



# Publicazioni scientifiche

CNR - Istituto per lo Studio dei Materiali Nanostrutturati

Anno	Autori	Titolo	Rivista
2006	Scavia G., Agostinelli E., Laureti L., Varvaro G., Paci B., Generosi A., Rossi Albertini V., Kaciulis S. and Mezzi A.	Evolution of the Pt layer deposited on MgO(001) by PLD as a function of the deposition parameters: a Scanning Tunneling Microscopy and Energy Dispersive X-ray	JOURNAL OF PHYSICAL CHEMISTRY - B, VOL. 110, p. 5529-5536.
2006	Curulli A., Cusma' A., Kaciulis S., Padeletti G., Pandolfi L., Valentini F., Viticoli M.	Immobilization of GOD and HRP enzymes on nanostructured substrates	SURFACE AND INTERFACE ANALYSIS - VOL. 38 p. 478-481.
2006	Capone S., Epifani M., Francioso L., Kaciulis S., Mezzi A., Siciliano P., Taurino A.M.	Influence of electrodes ageing on the properties of the gas sensors based on SnO <sub>2</sub>	SENSORS AND ACTUATORS B - vol. 115, issue 1, p. 396-402
2006	Comini E., Cusma' A., Kaciulis S., Kandasamy S., Padeletti G., Pandolfi L., Sberveglieri G., Trinchi A., Wlodarski W.	XPS investigation of CoO <sub>x</sub> -based MRISiC structures for hydrocarbon gas sensing	SURFACE AND INTERFACE ANALYSIS - VOL. 38 p. 736-739
2005	Almerico A.M., Mingoia F., Diana P., Barraja P., Lauria A., Montalbano A., Cirrincione G., Dattolo G.	1-Methyl-3H-Pyrazolo[1,2-a]benzo[1,2,3,4]tetrazin-3-ones. Design, Synthesis and Biological Activity of New Antitumor agents	J. MED. CHEM., 2005, 48, 2859-2866
2005	Romeo R., Plutino M.R., Romeo A.	A dissociative route to C-H bond activation: Ligand cyclometalation in cis-dimethyl[(sulfinyl-kS)bis[methane]]][tris(2-methylphenyl)-	HELVETICA CHIMICA ACTA (2005), 88(3), 507-522
2005	Casaletto M.P., Carbone M., Piancastelli M.N., Horn K., Weiss K., Zanoni R.	A High Resolution Photoemission Study of Phenol Adsorption on Si (100)2x1	SURFACE SCIENCE, 582 (2005) 42-48
2005	Sandro Campestrini, Massimo Carraro, Rosaria Ciriminna, Mario Pagliaro, Umberto Tonellato	A mechanistic study on alcohol oxidations with oxygen catalysed by TPAP-doped ormosils in supercritical carbon dioxide	ADVANCED SYNTHESIS & CATALYSIS, 347 (2005) 825-832
2005	Longo A., Balerna A., Giannici F., D'Anca F., D'Acapito F., Liotta L.F., Pantaleo G. and Martorana A.	A new cell for the study of in situ chemical reactions using X-ray absorption spectroscopy	J. SYNCHR. RADIATION 12 499,505 (2005)
2005	Longo A., Balerna A., D'Anca F., D'Acapito F., Liotta L., Giannici G., Pantaleo P., Martorana A.	A new in situ cell for chemical applications at the GILDA beam line	J. SYNCHR. RADIATION 12 (2005) 499-505.
2005	Mazzaglia A.; Angelini N.; Lombardo D.; Micali N.; Patanè S.; Villari V.; Monsù Scolaro L.	Amphiphilic Cyclodextrin Carriers Embedding Porphyrins: Charge and Size Modulation of Colloidal Stability in Heterotopic Aggregates	J. PHYS. CHEM. B., 2005, 109, 7258-7265

Anno	Autori	Titolo	Rivista
2005	Palma A., Alavi A.	An ab initio study of the TTIP adsorption mechanism on Si(100) surface	COMP. MAT. SC., 33, 244-249 (2005)
2005	Giardini, A.; Catone, D.; Stranges, S.; Satta, M.; Tacconi, M.; Piccirillo, S.; Turchini, S.; Zema, N.; Contini, G.; Prospero, T.; Decleva, P.; Di Tommaso, D.; Fronzoni, G.;	Angle-resolved photoelectron spectroscopy of randomly oriented 3-hydroxytetrahydrofuran enantiomers	ChemPhysChem 6 (2005) 1164-1168
2005	Pawelec B., Venezia A.M., La Parola V., Cano-Serrano E., Campos-Martin J.M. and Fierro J.L.G.,	AuPd alloy formation in Au-Pd/Al <sub>2</sub> O <sub>3</sub> catalysts and its role on aromatics hydrogenation	APPLIED. SURFACE SCIENTIFIC 242, 380-391 (2005)
2005	Ingo G.M., Kaciulis S., Mezzi A., Valente T., Casadei F., Gusmano G.	Characterization of composite titanium nitride coatings prepared by reactive plasma spraying	ELECTROCHIMICA ACTA
2005	Cataldo F., Brucato J., Keheyan Y.	Chirality in prebiotic molecules and the phenomenon of photo and radioracemization	J. PHYSICS: CONF. SERIES, 6 (2005) 139-148
2005	Liotta L.F., Di Carlo G., Pantaleo G., Deganello G.	Co <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> and CeO <sub>2</sub> -ZrO <sub>2</sub> composite catalysts as durable and active systems for methane oxidation: relationship between structure and oxidation activity	CATAL. COMM. 6 (2005) 329-336
2005	Alagia, Michele; Richter, Robert; Stranges, Stefano; Agaker, Marcus; Stroem, Magnus; Soederstroem, Johan; Sathe, Conny; Feifel, Raimund; Sorensen, Stacey; De	Core level ionization dynamics in small molecules studied by x-ray-emission threshold-electron coincidence spectroscopy	PHYSICAL REVIEW A: Atomic, Molecular, and Optical Physics 71 (2005) 012506/1-012506/4
2005	Alagia, Michele; Baldacchini, Chiara; Betti, Maria Grazia; Bussolotti, Fabio; Carravetta, Vincenzo; Ekstrom, Ulf; Mariani, Carlo; Stranges, Stefano	Core-shell photoabsorption and photoelectron spectra of gas-phase pentacene: Experiment and theory	JOURNAL OF APPLIED PHYSICS 122 (2005) 124305/1-124305/6.
2005	Cicoira F., Santato C., Dinelli F., Murgia M., M. Loi M.A., Biscarini F., Zamboni R., Heremans P., Muccini M.	Correlation between morphology and charge mobility in tetracene-based light emitting transistors	ADVANCED FUNCTIONAL MATERIALS 15, 375-380 (2005)
2005	Cicoira F., Santato C., Dinelli F., Murgia M., Loi M.A., Biscarini F., Zamboni R., Heremans P., and Muccini M.	Correlation between morphology and field-effect transistor mobility in tetracene thin films	ADVANCED FUNCTIONAL MATERIALS, 15 (2005) 375
2005	Nabil Cheichi, Mohamed Kacimi, Mohamed Rouimi, Mahfoud Ziyad, L.F. Liotta, G. Pantaleo, G. Deganello	Direct synthesis of MIBK in gas phase reaction over Palladium loaded hydroxyapatite	J. CATAL. 232 (2005) 257-267
2005	Rosaria Ciriminna, Sandro Campestrini, Massimo Carraro, Mario Pagliaro	Dynamic Catalysis in Aerobic Oxidation by Sol-Gel Living Materials	ADVANCED FUNCTIONAL MATERIALS, 15 (2005), 846-850
2005	Kalita, M.; Bukat, M.; Ciosek, M.; Siekierski, M.; Chung, S. H.; Rodriguez, T.; Greenbaum, S. G.; Kovarsky, R.; Golodnitsky, D.; Peled, E.; Zane, D.; Scrosati, B.;	Effect of calixpyrrole in PEO-LiBF <sub>4</sub> polymer electrolytes	ELECTROCHIMICA ACTA (2005), 50(19), 3942-3948

Anno	Autori	Titolo	Rivista
2005	Gomes H.L., Stallinga P., Dinelli F., Murgia M., Biscarini F., De Leeuw D.M., Muccini M., Muellen K.	Electrical characterization of organic based transistors: stability issues	POLYMERS FOR ADVANCED TECHNOLOGIES, 16 (2005) 227
2005	Gancitano P., Ciriminna R., Testa M.L., Fidalgo A., Ilharco L.M. and Pagliaro M.	Enhancing Selectivity in Oxidation Catalysis with Sol-Gel Nanocomposites	ORGANIC & BIOMOLECULAR CHEMISTRY, 3(13) 2389 - 2392 (2005)
2005	De Jong MP, Bergenti I, Dediu VA, Fahlman M, Marsi M, Taliani C.	Evidence for Mn <sup>2+</sup> ions at surfaces of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin films	PHYSICAL REVIEW B 71 (1): Art. No. 014434 JAN 2005
2005	Pawelec, A. M. Venezia, V. La Parola, S. Thomas and J. L. G. Fierro,	Factors influencing selectivity in naphthalene hydrogenation over supported noble metal catalysts	APPLIED CATALYSIS - A., 283, 165-175 (2005).
2005	Teghil, R.; D'Alessio, L.; De Bonis, A.; Galasso, A.; Villani, P.; Zaccagnino, M.; Santagata, A.; Ferro, D.	Femtosecond pulsed laser ablation of group 4 carbides	SURFACE SCIENCE (2005) 24751-56.
2005	Curulli A., Valentini F., Padeletti G., Kaciulis S., Cusmà A., Caschera D., Palleschi G.	Gold nanotubes arrays: application to enzyme biosensors	SENSORS AND ACTUATORS B, (2005) (In printing)
2005	Curulli A., Valentini F., Padeletti G., Cusmà A., Ingo G.M., Kaciulis S., Caschera D., Palleschi G.	Gold nanotubules arrays as new materials for sensing and biosensing: Synthesis and characterization	SENSORS AND ACTUATORS B (2005), in press
2005	Rachel M. Bukowski, Rosaria Ciriminna, Mario Pagliaro, Frank V. Bright	High-performance quenchemetric oxygen sensors based on fluorinated xerogels doped with [Ru(dpp) <sub>3</sub> ] <sup>2+</sup>	ANALYTICAL CHEMISTRY, 77 (2005) 2670-2672
2005	Drowart, Jean; Chatillon, Christian; Hastie, John; Bonnell, David; Alairo Franco, M. A.; Alcock, C. B.; Alves, O. L.; Anthony, A.-M.; Badri, M. B.; Balducci, et Al.	High-temperature mass spectrometry: Instrumental techniques, ionization cross-sections, pressure measurements, and thermodynamic data	PURE AND APPLIED CHEMISTRY 77 (2005) 683-737.
2005	Adraoui, Imane; El Rhazi, Mama; Amine, Aziz; Idrissi, Laila; Curulli, Antonella; Palleschi, Giuseppe	Lead determination by anodic stripping voltammetry using a p-phenylenediamine modified carbon paste electrode	ELECTROANALYSIS (2005), 17(8), 685-693
2005	Watts B.E., Leccabue F., Bocelli G., Padeletti G., Kaciulis S., Pandolfi L.	Lead enrichment at the surface of lead zirconate titanate thin films	J. EUROPEAN CERAMIC SOC. 25 (2005) 2495-2498
2005	Massimiliano Cavallini, Jordi Gomez-Segura, Daniel Ruiz-Molina, Massimiliano. Massi, Cristiano Albonetti, Concepció Rovira, Jaume Veciana and Fabio Biscarini.	Magnetic Information Storage on Polymers using Patterned Mn <sub>12</sub> Molecules	ANGEW. CHEM Int. Ed. (2005), 44, 888-892. <i>ibid.</i> Angew. Chem. (2005), 117, 910-914. It got the frontispiece of communications
2005	Gigli, G.; Meloni, Giovanni; Carrozzino, M.	Mass spectrometric and computational study of SnPb in the gas phase	JOURNAL OF APPLIED PHYSICS 122 (2005)014303/1-014303/6.

Anno	Autori	Titolo	Rivista
2005	Melpignano P., Baron-Toaldo A., Biondo V., Priante S., Zamboni R., Murgia M., Caria S., Gregoratti L., Barinov A. and Kiskinova M.	Mechanism of dark spot formation of organic light-emitting devices	APPLIED PHYSICS LETTERS, 86 (2005) 041105
2005	Tamburri, E.; Orlanducci, S.; Terranova, M. L.; Valentini, F.; Palleschi, G.; Curulli, A.; Brunetti, F.; Passeri, D.; Alippi, A.; Rossi, M.	Modulation of electrical properties in single-walled carbon nanotube/conducting polymer composites	CARBON, (2005), 43(6), 1213-1221
2005	Meloni S., Palma A., Kahn A., Schwartz J. and Car R.	Molecular and solid state Alq3 interaction with Mg: a first principles study	J. APPL. PHYS., 98, X (2005).
2005	Da Como E., Loi M.A., Dinelli F., Murgia M., Moulin J.F., Biscarini F., Zamboni R., Muccini M.	Molecular Orientation in Ultra.thin films of a-sexithiophene on silicon dioxide revealed by spatially-resolved confocal spectroscopy	NATURE MATERIALS 4, 81-85 (2005).
2005	Da Como E., Loi M.A., Dinelli F., Murgia M., Moulin J.F., Biscarini F., Zamboni R. and Muccini M.	Molecular Orientation In Ultrathin Films Of a-Sexithiophene On Silicon Dioxide Revealed By Spatially-Resolved Confocal Spectroscopy	SYNTHETIC METALS (In stampa, 2005)
2005	Bondi M.L.; Craparo E.F., Cervello M., Azzolina A., Diana P., Martorana A., Cirrincione G. and Giammona G.	Nanostructured lipid carriers (NLC) for delivery of anticancer compounds: preparation, characterization, in vitro release and cytotoxicity studies	EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, 2005, accepted.
2005	Madec D., Mingoia F., Macovei C., Maitro G., Giambastiani G., and Poli G.	New Enantiopure Bis(thioether) and Bis(sulfoxide) Ligands from Benzothiophene	EUR. J. ORG. CHEM. 2005, 552-557
2005	Di Pascasio, F.; Gozzi, D.; Panella, B.; Trionfetti, C.	Pd/H system in H2 plasmas	JOURNAL OF APPLIED PHYSICS 97 (2005) 043304/1-043304/11.
2005	Persano A., Cola A., Vasanelli L., Convertino A., Leo G., Cerri L., Frassanito M.C. and Viticoli S.	Photoelectrical Properties of 1.3 mm Emitting InAs Quantum Dots in InGaAs Matrix	ACTA PHYS. POLONICA A, 107, 381 (2005)
2005	Innocenti, F.; Zuin, L.; Costa, M. L.; Dias, A. A.; Morris, A.; Paiva, A. C. S.; Stranges, S.; West, J. B.; Dyke, J. M.	Photoionization studies of the atmospherically important species N and OH at the Elettra synchrotron radiation source	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA 142 (2005) 241-252.
2005	Venezia A.M., Pantaleo G., Longo A., Di Carlo G., Casaletto M.P., F. Liotta F.L., Deganello G.	Relationship between structure and CO oxidation activity of ceria supported gold catalysts	JOURNAL OF PHYSICAL CHEMISTRY B, 109 (2005) 2821-2827
2005	Valentini, F.; Orlanducci, S.; Tamburri, E.; Terranova, M. L.; Curulli, A.; Palleschi, G.	Single-walled carbon nanotubes on tungsten wires: a new class of microelectrochemical sensors	ELECTROANALYSIS (2005), 17(1), 28-37
2005	Curulli A., Valentini F., Padeletti G., Viticoli M., Caschera D., Palleschi G.	Smart (Nano) Materials: TiO2 nanostructured films to modify electrodes for assembling of new Electrochemical Probes	SENSORS AND ACTUATORS B, (2005) (In printing)

Anno	Autori	Titolo	Rivista
2005	Somani P.R., Dionigi C., Murgia M., Palles D., Nozar P., Ruani G.	Solid state dye PV cells using opal inverse TiO <sub>2</sub> films	SOL. EN. MATER. SOL. CELLS, 87, 513 (2005).
2005	Keheyan, Y.; Khachatryan, S.; Christidis, G.; Moraetis, D.; Gevorkyan, R.; Sarkisyan, H.; Yeritsyan, H.; Nikoghosyan, S.; Hovhannisyana, A.; Sahakyan, A.;	Sorption behavior of tritiated water on Armenian natural zeolites	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY 264 (2005) 671-677.
2005	Keheyan Y.et al.	Sorption Behaviour of Armenian Natural Zeolites	AMERICAN NUCLEAR SOCIETY (ANS), 48 (2005) 230-233
2005	Emilia Arisi, Ilaria Bergenti, Valentin Dediu, Tomaz Mertelj, Mauro Murgia, Alberto Riminucci, Giampiero Ruani and CarloTaliani	Spin polarized electrodes for Organic Light Emitting Diodes	IEEE TRANSACTIONS ON NANOTECHNOLOGY (T-NT): Special Issue 2005
2005	Martorana A., Longo A., Prestianni A.	Stacking faults and microstrains in fcc spherical nanocrystals: Debye function simulation of the powder pattern	submitted to J. Appl. Cry. (2005)
2005	Viticoli M., Padeletti G., Kaciulis S., Ingo G.M., Pandolfi L., Zaldo C.	Structural and dielectrical properties of ZrTiO <sub>4</sub> and Zr 0.8Sn 0.2TiO <sub>4</sub> deposited by Pulsed Laser Deposition	MAT. SCI. & Eng. B, 118, 87-91 (2005)
2005	Sacca' A., Carbone A., R., Pedicini E., Passalacqua E., Portale G., D'Ilario L., Longo A.	Structural and electrochemical investigation on re-cast Nafion membranes for polymer electrolyte fuel Cells (PEFCs) application	J. MEMBR, SCI. accepted (2005)
2005	Romeo R., Carnabuci S., Plutino M.R., Romeo A., Rizzato S., Albinati A.	Structural Properties and Dissociative Fluxional Motion of 2,9-Dimethyl-1,10-Phenanthroline in Platinum(II) Complexes	INORGANIC CHEMISTRY (2005), 44(5), 1248-1262
2005	Hajji C., Testa M.L., Zaballos-Garcia E., Sepulveda-Arques J.	Study of cyclic derivatives of 1,2- and 1,3-aminoalcohols as chiral catalysts in additions of diethylzinc to benzaldehyde	J. CHEM. RESEARC, 2005 in press, Ref. JCR 05/3092
2005	Loi M.A., Da Como E., Dinelli F., Murgia M., Zamboni R., Biscarini F., Muccini M.	Supramolecular organization in ultra-thin films of a-sexithiophene on silicon dioxide	NATURE MATERIALS 4 (2005) 81
2005	Mazzaglia A.; Monsù Scolaro L.; Garozzo D.; Malvagna P. and Romeo R.	Synthesis and characterization of poly(amidoamine)-platinum (II) complexes. Detailed speciation by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry	J ORGANOMET. CHEM., 2005, 690, 1978-1985
2005	Longo A., Calandra P., Casaletto M.P., Giordano C., Venezia A.M. and Turco Liveri V.	Synthesis and physico-chemical characterization of Gold nanoparticles softly coated by AOT	MATER. CHEM. (in press)
2005	Chiara Dionigi, Gianluca Calestani, Tiziano Ferraroni, Giampiero Ruani, Leonarda F. Liotta, Andrea Migliori, Petr Nozar, Dimitri Palles	Template evaporation method for controlling anatase nano-crystal size in ordered macro-porousTiO <sub>2</sub>	J. COLLOID AND INTERF. SCIENCE 2005 in press.

Anno	Autori	Titolo	Rivista
2005	Santato C., Manunza I., Bonfiglio A., Cicoira F., Cosseddu P., Zamboni R., Muccini M.	Tetracene light-emitting transistors on flexible plastic substrates	APPLIED PHYSICS LETTERS, 86 (2005) 141106
2005	Alagia, Michele; Avaldi, Lorenzo; Coreno, Marcello; de Simone, Monica; Richter, Robert; Stranges, Stefano; Tabrizchi, Mahmoud.	The resonant 4d photoemission spectrum of atomic cesium	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA 144 (2005) 67-70.
2005	Rosaria Ciriminna, Laura M. Ilharco, Alexandra Fidalgo, Sandro Campestrini and Mario Pagliaro	The structural origins of superior performance in sol-gel catalysts	SOFT MATTER , 1 (2005) xx, in press
2005	Gozzi, D.; Iervolino, M.	Thermodynamics of Ni richest intermetallics along the rare-earth series	INTERMETALLICS 13 (2005) 1172-1183
2005	Balducci, G.; Brutti, S.; Ciccioli, A.; Gigli, G.; Manfrinetti, P.; Palenzona, A.; Butman, M. F.; Kudin, L.	Thermodynamics of the intermediate phases in the Mg-B system	JOURNAL OF PHYSICS AND CHEMISTRY of 66 (2005) 292-297.
2005	Šetkus A., Kaciulis S., Pandolfi L., Senuliene D., Strazdiene V.	Tuning of the Response Kinetics by the Impurity Concentration in Metal Oxide Gas Sensors	SENSORS AND ACTUATORS B (2005), in press
2005	Loi M.A., Rost-Bietsch C., Murgia M., Karg S.F., Riess W. and Muccini M.	Tuning optoelectronic properties of ambipolar organic light-emitting transistors using bulk heterojunction approach	ADVANCED FUNCTIONAL MATERIALS (in press, 2005)
2005	Lisi L., Ruoppolo G., Casaletto M.P., Galli P., Massucci M.A., Patrono P., Pinzari F.	Vanadium-Metal(IV) phosphates as catalysts for the oxidative dehydrogenation of ethane	JOURNAL MOLECULAR CATALYSIS A, 232 (2005) 127-134
2005	Bellucci, Alessandra; Gozzi, Daniele; Kimura, Takashi; Noda, Tetsuji; Otani, Shigeki	Zirconia growth on zirconium carbide single crystals by oxidation	SURFACE AND COATINGS TECHNOLOGY 197 (2005) 294-302.
2004	Spezia R., Zazza C., Palma A., Amadei A., Aschi M.	A DFT study of low-lying singlet excited states of the all-trans peridinin in vacuo	JOURNAL OF PHYSICAL CHEMISTRY A, 108, 6763-6770, (2004)
2004	Balducci, G.; Ciccioli, A.; Gigli, G.	A mass spectrometric and density functional study of the intermetallic molecules AuBe, AuMg, and AuCa	JOURNAL OF CHEMICAL PHYSICS 121 (2004) 7748-7755
2004	Testa M.L., Lamartina L., Mingoia F.m.	A new entry to the substituted Pyrrolo[3,2-c]quinoline derivatives of biological interest by intramolecular heteroannulation of internal imines	TETRAHEDRON, 2004, 60, 5873-5880.
2004	Dionigi, C, Nozar, P, Di Domenico, D, Calestani, G	A simple geometrical model for emulsifier free polymer colloid formation	JOURNAL OF COLLOID AND INTERFACE SCIENCE, 2004, 275, 445-449

Anno	Autori	Titolo	Rivista
2004	Leclère Ph., Surin M., Viville P., Lazzaroni R., Kilbinger A.F.M., Henze O., Feast W.J., Cavallini M., Biscarini F., Schenning A.P.H.J., Meijer E.W..	About Oligothiophene Self-Assembly: From Aggregation in Solution to Solid-State Nanostructures	CHEMISTRY OF MATERIALS 16, 4452-4466. (2004)
2004	Kim J.W., Carbone M., Tallarida M., Horn K., Casaletto M.P., Flammini R., Dil J.H., Piancastelli M.N.	Adsorption of 2,3-butanediol on Si(100)	SURFACE SCIENCE, 559 (2004) 179-185
2004	Sbornicchia P., Montesperelli G., Ingo G.M. and Gusmano G.	Advances in jewellery microcasting	THERMOCHIMICA ACTA, 419 (2004) 195-204
2004	Campestrini Sandro, Carraro Massimo, Tonellato Umberto, Pagliaro Mario, Ciriminna Rosaria	Alcohols oxidation with hydrogen peroxide promoted by TPAP-doped ormosils	TETRAHEDRON LETTERS, 45 (2004), 7283-7286
2004	Rost C., Karg S.F., Riess W., Loi M.A., Murgia M., and Muccini M.	Ambipolar Light-Emitting Organic Field-Effect Transistor	APPLIED PHYSICS LETTERS 85 (2004) 1613
2004	Zuin, L.; Innocenti, F.; Costa, M. L.; Dias, A. A.; Morris, A.; Paiva, A. C. S.; Stranges, S.; West, J. B.; Dyke, J. M.	An initial investigation of S and SH with angle resolved photoelectron spectroscopy using synchrotron radiation	CHEMICAL PHYSICS, 298 (2004) 213-222
2004	Casaletto M.P., Lisi L., Mattogno G., Patrono P., Ruoppolo G.	An XPS study of titania-supported vanadyl phosphate catalysts for the oxidative dehydrogenation of ethane	APPLIED CATALYSIS A - GENERAL, 267,1-2 (2004) 157-164
2004	Plutino M.R.; Scolaro L.M., Albinati A., Romeo R.	Atropisomerization, C-H Activation, and Dissociative Substitution at Some Biphenyl Platinum(II) Complexes	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (2004), 126(20), 6470-6484
2004	Padeletti G., Fermo P.	Beauty and Technology of Lustre decorated majolicas	TECHNE' Numéro 20, "Terres cuites de la Renaissance", 2004, pag 35-44
2004	Gomes H.L., Stallinga P., Dinelli F., Murgia M., Biscarini F., De Leeuw D.M., Muck T., Geurts J., Molenkamp L.W., Wagner V.,	Bias-induced threshold voltages shifts in thin-film organic transistors	APPLIED PHYSICS LETTERS, 84, 3184-3186 (2004).
2004	Padeletti G., Fermo P.	Bismuth knowledge during Renaissance strengthened by its use in Italian lustres production	APPLIED PHYSICS - A , 79 (2), 277-281, (2004)
2004	Muccini M., Loi MA, Kenevey K., Zamboni R., Masciocchi N. and Sironi A.	Blue Luminescence of Facial Tris(quinolin-8-olato) Aluminium(III) in Solution, Crystals and Thin films	ADVANCED MATERIALS 16 (2004) 861
2004	Cavallini M., Facchini M., Massi M., Biscarini F.	Bottom-Up Nanofabrication of Materials for Organic Electronics	SYNTHETIC METALS 146, (2004), 283-286

Anno	Autori	Titolo	Rivista
2004	Ferro, Daniela; Barinov, Sergey M.; Rau, Jiulietta V.; Teghil, Roberto; Latini, Alessandro	Calcium phosphate and fluorinated calcium phosphate coatings on titanium deposited by Nd:YAG laser at a high fluence	BIOMATERIALS, 26 (2004) 805-812
2004	Keheyhan Y., Cataldo F.	Carbon clusters formation by laser irradiation of carbonaceous solids	FULLERENES, NANOTUBES AND CARBON NANOSTRUCTURES, 12(1& 2), 389-395
2004	Ciriminna Rosaria, Mario Pagliaro Mario	Catalysis by sol-gels: An advanced technology for organic chemistry	CURRENT ORGANIC CHEMISTRY, 8 (18) (2004), 1851-1862
2004	Trinchi A., Kaciulis S., Pandolfi L., Viticoli S., Ghantasala M.K., Li Y.X., Wlodarski W., Comini E. and Sberveglieri G.	Characterization of Ga <sub>2</sub> O <sub>3</sub> based MRISiC hydrogen gas sensors	SENSORS AND ACTUATORS B, 103 (2004) 129-135.
2004	Valentini, F.; Salis, A.; Curulli, A.; Palleschi, G.	Chemical reversibility and stable low-potential NADH detection with nonconventional conducting polymer nanotubule modified glassy carbon electrodes	ANALYTICAL CHEMISTRY (2004), 76(11), 3244-3248
2004	Liotta L.F., Venezia A.M., Pantaleo G., Deganello G., Gruttadauria M., Noto R.	Chromia on silica and zirconia oxides as recyclable oxidizing system: structural and surface characterization of the active chromium species for oxidation reaction,	CATALYSIS TODAY, 91-92 C (2004) 231-236
2004	Turchini, S.; Zema, N.; Contini, G.; Alberti, G.; Alagia, M.; Stranges, S.; Fronzoni, G.; Stener, M.; Decleva, P.; Prosperi, T.	Circular dichroism in photoelectron spectroscopy of free chiral molecules: experiment and theory on methyl-oxirane	PHYSICAL REVIEW A: Atomic, Molecular, and Optical Physics 70 (2004) 014502/1-014502/4.
2004	Ingo G.M., Angelini E., De Caro T., Bultrini G., Calliari I.	Combined use of GDOES, SEM+EDS, XRD and OM for the microchemical study of the corrosion products on archaeological bronzes	APPLIED PHYSICS - A, 79 (2004) 199-203
2004	Ingo G.M., Angelini E., De Caro T., Bultrini G.	Combined use of surface and micro analytical techniques for the study of ancient coins	APPLIED PHYSICS - A 79 (2004) 171-79
2004	Ingo G.M., Angelini E., De Caro T., Bultrini G. and Mezzi A.	Combined use of XPS and SEM+EDS for the study of surface microchemical structure of archaeological bronze Roman mirrors	SURFACE AND INTERFACE ANALYSIS, 36 (2004) 871-875
2004	La Parola V., Deganello G. and Venezia A.M.	CoMo catalysts supported on aluminosilicates: synergy between support and sodium effects	APPLIED CATALYSIS A 260, 237-247 ( 2004).
2004	Kaciulis S., Cusmà A., Padeletti G., Pandolfi L., Viticoli M., Zaldo C.	Comparison of ZrTiO <sub>4</sub> films produced by PLD and MOCVD techniques	SURFACE AND INTERFACE ANALYSIS, Vol 36, 1151-1154, 2004
2004	Cataldo F., Keheyhan Y., Heymann D.	Complex organic matter in space: about the chemical composition of carriers of the unidentified infrared bands (UIBs) and protoplanetary emission spectra recorded from	ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE, 34 - 13-24

Anno	Autori	Titolo	Rivista
2004	Leclère Ph., Surin M., Cavallini M., Jonkheijm P., Henze O., Schenning A.P.H.J., Biscarini F., Grimsdale A.C., Feast W.J., Meijer E.W., Müllen K., Brédas J.L., and	Conjugated Material Self-assembly: Towards Supramolecular Electronics,	TRANSACTIONS OF THE MATERIALS RESEARCH SOCIETY OF JAPAN, 29, (2004), 197-202.
2004	Keheyan, Y.; Cataldo, F.; Yyghikyan, A.	Cosmic ray-induced polycondensate hydrocarbons in giant molecular clouds	ASTROPHYSICS (English Translation) 47 (2004) 422-431.
2004	Balucani, Nadia; Stranges, Domenico; Casavecchia, Piergiorgio; Volpi, Gian Gualberto	Crossed beam studies of the reactions of atomic oxygen in the ground 3P and first electronically excited 1D states with hydrogen sulfide	JOURNAL OF CHEMICAL PHYSICS 120 (2004) 9571-9582
2004	Pandolfi L., Kaciulis S., Padeletti G., Cusmà A., Viticoli M.	Deposition and characterization of ZrTiO4 thin films	SURFACE AND INTERFACE ANALYSIS, Vol. 36, 1159-1162, 2004
2004	Bondarenka V., Grebinskij S., Mickevicius S., Tvardauskas H., Kaciulis S.	Determination of vanadium valence in hydrated compounds	JOURNAL OF ALLOYS AND COMPOUNDS, 382 (2004) 239-243
2004	Brunetti Bruno; Scardala Paolo; Piacente Vincenzo	Dissociation pressure and standard dissociation enthalpy of RuO2	MATERIALS CHEMISTRY AND PHYSICS 83 (2004) 145-149
2004	Convertino A., Cerri L., Leo G., Viticoli S.	Effect of the growth interruption on the molecular beam epitaxy growth of InAs quantum dots embedded in InGaAs matrix	JOURNAL OF CRYSTAL GROWTH 261, 458 (2004).
2004	Casaletto M.P., Lisi L., Mattogno G., Patrono P., Pinzari F., Ruoppolo G.	Effect of the preparation technique on the catalytic performances of TiO2 supported vanadium phosphate in the oxidative dehydrogenation of ethane	CATALYSIS TODAY, 91-92C (2004) 271-274
2004	Casaletto M.P., Lisi L., Mattogno G., Patrono P., Ruoppolo G.	Effect of the support on the surface composition of vanadium phosphate catalysts in the oxidative dehydrogenation of ethane	SURFACE AND INTERFACE ANALYSIS, 36 (2004) 737-740
2004	Stallinga P., Gomes H.L., Biscarini F., Murgia M., De Leeuw D.	Electronic Transport in Field Effect Transistors of Sexithiophene	JOURNAL OF APPLIED PHYSICS 96, 5277- 5283 (2004).
2004	Curulli, A.; Valentini, F.; Orlanducci, S.; Terranova, M. L.; Paoletti, Claudia; Palleschi, G	Electrosynthesis of non conventional-polymer nanotubules: a new nanostructured material for analytical applications	SENSORS AND ACTUATORS, B: Chemical (2004), B100(1-2), 65-71
2004	Portale G., Longo A., D'Ilario L., Martinelli A. and Caminiti R.	Energy dispersive small angle scattering for investigating polymer morphology: static and time resolved experiments	APPLIED PHYSICS LETTERS, 85, 20, 4798-4800 (2004)
2004	Buzio R., Malyska K., Rymuza Z., Biscarini F., Buatier de Mongeot F., Valbusa U.	Experimental Investigation of the Contact Mechanics of Rough Fractal Surfaces	IEEE TRANSACTIONS ON NANOBIOSCIENCES 3, 27-31 (2004).

Anno	Autori	Titolo	Rivista
2004	Zanotto L., Benetollo F., Natali M., Rossetto G., Zanella P., Kaciulis S., Mezzi A.	Facile Synthesis and Characterization of New Beta-Diketonate Silver Complexes. Single-Crystal Structures of (1,1,1,5,5,5-Hexafluoro-2,4-pentanedionato)(2,2'-	CHEMICAL VAPOUR DEPOSITION 10/4 (2004) 207-213
2004	Zane Daniela; Carewska Maria; Scaccia Silvera; Cardellini Francesco; Proisini Pier Paolo	Factor affecting rate performance of undoped LiFePO <sub>4</sub>	ELECTROCHIMICA ACTA (2004), 49(25), 4259-4271
2004	Ostoja P., Maccagnani P., Gazzano M., Cavallini M., Kengne J.C., Biscarini F., Melucci M., Zambianchi M., Barbarella G.	FET device performance, morphology and X-ray thin film structure of unsubstituted and modified quinquethiophenes	SYNTHETIC METALS 146, (2004), 243-250
2004	Ciriminna Rosaria, Campestrini Sandro, Pagliaro Mario	Fluorinated Silica Gels Doped with TPAP as Effective Aerobic Oxidation Catalysts in Dense Phase Carbon Dioxide	ADVANCED SYNTHESIS & CATALYSIS, 346 (2004) 231-236
2004	Bencivenni, Luigi; Dobos, Sandor; Cesaro, Stella Nunziante; Pieretti, Andrea	FTIR spectra and density functional calculations of carbonylic complexes of chromium in argon and nitrogen cryomatrices	VIBRATIONAL SPECTROSCOPY 36 (2004) 57-63
2004	Rau, J. V.; Cesaro, S. Nunziante; Ferro, D.; Barinov, S. M.; Fadeeva, I. V.	FTIR study of carbonate loss from carbonated apatites in the wide temperature range	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, Part B: Applied Biomaterials 71B (2004) 441-447.
2004	Cataldo, F.; Keheyhan, Y.; Baccaro, S.	Gamma-radiolysis of chiral molecules: R(+)-limonene, S(-)-limonene and R(-)- $\alpha$ -phellandrene.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY 262 (2004) 423-428
2004	Gusmano G., Montanari R., Kaciulis S., Montesperelli G., Denk R.	Gold corrosion: red stains on a gold Austrian Ducat	APPLIED PHYSICS - A, 79 (2004) 205-211
2004	Convertino A.; Cerri L.; Leo G.; Viticoli S.	Growth interruption to tune the emission of InAs quantum dots embedded in InGaAs matrix in the long wavelength region	JOURNAL OF CRYSTAL GROWTH, 261 (4), 458
2004	Ferro, D.; Scandurra, R.; Latini, A.; Rau, J. V.; Barinov, S. M.	Hardness of electron beam deposited titanium carbide films on titanium substrate	JOURNAL OF MATERIALS SCIENCE 39 (2004) 329-330
2004	Liotta L.F., Longo A., Macaluso A., Pantaleo G., Venezia A.M. and Deganello G.	Influence of the SMSI effect on the catalytic activity of a Pt(1%)/Ce <sub>0.6</sub> Zr <sub>0.4</sub> O <sub>2</sub> catalyst: SAXS, XRD, XPS and TPR investigations	APPLIED CATALYSIS B, 48 (2004) 133-149.
2004	Cacchio, Paola; Contento, Rosita; Ercole, Claudia; Cappuccio, Giorgio; Martinez, Maria Preite; Lepidi, Aldo.	Involvement of microorganisms in the formation of carbonate speleothems in the Cervo Cave (L'Aquila-Italy).	GEOMICROBIOLOGY JOURNAL, 21 (2004) 497-509.
2004	Rost C., Karg S.F., Riess W., Loi M.A., Murgia M., and Muccini M.	Light-emitting Ambipolar Organic Heterostructure Field-Effect Transistor	SYNTHETIC METALS 146 (2004) 237

Anno	Autori	Titolo	Rivista
2004	Alagia, Michele; Brunetti, Brunetto G.; Candori, Pietro; Falcinelli, Stefano; Teixidor, Marc Moix; Pirani, Fernando; Richter, Robert; Stranges, Stefano; Vecchiocattivi, Franco	Low-lying electronic states of HBr <sub>2</sub> <sup>+</sup>	JOURNAL OF CHEMICAL PHYSICS 120 (2004) 6985-6991
2004	Galli A., Martini M., Sibilìa E., Padeletti G., Fermo P.	Luminescence properties of lustre decorated majolicas	APPLIED PHYSICS - A , 79 (2), 293-297, (2004)
2004	Arisi E, Bergenti I, Dediu V, Ruani G	Magnetic field-induced variations in Pr <sub>0.65</sub> Ca <sub>0.35</sub> MnO <sub>3</sub> : Raman investigation	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 272: 1751-1752 Part 3 Sp. Iss. SI, MAY 2004
2004	Ingo G.M., De Caro T. and Bultrini G.	Microchemical investigation of archaeological copper based artefacts disclosing an ancient witness of the transition from the value of the substance to the value of	MICROCHIMICA ACTA, 144 (2004) 87-95
2004	Ingo G.M., Angelini E., De Caro T., Bultrini G. and Mezzi A.	Microchemical investigation of archaeological copper based artefacts used for currency in ancient Italy before the coinage	SURFACE AND INTERFACE ANALYSIS, 36 (2004) 866-870
2004	Ingo G.M., De Caro T., Padeletti G. and Chiozzini G.	Microchemical investigation on Renaissance coins minted at Gubbio (Central Italy)	APPLIED PHYSICS - A, 79 (2), 319-325, (2004)
2004	Leyva A.G., Stoliar P., Rosenbusch M., Lorenzo V., Levy P., Albonetti C., Cavallini M., Biscarini F., Troiani H.E., Condó A.M., Sanchez R.D.	Microwave assisted synthesis of mixed manganese oxide based nanostructures using plastic templates	JOURNAL OF SOLID STATE CHEMISTRY (2004) 177, 3949-3953
2004	Mazzaglia A. Forde D.; Garozzo D.; Malvagna P.; Ravoo B.J and Darcy R	Multivalent binding of galactosylated cyclodextrin vesicles to lectin	ORGANIC BIOM. CHEM., 2004, 2, 957-960 (paper published by RSC in the Chemical Biology Virtual Journal, 6, 2004)
2004	Melucci M., Barbarella G., Benzi M., Zambianchi M., Biscarini F., Cavallini M., Bongini A., Mazzeo M., Gigli G.	Non-conjugated poly(±-vinyl,Š-alkyl-thiophene-oligomers): synthesis, fluorescence and morphology	MACROMOLECULES, 37(15) 2004, 5692-5702
2004	Hamdach A., El Hadrami E.M., Testa M.L., Gil S., Zaballos-García E., Sepúlveda-Arques J., Arroyo P. and Domingo L.R.	Novel examples of N-methyl effect on cyclisation of N-Boc derivatives of amino alcohols. A theoretical study	TETRAHEDRON, 2004, 60, 12071-12077
2004	Quagliano L.G.	Observation of molecules adsorbed on III-V semiconductor quantum-dots by Surface Enhanced Raman Scattering	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 126 (2004) 7393
2004	D'Acapito F., Maurizio C., Gonella F., Cattaruzza E., Mattei G., Mondelli C., Longo A., Martorana A.	On the use of Grazing Incidence Small Angle X-ray Scattering (GISAX) in the morphological study of ion implanted materials	JOURNAL OF SYNCHROTRON RADIATION, 11, 272-277 (2004)
2004	Leclère Ph., Surin M., Jonkheijm P., Henze O., Schenning A.P.H.J., Biscarini F., Grimsdale A.C., Feast W.J., Meijer E.W., Müllen K., Brédas J.L., and. Lazzaroni	Organic Semi-Conducting Architectures for Supramolecular Electronics	EUROPEAN POLYMER JOURNAL 40, 885-892 (2004).

Anno	Autori	Titolo	Rivista
2004	Bellucci, A.; Gozzi, D.; Latini, A.	Overview of the TiC/TiO <sub>2</sub> (rutile) interface	SOLID STATE IONICS, 172 (2004) 369-375
2004	Testa Maria Luisa, Ciriminna Rosaria, Hajji Chakib, Zaballos Garcia Elena, Ciclosi Marco, Sepulveda Arques Jose, Pagliaro Mario	Oxidation of Amino Diols Mediated by Homogeneous and Heterogeneous TEMPO	ADVANCED SYNTHESIS & CATALYSIS, 346 (2004) 655-660
2004	Ciriminna Rosaria, Mario Pagliaro Mario	Oxidation of tartronic acid and dihydroxyacetone to sodium mesoxalate mediated by TEMPO	TETRAHEDRON LETTERS, 45 (2004) 6381-6383
2004	Appetecchi, G. B.; Zane, D.; Scrosati, B	PEO-Based Electrolyte Membranes Based on LiBC <sub>4</sub> O <sub>8</sub> Salt	JOURNAL OF THE ELECTROCHEMICAL SOCIETY (2004), 151(9)
2004	Calandra P., Longo A., Ruggirello A., Turco Liveri V.	Physical- Chemical Investigation of the State of Cianamide Confined in AOT and Lecithin Reversed Micelles	JOURNAL OF PHYSICAL CHEMISTRY 108, 82-88 (2004)
2004	Giordano C., Longo A., Ruggirello A., Turco Liveri V., Venezia A.M.	Physicochemical investigation of cobalt-iron cyanide nanoparticles synthesized by a novel solid-solid reaction in confined space	COLLOID AND POLYMER SCIENCE 283, 265-276 (2004)
2004	Hayer A., Kohler A., Arisi E., Bergenti I., Dediu A., Taliani C., Al-Suti M., Khan MS.	Polymer light-emitting diodes with spin-polarised charge injection	SYNTHETIC METALS 147 (1-3): 155-158 Sp. Iss. SI, DEC 7 2004
2004	Arisi E, Sanchez SAP, Leccabue F, Watts BE, Bocelli G, Calderon F, Calestani G, Righi L	Preparation and characterization of AIVO <sub>4</sub> compound	JOURNAL OF MATERIALS SCIENCE 39 (6): 2107-2111 MAR 15 2004
2004	Craparo E.F., Cavallaro G., Bondi M.L. and Giammona G.	Preparation of polymeric nanoparticles by photo-crosslinking of an acryloylated polyaspartamide in w/o microemulsion	MACROMOLECULAR CHEMISTRY AND PHYSICS - Vol.205, 1955-1964
2004	Padeletti G., Fermo P.	Production of gold and ruby-red lustres in Gubbio (Umbria-Italy) during the Renaissance period	APPLIED PHYSICS - A, 79 (2), 241-245, (2004)
2004	Curulli, A.; Valentini, F.; Orlanduci, S.; Terranova, M. L.; Palleschi, G.	Pt based enzyme electrode probes assembled with Prussian Blue and conducting polymer nanostructures	BIOSENSORS & BIOELECTRONICS (2004), 20(6), 1223-1232
2004	Rau, J. V.; Nunziante Cesaro, S.; Boltalina, O. V.; Agafonov, V.; Popov, A. A.; Sidorov, L. N.	Raman and infrared spectroscopic study of C60F <sub>18</sub> , C60F <sub>36</sub> and C60F <sub>48</sub>	VIBRATIONAL SPECTROSCOPY, 34 (2004), 137-147
2004	Badea, Mihaela; Amine, Aziz; Benzine, Mohamed; Curulli, Antonella; Moscone, Danila; Lupu, Alina; Volpe, Giulia; Palleschi, Giuseppe.	Rapid and Selective Electrochemical Determination of Nitrite in Cured Meat in the Presence of Ascorbic Acid	MICROCHIMICA ACTA (2004), 147(1-2), 51-58.

Anno	Autori	Titolo	Rivista
2004	Testa M.L., Hajji C., Zaballos Garcia E., Ciclosi M., Sepulveda Arques J., Ciriminna R., Pagliaro M.	Selective oxidation of aminodiols mediated by homogeneous and heterogeneous TEMPO	ADVANCED SYNTHESIS & CATALYSIS, 2004, 6, 655-660.
2004	Barinov, S. M.; Bibikov, V. Yu.; Durisin, J.; Fadeeva, I. V.; Ferro, D.; Komlev, V. S.; Medvecky, L.; Nunziante Cesaro, S.; Rau, J. V.	Sintering of porous carbonated apatite bioceramics	POWDER METALLURGY PROGRESS (Kosice, Slovakia) 4 (2004) 95-103.
2004	García R., Tello M., Moulin J.-F., Biscarini F.	Size and Shape Controlled Growth of Molecular Nanostructures on Silicon Oxide Templates,	NANO LETTERS 4, 1531-1534 (2004).
2004	Bergenti I, Deriu A, Bosco E, Baricco M, Angeli E, Bisero D, Da Re A, Ronconi F, Spizzo F, Vavassori P	Small angle neutron investigation of Au-Fe alloys with GMR behaviour	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 272: 1554-1556 Part 2 Sp. Iss. SI, MAY 2004
2004	Barinov, S. M.; Shvorneva, L. I.; Ferro, D.; Fadeeva, I. V.; Tumanov, S. V.	Solid solution formation at the sintering of hydroxyapatite-fluorapatite ceramics	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS, 5 (2004) 537-541.
2004	Dinelli F., Murgia M., Levy P., Cavallini M., Biscarini F..	Spatially-correlated charge transport in organic thin film transistors	PHYSICAL REVIEW LETTERS 92, 116802 (2004)
2004	Bergenti I, Dediù V, Arisi E, Mertelj T, Murgia M, Riminucci A, Ruani G, Solzi M, Taliani C	Spin polarised electrodes for organic light emitting diodes	ORGANIC ELECTRONICS 5 (6): 309-314 DEC 2004
2004	Liotta L. F., Pantaleo G., Di Carlo G., Deganello G. and Marci G.	Structural and morphological investigation of a Cobalt catalyst supported on alumina-baria: effects of redox treatments on the activity in the NO reduction by CO	APPLIED CATALYSIS B, 52 (2004) 1-10.
2004	Liotta L.F., Di Carlo G., Longo A., Pantaleo G., Marci G., Martorana A., and Deganello G.	Structural and morphological properties of Co-La catalyst supported on alumina-lanthana for hydrocarbons oxidation	JOURNAL OF NON-CRYSTALLINE SOLIDS 345-34, 620-623 (2004)
2004	Martorana A., Deganello G., Longo A., Prestianni A., Liotta L., Macaluso A., Pantaleo G., Balerna A. and Mobilio S.	Structural evolution of Pt/ceria-zirconia TWC catalysts during the oxidation of carbon monoxide	JOURNAL OF SOLID STATE CHEMISTRY 177 (2004) 1268-1275.
2004	Lombardo D., Longo A., Darcy R., Mazzaglia A.	Structural Properties of Non-ionic Cyclodextrin Colloids in Water	LANGMUIR 20, 1057 1064 (2004)
2004	Venezia A.M., La Parola V., Pawelec B. and Fierro J. G.	Support effect in Aromatics Hydrogenation over Au-Pd/SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub>	CATALYSTS, APPL. CATAL. A, 264. 43-51, (2004).
2004	Arena G.E., Centi G., Deganello G., Liotta L.F., Macaluso A., Pantaleo G.	Surface and Bulk Changes of a Pt 1%/Ce <sub>0.6</sub> Zr <sub>0.4</sub> O <sub>2</sub> Catalyst during CO Oxidation in the absence of O <sub>2</sub>	TOPICS IN CATALYSIS, 30/31 (2004) 397-403.

Anno	Autori	Titolo	Rivista
2004	Di Paola A., García-López E., Marci G., Martín C., Palmisano L., Rives V., Venezia A.M.	Surface Characterization of Metal Ions Loaded TiO <sub>2</sub> Photocatalysts: Structure - Activity Relationship	APPLIED CATALYSIS B, 48, 223-233 (2004)
2004	Ingo G.M., Kaciulis S., Mezzi A., Valente T., Gusmano G.	Surface characterization of titanium nitride composite coatings fabricated by reactive plasma spraying	SURFACE AND INTERFACE ANALYSIS, 36 (2004) 1147-1150
2004	Gusmano G., Montanari R., Kaciulis S., Mezzi A., Montesperelli G., Rupprecht L.	Surface defects on collection coins of precious metals	SURFACE AND INTERFACE ANALYSIS, 36 (2004) 921-924
2004	Quagliano L.G.	Surface Enhanced Raman Scattering to study surface contaminants on semiconductors	SURFACE SCIENCE 566 (2004) 875
2004	Leclère Ph., Surin M., Henze O., Jonkheijm P., Biscarini F., Cavallini M., Feast W.J., Kilbinger A.F.M., Lazzaroni R., Meijer E.W., and Schenning A.P.H.J.	Surface-controlled self-assembly of chiral sexithiophene	JOURNAL OF MATERIALS CHEMISTRY 14, (2004), 1959 – 1963
2004	Padeletti G., Fermo P., Gilardoni S., Galli A.	Technological study on ancient ceramics produced in Casteldurante during the Renaissance period	APPLIED PHYSICS - A, 79 (2), 335-339, (2004)
2004	Santato C., Capelli R., Loi M.A., Murgia M., Cicoira F., Roy V.A.L., Stallinga P., Zamboni R., Rost C., Karg S.F. and Muccini M.	Tetracene based Organic Light-Emitting Transistors: optoelectronic properties and electron injection mechanism	SYNTHETIC METALS 146 (2004) 329
2004	Alagia, M.; Biondini, F.; Brunetti, B. G.; Candori, P.; Falcinelli, S.; Moix Teixidor, M.; Pirani, F.; Richter, R.; Stranges, S.; Vecchiocattivi, F.	The double photoionization of HCl: An ion-electron coincidence study	JOURNAL OF CHEMICAL PHYSICS 121 (2004) 10508-10512
2004	Cataldo F., Keheyany Y., Baccaro S.	The effect of gamma-irradiation of anthracite coal and oil bitumen	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, 262, 443-450
2004	Ingo G.M., D'Uffizzi M., Falso G., Bultrini G. and Padeletti G.	Thermal and microchemical investigation of automotive brake pad wear residues	TERMOCHIMICA ACTA, 418, 61-68, 2004
2004	Ingo G.M., Fragalà I., Bultrini G., De Caro T., Riccucci C. and Chiozzini G.	Thermal and microchemical investigation of Phoenician-Punic mortars used for lining cisterns at Tharros (western-Sardinia, Italy)	THERMOCHIMICA ACTA, 418 (2004) 53-60
2004	Lhotka, J.; Kuzel, R.; Cappuccio, G.; Valvoda, V.	Thickness determination of thin polycrystalline films by grazing incidence x-ray diffraction	MATERIALS SCIENCE FORUM 443-444 (2004) 115-118.
2004	Ferro, D.; Teghil, R.; Barinov, S. M.; D'Alessio, L.; DeMaria, G.	Thickness-dependent hardness of pulsed laser ablation deposited thin films of refractory carbides	MATERIALS CHEMISTRY AND PHYSICS 87 (2004) 233-236.

Anno	Autori	Titolo	Rivista
2004	Alagia, Michele; Brunetti, Brunetto G.; Candori, Pietro; Falcinelli, Stefano; Teixidor, Marc Moix; Pirani, Fernando; Richter, Robert; Stranges, Stefano; Vecchiocattivi, Franco	Threshold-photoelectron-spectroscopy-coincidence study of the double photoionization of HBr	JOURNAL OF CHEMICAL PHYSICS 120 (2004) 6980-6984.
2004	Keheyan Y., Cataldo F., Yeghikyan A.	To what extent terrestrial petroleum is biogenic? 1. Cosmic rays induced polycondensate hydrocarbons in the giant molecular clouds	ASTROPHYSICS J., 2, 109-118
2004	Bergenti I, Dediu V, Murgia M, Riminucci A, Ruani G, Taliani C	Transparent manganite films as hole injectors for organic light emitting diodes	JOURNAL OF LUMINESCENCE 110 (4): 384-388 DEC 2004
2004	Santacesaria E., Cozzolino M., Di Serio M., Venezia A.M., Tesser R.	Vanadium Based catalysts prepared by grafting: preparation, properties and performances in the ODH of butane	APPLIED CATALYSIS A . 270, 172-198 (2004)
2004	Brunetti Bruno; Piacente Vincenzo; Scardala Paolo	Vapor Pressures and Standard Sublimation Enthalpies for Thulium Trichloride, Tribromide, and Triiodide	JOURNAL OF CHEMICAL AND ENGINEERING DATA 49 (2004) 832-837.
2004	Soederstroem, Johan; Alagia, Michele; Richter, Robert; Stranges, Stefano; Agaker, Marcus; Stroem, Magnus; Sorensen, Stacey; Rubensson, Jan-Erik.	X-ray-emission-threshold-electron coincidence spectroscopy	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, 141 (2004) 161-170
2004	Padeletti G., Cusmà A., Viticoli M., Ingo G.M., Mezzi A., Watts B.	ZT thin films produced by MO-CVD to be used as high-k dielectrics	MATERIALS SCIENCE & ENGINEERING - B,109/1-3, (2004), 104-112
2003	Convertino A., Capobianchi A., Valentini A. and Cirillo E. N. M.	A new approach to organic solvent detection: high reflectivity Bragg reflectors based on a gold nanoparticle/Teflon-like composite material	ADVANCED MATERIALS, 15(13) , 1103 (2003)
2003	Capelli R., Loi M.A., Taliani C., Hansen H.B., Murgia M., Ruani G., Muccini M., Lovenich P.W. and Feast W.J.	A potential J aggregate molecular system: crystal packing and optical properties of 4,4'-bis(2,3,4,5,6pentafluorostyryl)stilbene	SYNTHETIC METALS, 139, 909
2003	Maspoch D., Ruiz-Molina D., Dominguez N., Wurst K., Cavallini M., Biscarini F., Tejada J., Rovira C. and Veciana J.	A Sponge-like Magnetic Nanoporous Molecular Material Exhibiting Selective Solvent-Induced Magneto-Mechanical Properties	NATURE MATERIALS 2, 190
2003	Venezia A. M. , Liotta L. F., Pantaleo G., La Parola V., Deganello G., Beck A., Koppány Zs., Frey K., Horváth D., and Guzzi L.	Activity of SiO <sub>2</sub> supported gold palladium catalysts in CO oxidation	APPLIED CATALYSIS - A, 251, 359
2003	Favero L. B.; Velino B.; Millemaggi A.; Caminati W.	Adducts of xenon with organic molecules: Rotational spectrum of dimethyl ether-Xe	CHEM. PHYS. CHEM., 4 881-884.
2003	Casaletto M.P., Mattogno G., Massucci M.A.	Alumina-supported vanadyl phosphates catalysts for the oxidative dehydrogenation of ethane: an XPS characterisation	APPLIED SURFACE SCIENCES, 211,1-4 216-226

Anno	Autori	Titolo	Rivista
2003	Lambourne, J. G.; Penent, F.; Lablanquie, P.; Hall, R. I.; Ahmad, M.; Zitnik, M.; Bucar, K.; Hammond, P.; Stranges, S.; Richter, R.; Alagia, M.; Coreno, M.	Angular distribution of the fluorescence of helium doubly photo-excited states converging on the He+(N = 2) ionization threshold.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, 36 4351-4359.
2003	Jennings W.B., Scheppe A., Testa M.L., Zaballos-Garcia E., Sepúlveda-Arques J.	Applications of N-phosphinoyloxaziridines in the conversion of alkenes to epoxides and esters to alfa-hydroxyesters	SYNLETT, 1, 121
2003	Carollo L.; Curulli A.; Floris B.	Arylferrocenylmethanols: A new family of ferrocenes to be used as mediators in biosensors	APPLIED ORGANOMETALLIC CHEMISTRY, 17(8), 589-599.
2003	Bellucci Alessandra; Gozzi Daniele; Kimura Takashi; Noda Tetsuji; Otani Shigeki	Auger electron spectroscopy analysis of cross-section surface of oxidized titanium carbide single crystal	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 86 2116-2121.
2003	Martinelli G., Plescia P.	Carbon dioxide and methane emission from pelitic limestones under shear stress	APPLIED GEOPHYSICS
2003	Majid S.; El Rhazi M.; Amine A.; Curulli A.; Palleschi G.	Carbon Paste Electrode Bulk-Modified with the Conducting Polymer Poly(1,8-Diaminonaphthalene): Application to Lead Determination	MICROCHIMICA ACTA, 143 (2-3), 195-204
2003	Liotta L.F., Pantaleo G., Macaluso A., Marci G., Gialanella S. and Deganello G.	Ceria-zirconia nanostructured materials for catalytic applications: textural characteristics and redox properties	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, 28, 119
2003	Bardelli F., Meneghini C., Mobilio S., Castellano C., and Dediu V.	Charge ordering and local structure in manganese oxide perovskites studied by EXAFS	ADVANCED MATERIALS, 200, 266
2003	Christidis G.E., Moraetis D., Keheyany E., Akhalbedashvili L., Kekelidze N., Gevorkyan R., Yeritsyan H., Sargsyan H.	Chemical and thermal modification of natural HEU-type zeolitic materials from Armenia, Georgia and Greece	APPLIED CLAY SCIENCE, 24 79- 91
2003	Leclère Ph., Lazzaroni R., Brédas J. L., Cavallini M., Biscarini F., Taliani C., Jonkheim P., Schenning A.P.H.J., Meijer E.W., Kilbinger A.F.M., Feast W. J.	Chiral Architectures at an Achiral Surface	JOURNAL OF MATERIALS CHEMISTRY
2003	De Stefanis A., Perez G., Tomlinson A.A.G., Ursini O. and Lilla E.	Chirality of Products in Acid-Catalysed Rearrangement of $\alpha$ -Pinene	REACTION KINETICS AND CATALYSIS LETTERS, 78, 267-273
2003	Cataldo F., Keheyany Y., Heymann D.	Complex organic matter in space: about the chemical composition of carriers of the unidentified infrared bands (UIBs) and protoplanetary emission spectra recorded from	ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE, 1-12
2003	Zampiceni E., Comini E., Faglia G., Sberveglieri G., Kaciulis S., Pandolfi L., Viticoli S.	Composition influence on the properties of sputtered Sn-W-O films	SENSORS AND ACTUATORS B-CHEMICAL, 89 225-231

Anno	Autori	Titolo	Rivista
2003	Favero L. B.; Velino B.; Millemaggi A.; Caminati W.	Conformation of dimethoxymethane: roles of anomeric effects and weak hydrogen bonds. A free jet microwave study	PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 5 4776-4779.
2003	Liotta L. F., Pantaleo G., Macaluso A., Di Carlo G. and Deganello G.	CoOx catalysts supported on alumina and alumina-baria: influence of the support on the cobalt species and their activity in NO reduction by C3H6 in lean conditions	APPLIED CATALYSIS - A, 245, 167
2003	Kaciulis S., Pandolfi L., White R.	Depth profiling of thin films of binary metal oxides	SURFACE AND INTERFACE ANALYSIS, (2004)
2003	Lambourne, J. G.; Penent, F.; Lablanquie, P.; Hall, R. I.; Ahmad, M.; Zitnik, M.; Bucar, K.; Hammond, P.; Stranges, S.; Richter, R.; Alagia, M.; Coreno, M.	Detailed observations of photo-accessible triplet doubly excited states in helium	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, 36 4339-4350.
2003	La Parola V.; Deganello G.; Scirè S.; and Venezia A.M.	Effect of the Al/Si Atomic Ratio on Surface and Structural Properties of Sol-Gel Prepared Aluminosilicates	JOURNAL OF SOLID STATE CHEMISTRY, 174 482
2003	Liotta L.F., Macaluso A., Longo A., Pantaleo G., Martorana A. and Deganello G.	Effects of redox treatments on the structural composition of a ceria-zirconia oxide for application in the three-way catalysis	APPLIED CATALYSIS - A, 240, 295
2003	Feroci M.; Orsini M.; Palombi L., Inesi A.	Electrochemically induced diastereoselective functionalization of N-acyloxazolidin-2-ones Mechanistic and synthetic aspects of organic and biological	ELECTROCHEM. SOC., Proc. 12, 29-32.
2003	Pasquali M. and Lupi C.	Electrolytic cobalt recovery from lithium-ion batteries	MINERALS ENGINEERING, 16 537-542
2003	De Jong M.P., Dediu V., Taliani C. and Salaneck W.R.	Electronic structure of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin films for hybrid organic/inorganic spintronics applications	JOURNAL OF APPLIED PHYSICS, 94, 7292
2003	Diso D., Licciulli A., Bianco A., Lomascolo M., Leo G., Mazzer M., Tundo S., Torsello G., Maffezzoli A.	Erbium containing ceramic emitters for thermophotovoltaic energy conversion	MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY - B 98, 144
2003	Deganello F., Longo A. and Martorana A.	EXAFS study of ceria-lanthana-based TWC promoters prepared by sol-gel routes	JOURNAL OF SOLID STATE CHEMISTRY, 175 289
2003	Lomascolo M., Cretì A., Leo G., Manna L., Vasanelli L.	Exciton relaxation processes in colloidal core/shell ZnSe/ZnS nanocrystals	APPLIED PHYSICS LETTERS 82(3), 418 (2003).
2003	Testa M.L., Akssira M., Zaballos-Garcia E., Arroyo P., Domingo L.R., Sepúlveda-Arques J.	Experimental and theoretical investigations for the regio and stereoselective transformation of 1,2,3-trisubstituted aziridines into trans oxazolidin-2-ones	TETRAHEDRON, 59, 677

Anno	Autori	Titolo	Rivista
2003	Lambourne, J. G.; Penent, F.; Lablanquie, P.; Hall, R. I.; Ahmad, M.; Zitnik, M.; Bucar, K.; Odling-Smee, M. K.; Harries, J. R.; Hammond, P.; Waterhouse, D. K.;	Experimental Determination of the Lifetime for the 2p3d(1Po) Helium Doubly Excited State.	PHYSICAL REVIEW LETTERS, 90 153004/1-153004/4.
2003	Cademartiri L., Sutti A., Calestani G., Dionigi C., Nozar P. and Migliori A.	Flux- assisted self- assembly of monodisperse colloids	LANGMUIR, 19, 7944
2003	Dionigi C., Nozar P., Matacotta F.C.	Formaldehyde Removal By Absorption Into Calcium-Copper Mixed Oxide	CHEMICAL ENGINEERING JOURNAL
2003	Trinchi, S. Kaciulis, L. Pandolfi, W. Wlodarski, Y.X.Li, S. Viticoli	Ga2O3 thin film sensors prepared by the sol-gel technique	SENSORS AND ACTUATORS B-CHEMICAL in press
2003	Cataldo, F.; Keheyan, Y.; Baccaro, S.	Gamma radiolysis of a heavy petroleum fraction	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, 258 537-541.
2003	Polzonetti, G.; Contini, G.; Carravetta, V.; Lo Sterzo, C.; Ricci, A.; Ferri, A.; Stranges, S.; De Simone, M.	Gas-Phase Photoemission Investigation of Diethynylthiophene: Experiment and Theory.	JOURNAL OF PHYSICAL CHEMISTRY A, 107 6777-6784
2003	Di Pascasio, F.; Gozzi, D.; Panella, B.; Trionfetti, C.	H2 plasma for hydrogen loading in Pd	INTERMETALLICS, 11 1345-1354
2003	Cataldo, F.; Keheyan, Y.	Heavy petroleum fractions as possible analogues of carriers of the unidentified infrared bands	INTERNATIONAL JOURNAL OF ASTROBIOLOGY, 2 41-50.
2003	Convertino, A. Capobianchi, A.Valentini and E. N. M. Cirillo	High reflectivity Bragg reflectors based on gold nanoparticle/Teflon-like composite material as new approach to the organic solvent detection	SENSORS AND ACTUATORS A-PHYSICAL
2003	Padeletti G.; Fermo P.	How the Master in Umbria/Italy during the Reinassance period generated and used nanoparticles in art fabrication	APPLIED PHYSICS - A, 76 (4), 515
2003	Quagliano L.G.	Human Spermatozoa on Nanostructured Ag Deposited on GaAs Surface	MATERIALS RESEARCH SOCIETY SYMPOSIA PROCEEDINGS Vol. 735, C10.8.1
2003	Scappini F., Cecchi-Pestellini C., Smith H., Klemperer W., and Dalgarno A.	Hydrated sulfuric acid in dense moecular cloud	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, 341 657
2003	Padeletti G., Viticoli M., Cusmà A., Ingo G.M., Santoni A., Loreti S., Minarini C.and Viticoli S.	Influence of growth parameters on properties of electroceramic thin films grown via MO-CVD	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, 5 105-114

Anno	Autori	Titolo	Rivista
2003	Padeletti G., Cusmà A., Ingo G.M., Santoni A., Loreti S., Minarini C. and Viticoli M.	Influence of substrate temperature on the chemical and microstructural properties of MO-CVD ZrTiO <sub>4</sub> thin films	APPLIED PHYSICS - A, 76, 801-808
2003	Cavallini M., Biscarini F., Léon S., Zerbetto F., Bottari G., D. Leigh D. A.	Information storage using supramolecular surface patterns	SCIENCE BREVIA, 299, 531; (erratum 31 Jan 2003).
2003	Trinchi A., Li Y. X., Wlodarski W., Kaciulis S., Pandolfi L., Viticoli S., Comini E., Sberveglieri G.	Investigation of sol-gel prepared CeO <sub>2</sub> -TiO <sub>2</sub> thin films for oxygen gas sensing	SENSORS AND ACTUATORS B-CHEMICAL, 95 145-150
2003	Manera M. G., Leo G., Curri M. L. , Cozzoli P. D., Rella R., Agostiano A., Vasanelli L.	Investigation on alcohol vapours/TiO <sub>2</sub> nanocrystal thin film interaction by SPR technique for sensing application	SENSORS AND ACTUATORS, (2003)
2003	Carbone M., Piancastelli M.N., Casaletto M.P., Zanoni R., Besnard-Ramage M.J., Comtet G., Dujardin G., Hellner L.	Ion photon-stimulated desorption as a tool to monitor the physisorption to chemisorption transition of Benzene on Si(111)7x7	JOURNAL OF PHYSICS-CONDENSED MATTER, 15 L327-L334
2003	Padeletti G.; Fermo P.	Italian Renaissance and Hispano-Moresque luster decorated majolicas imitation cases of Hispano-Moresque style in Central Italy	APPLIED PHYSICS - A, 77 (1), 125-132
2003	Sankari, R.; Kivimaki, A.; Aksela, H.; Aksela, S.; Prince, K. C.; Coreno, M.; Alagia, M.; De Simone, M.	Krypton 3p excitations and subsequent resonant Auger decay	PHYSICAL REVIEW A: Atomic, Molecular, and Optical Physics, 67 032710/1-032710/6.
2003	Romeo, R.; Monsu Scolaro, L.; Plutino, M. R.; Fabrizi de Biani, F.; Bottari, G.; Romeo, A.	Ligand exchange and substitution at platinum(II) complexes: evidence for a dissociative mechanism	INORGANICA CHIMICA ACTA, 350 143-151
2003	Pasquali M., Prosini P.P., Carewska M., Scaccia S. And Wisniewski P.	Long-term cyclability of nanostructured LiFePO <sub>4</sub>	ELECTROCHIMICA ACTA, 48 4205-4211
2003	Palles D., Marucci A., Pénicaud A., and Ruani G.	Low-Temperature Phase Transition in a Biphenyl-Fullerene Single Crystal	JOURNAL OF PHYSICAL CHEMISTRY B, 107, 4904
2003	Cavallini M., Biscarini F., Dediu V., Maticotta F.C., Nozar P., Zamboni R.	Mapping the Spin Gap of Manganite Films in Real Space by Spin-Polarised STM at Ambient Conditions	LOS ALAMOS Preprints
2003	Rau J. V., Nunziante Cesaro S., Chilingarov N. S., Leskiv M.S., Balducci G., and Sidorov L.N.	Mass Spectrometric and FTIR Spectroscopic Identification of FeF <sub>4</sub> Molecules in Gaseous Phase	INORGANIC CHEMISTRY COMMUNICATIONS, 6 643-645
2003	Balducci G.; Cicciole A.; Gigli G.; Kudin L. S.	Mass spectrometry determination of the dissociation energy of the Au Mg diatomic molecule "Mass spectrometric determination of the dissociation	CHEMICAL PHYSICS LETTERS, 369 449-453.

Anno	Autori	Titolo	Rivista
2003	Martinelli G., Plescia P.	Mechanochemical effects on calcite during shear stress	PHYSICS OF THE EARTH AND PLANETARY INTERIORS
2003	Plescia P., Gizzi D., Benedetti S., Fanizza C., De Simone P.	Mechanochemical treatment to recycling asbestos containing wastes	WASTE MANAGEMENT V.23, Issue 3, 209-218
2003	Capelli R., Taliani C. and Muccini M.	Modeling of the photophysical properties of alpha-sexithiophene thin films	SYNTHETIC METALS, 139, 691
2003	Cavallini M., Biscarini F., Gomez-Segura J., Ruiz D., Veciana J.	Multiple Length scale patterning of single molecule magnets	NANO LETTERS 3, 1527-1530
2003	Loi M.A., Da Como E., Zamboni R., Muccini M.	Nanoscale femtosecond spectroscopy for materials science and nanotechnology	SYNTHETIC METALS, 139, 687
2003	De Sefanis A., Tomlinson A.A.G., Steriotis Th. A., Stefanopoulos K. L. and Keiderling U.	Nanostructures of the montmorillonite-derived restructured clays K101, HMO and the Mg <sup>2+</sup> exchanged analogue Mg-HMO. A SANS, N <sub>2</sub> sorption and XRPD study	MATERIALS CHEMISTRY, 2003, 13, 1-5
2003	Cavallini M. & Biscarini F.	Nanostructuring Organic Materials by Lithographically Controlled Wetting	NANO LETTERS 3, 1269-1272
2003	Prince K. C.; Richter R.; De Simone M.; Alagia M.; Coreno M.	Near Edge X-ray Absorption Spectra of Some Small Polyatomic Molecules	JOURNAL OF PHYSICAL CHEMISTRY A, 107 1955-1963.
2003	Bosco A., Centini M., Scissione L., Sibilìa C., Fazio E., Bertolotti M., Fiore A., Convertino A., Cerri L., and Scalora M.	Noncollinear type II second harmonic generation in Al <sub>0.3</sub> Ga <sub>0.7</sub> As/Al <sub>2</sub> O <sub>3</sub> one-dimensional photonic bandgap structure	APPLIED PHYSICS LETTERS, 84 (16), 3010
2003	Lukachova L. V.; Kotel'nikova E. A.; D'Ottavi D.; Shkerin E. A.; Karyakina E. E.; Moscone D.; Palleschi G.; Curulli A.; Karyakin A. A.	Nonconducting polymers on Prussian Blue modified electrodes: improvement of selectivity and stability of the advanced H <sub>2</sub> O <sub>2</sub> transducer	IEEE SENSORS JOURNAL, 3(3), 326-332
2003	Mazzaglia A.; Angelini N.; Darcy R.; Donohue R.; Lombardo D.; Micali N.; Sciortino M.T.; Villari V. and Monsù Scolaro L.	Novel heterotopic colloids of anionic porphyrins entangled in cationic amphiphilic cyclodextrins: spectroscopy investigation and intracellular delivery	CHEMICAL EUR. JOURNAL, 9, 5762-5769
2003	Ciriminna R., M. Pagliaro M.	One-pot homogeneous and heterogeneous oxidation of glycerol to ketomalonic acid mediated by TEMPO	ADVANCED SYNTHESIS & CATALYSIS, 345 383-388
2003	Melpignano P., Sinesi S., Rotaris G., Antonipieri M., Cicoira F., Loi M.A., Muccini M., Zamboni R., Gale M.T., and Westenhofer S.	Optical coupling of flexible microstructured organic light sources for automotive applications	SYNTHETIC METALS, 139, 913

Anno	Autori	Titolo	Rivista
2003	Leo G., Chushkin Y., Luby S., Majkova E., Kostic I., Ulmeanu M., Luches A., Giersig M., Hilgendorff M.	Ordering of free-standing Co nanoparticles	MATERIALS SCIENCE & ENGINEERING - C - BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, 23 (6-8), 949 (2003).
2003	Capelli R., Loi M.A., Santato C., Zamboni R., and Muccini M.	Organic Light-Emitting Transistors: Understanding the Device Physics	JOURNAL OF APPLIED PHYSICS
2003	Badea M.; Curulli A.; Palleschi G.	Oxidase enzyme immobilisation through electropolymerised films to assemble biosensors for batch and flow injection analysis	BIOSENSORS & BIOELECTRONICS, 18(5-6), 689-698
2003	Cavallini M., Mei P., Biscarini F., García R.	Parallel Writing by Local Oxidation Nanolithography with sub-Micrometer Resolution	APPLIED PHYSICS LETTERS 83, 5286-5288
2003	Menozzi, C. Corradini, V. Cavallini, M. Biscarini, F. Betti, M. G.; Mariani, C.	Pentacene self-aggregation at the Au(110)-(1x2) surface: growth morphology and interface electronic states	THIN SOLID FILMS, 428, 227-231
2003	Prince, K. C.; Richter, R.; de Simone, M.; Alagia, M.; Coreno, M.	Photoabsorption cross section and ion-yield spectra of helium double-excitation resonances	PHYSICAL REVIEW A: Atomic, Molecular, and Optical Physics, 68(4B) 044701/1-044701/4.
2003	Sortino S.; Petralia S.; Darcy R. and Donohue R. and Mazzaglia A.	Photochemical outcome modification of diflunisal by a novel cationic amphiphilic cyclodextrin	NEW JOURNAL OF CHEMISTRY, 27, 602-608.
2003	Beeching, L. J.; Dias, A. A.; Dyke, J. M.; Morris, A.; Stranges, S.; West, J. B.; Zema, N.; Zuin, L.	Photoelectron spectroscopy of atomic oxygen using the Elettra synchrotron source	MOLECULAR PHYSICS, 101 575-582.
2003	Carbone M., Piancastelli M.N., Casaletto M.P., Zanoni R., Comtet G., Dujardin G., Hellner L.	Photon-Stimulated Desorption and Fragmentation Processes: Formic Acid on Si(111)7x7	CHEMICAL PHYSICS, 289, 1 93-106
2003	Giordano A., Longo V., Turco Liveri V., Venezia A.M.	Physicochemical investigation of the solubilization of cobalt nitrateinsodiumbis (2-ethylhexyl) sulfosuccinate reversed micelles	COLLOID AND POLYMER SCIENCE 281, 229-238
2003	Teghil, R.; D'Alessio, L.; Santagata, A.; Zaccagnino, M.; Ferro, D.; Sordelet, D. J.	Picosecond and femtosecond pulsed laser ablation and deposition of quasicrystals	APPLIED SURFACE SCIENCE, 210 307-317.
2003	Perez G., Raimondo M., De Stefanis A. and Tomlinson A.A.G.	PLS vs Zeolites as Sorbents and Catalysts. Part 6. Effect of Pore-blocking of Active Sites in FAZA on Conversions of C1-3 Alcohols	APPLIED CATALYSIS - A, 250, 187-195
2003	De Stefanis A., Perez G., Tomlinson A.A.G.	PLS vs Zeolites as Sorbents and Catalysts. Part 7. The Role of Oxide Pillars and Aluminosilicate Sheets in Alcohol Dehydration on PILCs	REACTION KINETICS AND CATALYSIS LETTERS, 79, 227-232.

Anno	Autori	Titolo	Rivista
2003	Bondi M. L., Fontana G., Carlisi B., Giammona G.	Preparation and characterization of solid lipid nanoparticles (SLN) containing cloricromene	DRUG DELIVERY, Vol. 10 Number 4, 245-250 (2003)
2003	Bondarenka V., Grebinskij S. and Mickevicius S., Kinduryus A., Senuliene D., Volkov V., Zakharova G., Kaciulis S., Pandolfi L.	Proton transport and optical properties of vanadium hydrates	ADVANCES IN SCIENCE AND TECHNOLOGY, 37 399-406
2003	Teghil, R.; D'Alessio, L.; Santagata, A.; Ferro, D.; De Maria, G.	Pulsed laser ablation of Nd and Pr carbides	APPLIED SURFACE SCIENCE, 208-209 119-124.
2003	Bellucci A.; Gozzi D.; Nardone M.; Sodo A.	Rutile growth mechanism on TiC monocrystals by oxidation	CHEMISTRY OF MATERIALS, 15 1217-1224.
2003	Chiarotto I., Feroci M.	Selective and Environment Friendly Methodologies Based on the Use of Electrochemistry for Fine Chemical Preparation: an Efficient Synthesis of N,N' - Disubstituted	JOURNAL OF ORGANIC CHEMISTRY, 68, 7137-7139
2003	Bondarenka V., Martunas Z., Kaciulis S., Pandolfi L.	Sol-gel synthesis and XPS characterization of sodium-vanadium oxide bronze thin films	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, 131-132 99-103
2003	Epifani M., Leo G., Lomascolo M., Vasanelli L., Manna L.	Sol-gel synthesis of hybrid organic-inorganic monolith doped with colloidal CdSe/ZnS core-shell nanocrystals	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, 26, 441 (2003).
2003	Dinelli F., Murgia M., Moulin J.F., Cavallini M., Levy P., Biscarini F., De Leeuw D.	Solid-State supramolecular organization of semiconductor a-quinquethiophene	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 125, 10266-10274
2003	Brunetti, B.; Piacente, V.; Scardala, P.	Standard Sublimation Enthalpies of Erbium Trichloride, Tribromide, and Triiodide	JOURNAL OF CHEMICAL AND ENGINEERING DATA, 48(4), 946-950.
2003	Liotta L. F., Macaluso A., Pantaleo G., Longo A., Martorana A., Deganello G., Marci G. and Gialanella S.	Structural and Morphological Investigation of Ce <sub>0.6</sub> Zr <sub>0.4</sub> O <sub>2</sub> Oxides Synthesized by Sol-Gel method: Influence of Calcination and Redox Treatments	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, 26, 235
2003	Watts B. E., Leccabue F., Tallarida G., Ferrari S., Fanciulli M. and Padeletti G.	Surface segregation mechanisms in dielectric thin films	INTEGRATED FERROELECTRICS
2003	Venezia A. M., La Parola V., Deganello G., Pawlec B. and Fierro J. L. G.	Synergetic effect of gold in Pd/Au Catalysts during HDS of model compounds	JOURNAL OF CATALYSIS, 215, 317-325
2003	Ciriminna R., Pagliaro M.	Tailoring the catalytic performance of sol-gel encapsulated tetra-n-propylammonium perruthenate (TPAP) in aerobic oxidation of alcohols	CHEMICAL EUR. JOURNAL, 9, 5067-5073

Anno	Autori	Titolo	Rivista
2003	Martinelli G., Plescia P.	The amorphization of minerals during shear stress: a mechanochemical approach	LITHOS
2003	Buzio R., Boragno C., Buatier de Mongeot F., Biscarini F. and Valbusa U.	The contact mechanics of fractal surfaces	NATURE MATERIALS 2, 233-236
2003	Feroci M., Casadei M.A.; Orsini M.; Palombi L.; Inesi A.	The cyanomethyl anion/carbon dioxide system: an electrogenerated carboxylating reagent. Synthesis of carbamates under mild and safe conditions	JOURNAL OF ORGANIC CHEMISTRY, 68, 1548-1551
2003	Nozar P., Dionigi C., Migliori A., Calestani G. and Cademartiri L.	The early stages of the self-assembly process of polystyrene beads for photonic applications	SYNTHETIC METALS, 139, 667
2003	Ciriminna R., Campestrini S., Pagliaro M.	The effects of material properties on the activity of sol-gel entrapped perruthenate under supercritical conditions	ADVANCED SYNTHESIS & CATALYSIS, 345 1261-1267
2003	Palenzona, A.; Manfrinetti, P.; Brutti, S.; Balducci, G.	The phase diagram of the Yb-Si system	JOURNAL OF ALLOYS AND COMPOUNDS, 348 100-104
2003	Codella C. and Scappini F.	The young cluster in the CB34 globule. The clumps and the outflows	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, 344 1257
2003	Liotta L.F., and Deganello G.	Thermal stability, structural properties and catalytic activity of Pd catalysts supported on CeO <sub>2</sub> -BaO-Al <sub>2</sub> O <sub>3</sub> mixed oxides prepared by sol-gel method	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL, 204-205, 763
2003	Parodi, N.; Borzone, G.; Balducci, G.; Brutti, S.; Ciccioli, A.; Gigli, G.	Thermochemistry of holmium bismuthides	INTERMETALLICS, 11(11-12), 1175-1181.
2003	Brutti S.; Balducci G.; Ciccioli A.; Gigli G.; Manfrinetti P.; Palenzona A.	Thermochemistry of ytterbium silicides	INTERMETALLICS, 11 1153-1159
2003	Cignini P. L.; Gozzi D.; Iervolino M.; Latini A.	Thermodynamics of intermetallics through emf measurements under effusion conditions	INTERMETALLICS, 11(2003) 1167-1174
2003	Martorana, G. Deganello, A. Longo, F. Deganello, L. F. Liotta, A. Macaluso, G. Pantaleo, A. Balerna, C. Meneghini, S. Mobilio	Time-resolved X-ray powder diffraction on TWC catalysts at the GILDA beamline	JOURNAL OF SYNCHROTRON RADIATION, 10, 177
2003	Piacente, V.; Scardala, P.; Brunetti, B.	Vapor Pressures and Sublimation Enthalpies of Gadolinium Trichloride, Tribromide, and Triiodide and Terbium Trichloride, Tribromide, and Triiodide	JOURNAL OF CHEMICAL AND ENGINEERING DATA, 48 637-645.

Anno	Autori	Titolo	Rivista
2003	Scardala, P.; Villani, A. R.; Brunetti, B.; Piacente, V.	Vaporization study of samarium trichloride, samarium tribromide and samarium diiodide	MATERIALS CHEMISTRY AND PHYSICS, 78 637-644.
2003	Venezia A. M.	X-ray Spectroscopy (XPS) for catalyst characterization	CATALYSIS TODAY, 77/4, 359-370
2003	Cozzoli P. D., Curri M. L., Agostiano A., Leo G., Lomascolo M., Taurino A.	ZnO colloidal nanocrystals by a novel non-hydrolytic approach	JOURNAL OF PHYSICAL CHEMISTRY B, 107, 4756 (2003).
2002	Latini A., Di Pascasio F., Gozzi D.	A new synthesis route to light lanthanide borides: borothermic reduction of oxides enhanced by electron beam bombardment	JOURNAL OF ALLOYS AND COMPOUNDS, 346 311-313
2002	Romeo R., Monsù Scolaro L., Plutino M. R., Romeo A., Nicolo F., Del Zotto A.	A Ring closure kinetics of bidentate hemilabile P,N and P,S ligands on a platinum(II) complex	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, 629-638
2002	Liotta L. F., Macaluso A., Arena G. E., Livi M., Centi G. and Deganello G.	A study of the behaviour of Pt supported on CeO <sub>2</sub> -ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> -BaO as NO <sub>x</sub> storage-reduction catalyst for treatment of lean burn engine emissions	CATALYSIS TODAY, 75 439-449
2002	Keheyan Y., Cataldo F.	About a new class of inorganic polymers: the polythiocyanogens [Sz(CNh) <sub>x</sub>	POLYHEDRON, 21 1825-1835
2002	Mazzaglia A., Ravoo B. J., Darcy R., Gambadauro P. and Mallamace F.	Aggregation in water of nonionic amphiphilic cyclodextrins with short hydrophobic substituents	LANGMUIR, 18 1945-1948
2002	Balducci G., Campodonico M., Gigli G., Meloni G., Nunziante Cesaro S.	Atomization energies of the new gaseous molecules OMnF and OMnF <sub>2</sub>	JOURNAL OF CHEMICAL PHYSICS, 117 10613-10620
2002	Romeo R., Fenech L., Carnabuci S., Plutino M. R., Romeo A.	Catalytic Effect of Sulfoxides on the Fluxional Motion of 2,9-Dimethyl-1,10-phenanthroline in a Platinum(II) Complex: Evaluation of Steric and Electronic Contributions	INORGANIC CHEMISTRY, 41 2839-2847
2002	Hajji C., Testa M. L., Zaballos-García E., Zaragoza R. J., Server-Carrió J., Sepúlveda-Arques J.	Chemioselective reactions of N1-methyl-2-hydroxy-3-methylamino-3-phenylpropanamide with electrophiles	TETRAHEDRON, 58 3281
2002	Ingo G. M., Angelini E., Calliari I., Dabala' M. and De Caro T.	Combined use of GDOES and SEM+EDS for the microchemical study of the oxide layers grown at high temperature on Nimonic 80 A nickel based superalloy	SURFACE AND INTERFACE ANALYSIS, 34 507-513
2002	Ingo G. M., Angelini E., Bultrini G., De Caro T., Pandolfi L. and Mezzi A.	Contribution of surface analytical techniques for the microchemical study of archaeological artefacts	SURFACE AND INTERFACE ANALYSIS, 34 328

Anno	Autori	Titolo	Rivista
2002	Ercole C., Cacchio P., Cappuccio G. and Lepidi A.	Deposition of calcium carbonate in karst caves: rate of bacteria in Stiffe's cave	INTERNATIONAL JOURNAL OF SPELEOLOGY, 30A 69-79
2002	Prosini Pier Paolo, Lisi Marida, Zane Daniela, Pasquali Mauro	Determination of the chemical diffusion coefficient of lithium in LiFePO <sub>4</sub>	SOLID STATE IONICS, 148 45-51
2002	Curri M. L., Agostiano A., Leo G., Mallardi A., Cosma P., DellaMonica M.	Development of a novel enzyme/semiconductor nanoparticles system for biosensor application	MATERIALS SCIENCE & ENGINEERING - C - BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, 22, 449 (2002).
2002	Cavallini M., Murgia M. and Biscarini F.	Direct Patterning of Tris-(8-hydroxyquinoline)-Aluminum (III) Thin Film at Submicron Scale by Modified Micro-Transfer Molding	MATERIALS SCIENCE & ENGINEERING, 19 275
2002	Venezia A. M., La Parola V. , Nicolì V., and Deganello G.	Effect of gold on the HDS activity of supported palladium catalysts	JOURNAL OF CATALYSIS, 212 55-62
2002	Convertino Annalisa, Valentini Antonio, Bassi Anna, Ciuffi Nicola, Torsi Luisa and Cirillo Emilio N. M.	Effect of metal cluster on the swelling of gold-fluorocarbon-polymer composite films	APPLIED PHYSICS LETTERS, 80 1565
2002	Chiarotto I., Feroci M.	Electrochemical Carbonylation of Primary Amines to Symmetrical N,N'-Disubstituted Ureas Using Palladium (II) Catalyst in Combination with its Anodic Recycling	ELECTROCHEM. SOC., 2002-15 (New directions in organic electrochemistry), 2002, in press.
2002	Palombi L., Feroci M., Orsini M., Rossi L., Inesi A.	Electrochemical generation of tetraethylammonium N-acetoacetyloxazolidin-2-one enolates: an easy access to alkylated acetoacetic derivatives	TETRAHEDRON LETTERS, 43 2881-2884
2002	Feroci M., Inesi A., Palombi L., Sotgiu G.	Electrogenerated base-induced N-acylation of chiral oxazolidin-2-ones.2.	JOURNAL OF ORGANIC CHEMISTRY, 67 1719-1721
2002	Turdean G. L., Curulli A., Popescu I.C., Rosu C., Palleschi G.	Electropolymerised supramolecular architecture entrapping a trilacunary Keggin-type polyoxometallate for assembling a glucose biosensor	ELECTROANALYSIS, accepted (2002)
2002	Lukachova L. V., Kotel'nikova E. A. , D'Ottavi D., Karyakina E. E., Moscone D., Palleschi G., Curulli A., Karyakin A. A.	Electrosynthesis of Poly-O-Aminobenzene on the Prussian Blue Modified Electrodes for Improvement of Hydrogen Peroxide Transducers Characteristics	BIOELECTROCHEMISTRY, 55 145-148
2002	Padeletti G., Ingo G. M.	Factors determining preferential sputtering in InGaAs system: angle resolved small area XPS investigation	SURFACE AND INTERFACE ANALYSIS, 34 266-270
2002	Palma A., Pasquarello A., Car R.	First principles electronic study of Ti-PTCDA contacts	PHYSICAL REVIEW B, 65 155314

Anno	Autori	Titolo	Rivista
2002	Contini G., Di Castro V., Stranges S., Richter R., Alagia M.	Gas Phase photoemission study of 2-mercaptobenzothiazole	JOURNAL OF PHYSICAL CHEMISTRY A, 106 2833-2837
2002	Monsù Scolaro L., Mazzaglia A., Romeo A., Plutino N. R., Castriciano M., Romeo R.	Geometrical configuration of monomethyl-platinum(II) complexes driven by the size of entering nitrogen ligands	INORGANICA CHIMICA ACTA, 330 189-196
2002	Teghil R., D'Alessio L., Ferro D., Barinov S. M.	Hardness of bioactive glass film deposited on titanium alloy by pulsed laser ablation	JOURNAL OF MATERIALS SCIENCE LETTERS, 21 379
2002	Borgia I., Brunetti B., Mariani I., Sgamellotti A., Cariati F., Fermo P., Mellini M., Viti C., Padeletti G.	Heterogeneous distribution of metal nanocrystals in glazes of historical pottery	APPLIED SURFACE SCIENCE, 185 206-216
2002	Convertino A., Padeletti G., Cerri L., Viticoli S.	High direct band-gaps determination in In <sub>x</sub> Al <sub>1-x</sub> As coherently grown on InP	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B, 20 243-245
2002	Stranges S., Richter R., and Alagia M.	High-resolution inner-shell photoabsorption of the OH and OD free radicals	JOURNAL OF CHEMICAL PHYSICS, 116 3676-3680
2002	Liotta L. F., Deganello G., Sannino D., Gaudino M. C., Ciambelli P. and Gialanella S.	Influence of barium and cerium oxides on alumina supported Pd catalysts for hydrocarbons combustion	APPLIED CATALYSIS A - GENERAL, 229 217-227
2002	Venezia A. M., V., La Parola V., Deganello G., Cauzzi D., Leopardi G. and Predieri G.	Influence of the preparation method on the thiophene HDS activity of silica supported CoMo catalysts	APPLIED CATALYSIS A - GENERAL, 229 261-271
2002	Kaciulis S., Pandolfi L., Viticoli S., Sberveglieri G., Zampiceni E., Wlodarski W., Galatsis K., Li X.Y.	Investigation of thin films of mixed oxides for gas-sensing applications	SURFACE AND INTERFACE ANALYSIS, 34 672-676
2002	Ciccioli A., Rau J. V., Balducci G., Brutti S., Chilingarov N. N., Gigli G., Nunziante Cesaro S. and Sidorov L. N.	Mass Spectrometric Determination of the dissociation energy of Mn <sub>2</sub> F <sub>6</sub> (g)	RAPID COMMUNICATIONS IN MASS SPECTROMETRY, 16 1526
2002	Alagia M., Boustimi M., Brunetti B. G., Candori P., Falcinelli S., Richter R., Stranges S., and Vecchiocattivi F.	Mass spectrometric study of double photoionization of HBr molecules	JOURNAL OF CHEMICAL PHYSICS, 117 1098-1102
2002	Casaletto M. P., Zanoni R., Carbone M., Piancastelli M. N., Weiss K., Aballe L., Horn K.	Methanol adsorption on Si(100)2x1 investigated by high-resolution photoemission	SURFACE SCIENCE, 505 251-259
2002	D'Uffizi M., Falso G., Ingo G. M. and Padeletti G.	Microchemical and micromorphological features of gunshot residues (GSR) as observed by means of the combined use of AFM, SA-XPS and SEM+EDS	SURFACE AND INTERFACE ANALYSIS, 34 502-506

Anno	Autori	Titolo	Rivista
2002	Clavijo Cedeño C., Seekamp J., Kam A. P., Hoffmann T., Zankovych S., Sotomayor Torres C. M., Menozzi C., Cavallini M., Murgia M., Ruani G., Biscarini F., Behl M.,	Nanoimprint Lithography For Organic Electronics	MICROELECTRONIC ENGINEERING, 61-62 25-31
2002	Bruno M., Bondi M. L., Rosselli S., Maggio A., Piozzi F., Arnold N. A.	Neoclerodane diterpenoids from <i>Teucrium montbretii</i> subsp. <i>libanoticum</i> and their absolute configuration	JOURNAL OF NATURAL PRODUCTS, 142-146
2002	Monsù Scolaro L., Castriciano M. A., Romeo A., Mazzaglia A., Mallamace F. and Micali N.	Nucleation effects in the aggregation of water-soluble porphyrin aqueous solutions	PHYSICA A, 304 158-169
2002	Dabagov S. B., Marcelli A., Cappuccio G., Burattini E.	On propagation of X-rays in capillary channels	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, 187 169-177
2002	Flamini A., Capobianchi A. and Convertino A.	Optical properties of the LB Multilayer films of 5-amino-3-octadecylimino-1,2,6,7-tetracyano-3H-pyrrolizine	MATERIALS SCIENCE & ENGINEERING - C - BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, 903
2002	Casaletto M. P., Lisi L., Mattogno G., Patrono P., Ruoppolo G., Russo G.	Oxidative dehydrogenation of ethane on alfa-Al <sub>2</sub> O <sub>3</sub> supported vanadyl and iron vanadyl phosphates. Physico-chemical characterisation and catalytic	APPLIED CATALYSIS A - GENERAL, 226 41-48
2002	Deganello F., Martorana A.	Phase analysis and oxygen storage capacity of ceria-lanthana-based TWC promoters prepared by sol-gel routes	JOURNAL OF SOLID STATE CHEMISTRY, 163 527
2002	Almerico A. M., Mingoia F., Diana P., Barraja P., Montalbano A., Lauria A., Loddo R., Sanna L., Delpiano D., Setzu M. G., Musiu C.	Pirrolo[1,2-f]phenantridines and Related Non-Rigid Analogues as Antiviral Agents	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 37 3-10
2002	Dediu V., Murgia M., Maticotta F. C., Taliani C. and Barbanera S.	Room temperature spin polarized injection in organic semiconductor	SOLID STATE COMMUNICATIONS, 122 181
2002	Monsù Scolaro L., Romeo A., Mazzaglia A. and Mallamace F.	Scaling properties in the internal structure of dendrimer systems	PHYSICA A, 235-243
2002	Ferragina C., Cafarelli P., and Perez G.	Selective Isomerisation of -Pinene	REACTION KINETICS AND CATALYSIS LETTERS, 77 173-179
2002	Bruno M., Rosselli S., Bondi M. L., Gedris T. E., Herz W.	Sesquiterpene lactones of <i>Anthemis alpestris</i>	BIOCHEMICAL SYSTEMATICS AND ECOLOGY, 2002
2002	Codella C., Scappini F., Bachiller R. and Benedettini M.	SO and SiO emission around the young cluster in the CB34 globule	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, 331 893

Anno	Autori	Titolo	Rivista
2002	Ciriminna R., Bolm C., Fey T., Pagliaro M.	Sol-gel Ormosils doped with TEMPO as Recyclable Catalysts for the Selective Oxidation of Alcohols	ADVANCED SYNTHESIS & CATALYSIS, 344 159-163
2002	Lin R., Galili M., Quaade U. J., Brandbyge M., Bjørnholm Th., Degli Esposti A., Biscarini F., and Stokbro K.	Spontaneous Dissociation of a Conjugated Molecule on Si(1000) Surface	JOURNAL OF CHEMICAL PHYSICS, 117 321-330
2002	Cavallini M., Biscarini F., Massi M., Farran-Morales A., Leigh D. A. and Zerbetto F.	Spontaneous fabrication of microscopic arrays of molecular structures with submicron length scales	NANO LETTERS 2, 635 (2002)
2002	Monsù Scolaro L., Mazzaglia A., Romeo A. and Romeo R.	Stereochemical configuration driven by ligand size in organometallic platinum (II) complexes	INORGANICA CHIMICA ACTA, 330 189-196
2002	La Parola V., Deganello G., Tewell C. R. and Venezia A. M.	Structural characterization of silica supported CoMo catalysts by UV Raman Spectroscopy, XPS and X-ray diffraction techniques	APPLIED CATALYSIS A - GENERAL, 235 171-180
2002	Bellucci A., Di Pascasio F., Gozzi D., Loreti S., Minarini C.	Structural characterization of TiO <sub>2</sub> films obtained by high temperature oxidation of TiC single	THIN SOLID FILMS, 405 1-10
2002	Curri M. L., Agostiano A., Della Monica M., Leo G., Lomascolo M., Alvisi M., Vasanelli L.	Structural, Optical and Chemical Properties of ZnS and CdS Nanoparticles Obtained by an Improved Colloidal Chemistry Synthetic Route	MATERIALS RESEARCH SOCIETY SYMPOSIA PROCEEDINGS, 606
2002	Ingo G. M., Angelini E., Bultrini G., Calliari I., Dabala' M., De Caro T.	Study of long term corrosion layers grown on high tin leaded bronzes by means of the combined use of GDOES and SEM+EDS	SURFACE AND INTERFACE ANALYSIS, 34 337-342
2002	Gusmano G., Bianco A., Viticoli M., Kaciulis S., Mattogno G., Pandolfi L.	Study of Zr <sub>1-x</sub> Sn <sub>x</sub> TiO <sub>4</sub> thin films prepared by polymeric precursor route	SURFACE AND INTERFACE ANALYSIS, 34 690-693
2002	Villani R., Scardala P., Brunetti B., Piacente V.	Sublimation Enthalpies of Neodymium Trichloride, Tribromide and Triiodide from Torsion Vapor	JOURNAL OF CHEMICAL AND ENGINEERING DATA, 47 428
2002	Brunetti B., Porta Ione G., Piacente V.	Sublimation Thermodynamic Parameters for 5-Fluorouracil and its 1-Methyl and 1,3- Dimethyl-	JOURNAL OF CHEMICAL AND ENGINEERING DATA, 47 17
2002	Schenning P. H. J., Kilbinger A. F. M., Biscarini F., Cavallini M., Cooper H. J., Derrick P. J., Feast W. J., R. Lazzaroni R., Leclère Ph., McDonell L. A., Meijer E. W.,	Supramolecular Organization of alfa,alfa-Disubstituted Sexithiophenes	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 124 1269-1275
2002	Casaletto M. P., Kaciulis S., Mattogno G., Pandolfi L., Scavia G., Dori L., Nicoletti S., Severi M., Zampolli S.	Surface study of thin film gas sensors on a micro-machined substrate	APPLIED SURFACE SCIENCE, 189 39-52

Anno	Autori	Titolo	Rivista
2002	Monsù Scolaro L., Mazzaglia A., Romeo A. and Romeo R.	Synthetic procedures to monomethyl-platinum complexes containing nitrogen ligands of biological relevance	JOURNAL OF INORGANIC BIOCHEMISTRY, 2002
2002	Scappini F., Casu S., Cecchi-Pestellini C. and Oldberg M.	The discovery of a clumpy structure in the diffuse gas towards Cygnus OB N.12	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, 337 495
2002	Degli Esposti A., Brinkmann M. and Ruani G.	The dynamics of the internal phonons tris(quinolin-8-olato) aluminium (III) in crystalline $\beta$ -phase	JOURNAL OF CHEMICAL PHYSICS, 116 798
2002	Biscarini F., Cavallini M., Leigh D. A., León S., Teat S. J., Wong J. K. Y., and Zerbetto F.	The Effect of Mechanical Interlocking on Crystal Packing: Predictions and Testing	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 124 225-233
2002	Favero Laura B., Velino Biagio, Maris Assimo, Caminati Walther	The internal rotation and inversion pathways of the NH <sub>2</sub> group in equatorial amino cyclobutane	JOURNAL OF MOLECULAR STRUCTURE, 612 357-367
2002	Degli Esposti A., M. Brinkmann M., G. Ruani and R. Zamboni	The Intramolecular Vibrational Dynamics of Mer-Tris (8-Hydroxyquinoline) Aluminum (III)	SYNTHETIC METALS, 903 247
2002	Kalinowski J., Giro G., Cocchi M., Fattori V. and Zamboni R.	The nature of emitting states in electroluminescence of polymeric films doped with anthracene and anthracene – based supramolecules	CHEMICAL PHYSICS, 277 387
2002	Pasqua G., Monacelli B., Manfredini C., Loreto F., Perez G.	The role of isoprenoid accumulation and oxidation in sealing wounded needles of Mediterranean pines	PLANT SCIENCE, 163 359-359
2002	Fermo P., Cariati F., Cipriani C., Canetti M., Padeletti G., Brunetti B., Sgamellotti A.	The use of Small Angle X-ray Scattering (SAXS) for the characterisation of luster surfaces in Renaissance Majolica	APPLIED SURFACE SCIENCE, 185 309-316
2002	Di Pascasio F., Gozzi D.; Parodi N., Borzone G.	Thermodynamic Properties of Me <sub>2</sub> Ni <sub>17</sub> (Me = Sm, Dy, Vb) Intermetallics by Solid Electrolyte Cells under Effusion Conditions	JOURNAL OF PHYSICAL CHEMISTRY B, 106 4284-4293
2002	Cucinotta V., Grasso G., Maccarone G., Mazzaglia A., Vecchio G.	Three-dimensional cyclodextrins. Diaminotrehalose-capped beta-cyclodextrin: a thermodynamic and spectroscopic study	SUPRAMOLECULAR SCIENCE, 2002
2002	Carbone M., Piancastelli M. N., Casaletto M. P., Zanoni R., Comtet G., Dujardin G., Hellner L.	Toluene adsorption on Si(111)7x7 studied by synchrotron-radiation photoemission	SURFACE SCIENCE, 498 186-192
2002	De Tomasi F., Perrone M. R., Protopapa M. L., Leo G.	Ultraviolet laser processing of SmS films	THIN SOLID FILMS, 413 (1-2), 171-176 (2002).

Anno	Autori	Titolo	Rivista
2002	Piacente V., Brunetti B., Scardala P., Villani A. R.	Vapor Pressure and Sublimation Enthalpies of Holmium Trichloride, Tribromide, and Triiodide	JOURNAL OF CHEMICAL AND ENGINEERING DATA, 47 388
2002	Kapala Jan, Roszak Szczepan, Nunziante Cesaro Stella and Miller Miroslaw	Vaporization of LnCl <sub>3</sub> and thermochemistry of Ln <sub>2</sub> Cl <sub>6</sub> (g), Ln = Ce, Pr, Nd, Dy <sub>2</sub>	JOURNAL OF ALLOYS AND COMPOUNDS, 345 90-99
2002	Ruani G., Fontanini C., Murgia M. and Taliani C.	Weak intrinsic charge transfer complexes: A new route for developing wide spectrum organic photovoltaic cells	JOURNAL OF CHEMICAL PHYSICS, 116 1713 (2002)
2002	Casaletto M. P., Kaciulis S., Mattogno G., Mezzi A., Ambrosio L., Branda F.	XPS characterisation of biocompatible hydroxyapatite-polymer coatings	SURFACE AND INTERFACE ANALYSIS, 34 45-49
2001	Testa M. L., Hajji C., Zaballos-García E., García-Segovia A. B., Sepúlveda-Arques J.	Asymmetric synthesis of (-)-pseudoephedrine from (2S,3S)-3-phenyloxiran-2-ylmethanol. Stereospecific interchange of amino and alcohol function	TETRAHEDRON-ASYMMETRY , 2001, 12, 1369
2001	Curulli A.; Dragulescu S.; Cremisini C.; Palleschi G.	Bienzyme amperometric probes for choline and choline esters assembled with nonconducting electrosynthesized polymers	ELECTROANALYSIS, 13(3), 236-242
2001	Munn R. W., Andrzejak N., Petelenz P., Degli esposti A. and Taliani C.	Calculation of refractive indices and local electric field tensors in alpha-sexithipene crystal	CHEMICAL PHYSICS LETTERS, 336, 357 (2001)
2001	Venezia A. M., Liotta L.F., Deganello G., Schay Z., Horváth D. and Guczi L.	Catalytic CO oxidation over pumice supported Pd-Ag catalysts	APPLIED CATALYSIS - A, 211, 167-174, 2001
2001	Curri M.L.; Leo G.; Alvisi M.; Agostiano A.; Della Monica A.; Vasanelli L.	CdS nanocrystal form a quaternary water-in-oil microemulsion: preparation and characterisation of self-assembled layers	JOURNAL OF COLLOID AND INTERFACE SCIENCE, 243, 165-170
2001	Muccini M., Schneider M. and Taliani C.	Chainlength dependence of interchain splitting in electroluminescent organic conjugated materials	SYNTHETIC METALS, 116, 301 (2001)
2001	Cavallini M., Lazzaroni R., Zamboni R., Biscarini F., Timpel D., Zerbetto F., Clarkson G. J. And Leigh D.A.	Conformational self-recognition as the origin of dewetting in bistable molecular surfaces	JOURNAL OF PHYSICAL CHEMISTRY B, 105, 10826 (2001)
2001	De Stefanis A.; Perez G.; Lilla E.; Ursini O.; Tomlinson A.A.G.	Conversion of resins and asphaltthenes in porous catalyst	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, 57, 37
2001	Martorana, A. Longo F. D'Acapito, C. Maurizio, E. Cattaruzza and F. Gonella, G. Battaglin, C. Sada, G. Mattei, P. Mazzoldi, F. Zontone	Double implantation in silica glass for metal cluster composite formation: a study by synchrotron radiation techniques	JOURNAL OF NON-CRYSTALLINE SOLIDS, 280 241-248 (2001)

Anno	Autori	Titolo	Rivista
2001	Venezia A. M., La Parola V., Longo A. and Martorana A.	Effect of alkali ions on the amorphous to cristalline phase transition of silica	JOURNAL OF SOLID STATE CHEMISTRY, 161, 373-378, (2001)
2001	Alagna L., Capobianchi A., Casaletto M.P., Mattogno G., Paoletti A.M., Pennesi G., Rossi G.	Effect of molecular packing on solid state spectra of ruthenium phthalocyanine: anomalous behaviour of a monodimensional stacked assembly	JOURNAL MATERIALS CHEMISTRY, 11, (2001) 1928-1935
2001	Turdean G. L.; Curulli A.; Popescu I.C.; Rosu C.; Palleschi G.	Electropolymerised architecture entrapping a trilacunary Keggin-type polyoxometallate for assembling a glucose biosensor	CHEMICAL AND BIOLOGICAL SENSORS AND ANALYTICAL METHODS, 245-250, 2001
2001	Balerna A., Deganello G., Liotta L.F., Longo A., Martorana A., Meneghini C., Mobilio S., Venezia A.M.	EXAFS and XRD study of Pd-Ag bimetallic catalysts supported on pumice from organometallic precursors	JOURNAL OF NON-CRYSTALLINE SOLIDS, 293-295, 682-687, 2001.
2001	Giro G.; Cocchi M.; Fattori V.; Gadret G.; Ruani G.; Murgia M.; Cavallini M.; Biscarini F.; Zamboni R.; Loontjens T.; Thies J.; Leigh D.A.; Morales A.F.	Excimer-like electroluminescence from thin films of switchable supermolecular anthracene-based rotaxanes	SYNTHETIC METALS, 122, 27
2001	Bruno M., Bondi M. L., Rosselli S., Piozzi F., Al-Hillo M.R.Y., Lamara K., Ladjel S.	Further furoclerodanes from Teucrium maghrebinum	EUROPEAN JOURNAL ORGANIC CHEMISTRY, 2001, 1669-1671
2001	Iannace S.; Maffezzoli A.; Leo G.; Nicolais L.	Influence of crystal and amorphous phase morphology on hydrolytic degradation of PILLA subjected to different processing conditions	POLYMER 42, 3799
2001	Gusmano G.; Montanari R.; Montesperelli G.; Tata M.E.; Bemporad E.; Valente M.; Kaciulis S.; Mattogno G.	Influence of Si, Ni and Co additions on gold alloy for investment cast process	JOURNAL OF ALLOYS AND COMPOUNDS, 325, 252-258
2001	Murgia M., Biscarini F., Cavallini M., Taliani C. and Ruani G.	Interdigitated p-n junction: a root to improve the efficiency in organic photovoltaic cells	SYNTHETIC METALS, 121, 1533 (2001)
2001	Brinkamnn M., Gadret G., Taliani C., Masciocchi N., Sironi A. and Muccini M.	Interplay between optical properties and molecular packing in novel isolated crystalline phases of tris-(8-hidroxyquinoline) Aluminium (III)	SYNTHETIC METALS, 121 1499 (2001)
2001	Liotta L.F., Venezia A.M., Deganello G., Longo A., Martorana A., Schay Z. and Gucci L.	Liquid phase selective oxidation of benzyl alcohol over Pd-Ag catalysts supported on pumice	CATALYSIS TODAY, 66, 271-276, 2001
2001	Degli Esposti A., Muccini M. and Ruani G.	Modelling of vibrational Davydov splittings in alpha-T6 single crystal	SYNTHETIC METALS, 199 237 (2001)
2001	Muccini M., Murgia M., Biscarini F. and Taliani C.	Morphology controlled energy transfer in coniugated molecular thin films	ADVANCED MATERIALS, 13, 355 (2001)

Anno	Autori	Titolo	Rivista
2001	Taliani C., Biscarini F., Lunedei E., Mei P., Muccini M., Murgia M., Schneider M. and Lanzani G.	Nanostructured organic thin films: electroni energetics and devices	INTERNATIONAL JOURNAL OF MODERN PHYSICS B, 15, 3722 (2001)
2001	Cucinotta V., Giuffrida A., Grasso G., Maccarrone G., Mazzaglia A., Vecchio G.	New cyclodextrins derivatives as chiral selectors in capillar electrophoresis	FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY, 2001, 370, 363-366
2001	Badea M.; Amine A.; Palleschi G.; Moscone D.; Volpe G.; Curulli A.	New electrochemical sensors for detection of nitrites and nitrates	JOURNAL OF ELECTROANALYTICAL CHEMISTRY, 509(1), 66-72 (2001)
2001	Mazzaglia A., Donohue R., Ravoo B.J., and Darcy R.	Novel amphiphilic Cyclodextrins: Graft-Synthesis of Heptakis (6-deoxy-6alkylthio) beta-Cyclodextrin 2-Oligo(Ethylene Glycol) Conjugates and Their w-Halo	EUROPEAN JOURNAL ORGANIC CHEMISTRY, . 2001 1715-1721
2001	Bruno M., Bondi M.L., Piozzi F., Arnold N.A., Simmonds M.S.J.	Occurrence of 18-hydroxyballonigrine in Ballota saxatilis ssp. saxatilis from Lebanon	BIOCHEMICAL SYSTEMATICS AND ECOLOGY, 2001, 29, 429-431
2001	Gadret G, Ruani G., Cavallini M., Biscarini F., Murgia M., Zamboni R., Giro G., Cocchi M., Fattori V., Loontjens T., Leigh D. A., Morales A. F. and Mahrt R. F.	Optical and electroemission properties of thin films of supermolecular anthracene-based raxanes	APPLIED SURFACE SCIENCES, 175-176 369 2001
2001	Muccini M., Brinkmann M., Gadret G., Taliani C., Masciocchi N. and Sironi A.	Optical spectroscopy of unsolvated and solvated crystalline alq3	SYNTHETIC METALS, 122, 31 (2001)
2001	Gruttadauria M., Liotta L. F., Noto R. and Deganello G.	Palladium on pumice: new catalysts for the stereoselective semihydrogenation of alkynes to (Z)-alkenes	TETRAHEDRON LETTERS, 42, 2015-2017, 2001
2001	Cavallini M., Murgia M. and Biscarini F.	Patterning a conjugated molecular thin film at submicron scale by modified micro-transfer molding	NANO LETTERS, 1, 193 (2001)
2001	Giro G., Cocchi M., fattori V., Gadret G., Ruani G., Murgia M., Cavallini M., Biscarini F., Zamboni R., Loontjens T., Thies J., Leigh D.A., Morales A.F., Mahrt R.	Photophysical properties of thin films and solid phase of switchable supermolecular anthracene-based rotaxanes	SYNTHETIC METALS, 122, 63 (2001)
2001	Milella E.; Barra G.; Ramires P.A.; Leo G.; Aversa P.; Romito A.	Poly(l-lactide)acid/alginate composite membranes for guided tissue generation	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, 57, 248
2001	Calandra P., Longo A., Turco Liveri V.	Preparation and characterization of Na <sub>2</sub> and ZnSO <sub>4</sub> nanoparticles in Water/AOT/n-Heptane microemulsion	COLLOID AND POLYMER SCIENCE 279, 1112-1117 (2001)
2001	Marci G., Augugliaro V., Lopez-Munoz M. J., Martin C., Palmisano L., Rives V., Schiavello M., Tilley R. J. D. and Venezia A. M.	Preparation, Characterization and Photocatalytic activity of Polycrystalline ZnO/TiO <sub>2</sub> Systems. Part II: Surface, Bulk Characterization and 4-Nitrophenol Photodegradation in	JOURNAL OF PHYSICAL CHEMISTRY, 105, 1033-1040, (2001)

Anno	Autori	Titolo	Rivista
2001	Setkus A.; Galdikas A.; Mironas A.; Simkiene I.; Ancutiene I.; Janickis V.; Kaciulis S.; Mattogno G.; Ingo G.M.	Properties of CuxS thin film based structures: influence on the sensitivity to ammonia at room temperature	THIN SOLID FILMS, 391, 275-281
2001	Mingoia F.	Reactivity of 5-(3-azidophenyl)-1-(1H-pyrrol-3-yl)pyrroles in TFMSA. A route for new ring systems as DNA-interactive agents	TETRAHEDRON, 2001, 57, 10147-10153
2001	Viville P., Biscarini F., Brédas J. L. and Lazzaroni R.	Scaling aspects of the kinetics of thermally-induced phase separation in bisphenol-A polycarbonate/poly(methyl methacrylate) blends	JOURNAL OF PHYSICAL CHEMISTRY B, 105, 7499 (2001)
2001	Bruno M., Rosselli S., Pibiri I., Piozzi F., Bondi M. L., Simmonds M.S.J.	Semisynthetic derivatives of ent-kauranes and their antifeedant activity	PHYTOCHEMICAL ANALYSIS, 2001, 58, 463-474
2001	Gruttadauria M., Liotta L. F., Noto R. and Deganello G.	Sol-gel entrapped chromium(VI): a new selective, efficient and recyclable oxidizing system	TETRAHEDRON LETTERS, 42, 5199-5201, 2001
2001	Epifani M.; Alvisi M.; Mirengi L.; Leo G.; Siciliano P.; Vasanelli L.	Sol-Gel processing and characterisation of pure and metal doped SnO <sub>2</sub> thin film	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 84, 48-54
2001	Gadret G., Zamboni R., Schouwink P., Mahrt R. F., Thies J., Loontjens T. and Leigh D.A.	Solid-state optical properties of the methyl-exopyridine-anthracene rotaxane	CHEMICAL PHYSICS, 269, 381 (2001)
2001	Caminiti R.; Capobianchi A.; Marovino P.; Paoletti A.M.; Padeletti G.; Pennesi G.; Rossi G.	Structural and morphological characterisation of Ruthenium phthalocyanine films by energy dispersive X-ray diffraction (EDXD) and atomic force microscopy (AFM)	THIN SOLID FILMS, 382, 74
2001	Passaseo A.; Rinaldi R.; Longo M.; Antonaci S.; Convertino A.; Cingolani R.; Taurino A.; Catalano M.	Structural study of InGaAs/GaAs quantum dots grown by MOCVD for optoelectronic applications at 1.3mm	JOURNAL OF APPLIED PHYSICS, 89 (8), 4341
2001	Ravoo B. J., Darcy R., Mazzaglia A., Nolan D. and Gaffney K.	Supramolecular tapes formed by a catanionic cyclodextrins in water	CHEMICAL COMMUNICATION, 2001, 827-828
2001	Casaletto M.P., Ingo G.M., Kaciulis S., Mattogno G., Pandolfi L. and Scavia G.	Surface studies of in vitro biocompatibility of titanium oxide coatings	APPLIED SURFACE SCIENCE, 172, 1-2 (2001) 167-177
2001	Feast W. J., Lovenich P.W., Puschmann H. and Taliani C.	Synthesis and structure of 4,4'-bis (2,3,4,5,6-penta-fluorostyryl) stilbene, as self-assembling J aggregate based on aryl-fluoroaryl interactions	CHEMICAL COMMUNICATION, 505 (2001)
2001	Muccini M., Murgia M. and Taliani C.	temperature dependent optical emission efficiency in vacuum sublimed alpha-sexithienyl thin films	SYNTHETIC METALS, 121 1347 (2001)

Anno	Autori	Titolo	Rivista
2001	Setkus A.; Galdikas A.; Mironas A.; Simkiene I.; Ancutiene I.; Janickis V.; Kaciulis S.; Mattogno G.; Ingo G.M.	The room temperature ammonia sensor based on improved CuxS-porous-Si-structure	SENSORS AND ACTUATORS
2001	Luby S.; Majkova E.; Jergel M.; Leo G.; Tundo S.; Vasanelli L.; D'Anna A.; Luches A.; Martino M.	The thermal stability of tungsten/silicon multilayered nanostructures	MATERIALS SCIENCE & ENGINEERING - C - BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, 15, 187-189
2001	Urbasch G., Giessen H., Murgia M., Zamboni R. and Mahrt R.F.	Time-resolved stimulated emission in an alpha-sexithienyl thin film	SYNTHETIC METALS, 116, 49, (2001)
2001	Martorana, A. Longo F. D'Acapito, C. Maurizio, E. Cattaruzza and F. Gonella	Treatment of grazing-incidence small angle X-ray scattering data taken above the critical angle	JOURNAL OF APPLIED CRYSTALLOGRAPHY, 34 152-156 (2001)
2001	Rizzoli R., Summonte C., Plà J., Centurioni E., Ruani G., Desalvo A. and Zignani F.	Ultrathin mc-Si films deposited by PECVD	THIN SOLID FILMS, 383, 7 (2001)
2001	Bemporad E.; Carassiti F.; Kaciulis S.; Mattogno G.	Verification of layered structures in SnO <sub>2</sub> /metal-based gas sensors by X-ray microanalysis: comparison with X-ray photoelectron spectroscopy	MICROSCOPY AND MICROANALYSIS, 7, 518-525
2001	Casaletto M.P., Kaciulis S., Lisi L., Mattogno G., Mezzi A., Patrono P., Ruoppolo G., Russo G.	XPS characterisation of iron-modified vanadyl phosphate catalysts	APPLIED CATALYSIS A - GENERAL, 218, 1-2 (2001) 129-137
2001	Bondarenka V.; Grebinskij S.; Kaciulis S.; Mattogno G.; Mickevicius S.; Tvardauskas H.; Volkov V.; Zakharova G.	XPS study of vanadium-yttrium hydrates	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, 120, 131-135
2001	Bianco A.; Viticoli M.; Gusmano G.; Paci M.; Padeletti G.; Scardi P.	Zirconium tin titanate thin films via aqueous polymeric precursors route	MATERIALS SCIENCE & ENGINEERING - C - BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, 15, 211-213
2000	Mattiello L.; Feroci M.; Rampazzo L.; Inesi A.	Electrochemistry of halogenated adamantane derivatives in the absence and in the presence of CO <sub>2</sub>	ELECTROCHEM. SOC., 2000-15 (New directions in organic electrochemistry), 2000, 68-71.
2000	Padeletti G.; Pergolini S.; Montesperelli G.; D'Alessandro A.; Campoli F.; Maltese P.	Evaluation of structural and adhesive properties of Nylon 6 and PTFE alignment films by means of Atomic Force Microscopy	APPLIED PHYSICS - A 71, 571
2000	Bassi A.; Valentini A.; Convertino A.	Gold-doping effects on swelling of teflon-like thin films	APPLIED PHYSICS - A 71(1), 109
2000	Scanni A.; Valentini A.; Perna G.; Convertino A.	Photoluminescence analysis on Teflon bulk and teflon-like films grown by ion beam sputtering	JOURNAL OF LUMINESCENCE, 91(1-2), 87-90

Anno	Autori	Titolo	Rivista
2000	Fabbri F.; Padeletti G.; Petrisor T.; Celentano G.; Boffa V.	Surface morphology of pulsed laser deposited Yba2cU307-d and NdBa2Cu307-d thin films on SrTi03 substrates	SUPERCONDUCTOR SCIENCE & TECHNOLOGY, 13, 1492
2000	D'Addabbo A.; Valentini A.; Convertino A.	Swelling of CFx and CFx/Au films	JOURNAL OF APPLIED PHYSICS, 87(4), 2039
2000	Casadei M. A.; Feroci M.; Inesi A.; Rossi L.; Sotgiu G.	The reaction of 1,2-amino alcohols with carbon dioxide in the presence of 2-pyrrolidone electrogenerated base. New synthesis of chiral oxazolidin-2-ones	JOURNAL OF ORGANIC CHEMISTRY, 65, 4759-4761.
2000	Feroci M.; Inesi A.; Rossi L.	The reaction of amines with an electrogenerated base. Improved synthesis of arylcarbamic esters	TETRAHEDRON LETTERS, 41, 963-966.
2000	Convertino A.; Visconti P.; Cingolani R.	Wide band gap amorphous hydrogenated carbon films grown by plasma enhanced chemical vapour deposition	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A - VACUUM SURFACES AND FILMS 18(2), 356