Nicoletta Ditaranto

List of Publications by Year
in descending order

138	5,728	100601	97045
papers	citations	38 h-index	71 g-index

141	141	141	9090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enzyme based amperometric wide field biosensors: Is singleâ€molecule detection possible?. Electrochemical Science Advances, 2023, 3, .	1.2	4
2	Enzyme based field effect transistor: Stateâ€ofâ€theâ€art and future perspectives. Electrochemical Science Advances, 2023, 3, .	1.2	5
3	Recent advances on the spectroscopic characterization of microbial biofilms: A critical review. Analytica Chimica Acta, 2022, 1195, 339433.	2.6	15
4	Opto-Electronic Characterization of Photocatalysts Based on p,n-Junction Ternary and Quaternary Mixed Oxides Semiconductors (Cu2O-In2O3 and Cu2O-In2O3-TiO2). Catalysts, 2022, 12, 153.	1.6	8
5	Application of pervaporation membranes to the direct carboxylation of ethene glycol using CeO2-based catalystsâ€"Comparison of the batch reaction to a flow reaction in SC-CO2. Journal of CO2 Utilization, 2022, 58, 101918.	3.3	3
6	On the Efficacy of ZnO Nanostructures against SARS-CoV-2. International Journal of Molecular Sciences, 2022, 23, 3040.	1.8	25
7	Electrochemical and X-ray Photoelectron Spectroscopy Surface Characterization of Interchain-Driven Self-Assembled Monolayer (SAM) Reorganization. Nanomaterials, 2022, 12, 867.	1.9	3
8	A large-area organic transistor with 3D-printed sensing gate for noninvasive single-molecule detection of pancreatic mucinous cyst markers. Analytical and Bioanalytical Chemistry, 2022, 414, 5657-5669.	1.9	11
9	Selective Aerobic Oxidation of Furfural into Furoic Acid over a Highly Recyclable MnO₂@CeO₂ Coreâ€"Shell Oxide: The Role of the Morphology of the Catalyst. ACS Sustainable Chemistry and Engineering, 2022, 10, 8615-8623.	3.2	8
10	Improvement of Kiteplatin Efficacy by a Benzoato Pt(IV) Prodrug Suitable for Oral Administration. International Journal of Molecular Sciences, 2022, 23, 7081.	1.8	9
11	Selenium-doped hydroxyapatite nanoparticles for potential application in bone tumor therapy. Journal of Inorganic Biochemistry, 2021, 215, 111334.	1.5	26
12	Electrodecoration and Characterization of Superparamagnetic Iron Oxide Nanoparticles with Bioactive Synergistic Nanocopper: Magnetic Hyperthermia-Induced Ionic Release for Anti-Biofilm Action. Antibiotics, 2021, 10, 119.	1.5	8
13	Effective Inclusion of Sizable Amounts of Mo within TiO₂ Nanoparticles Can Be Obtained by Reverse Micelle Solâ€"Gel Synthesis. ACS Omega, 2021, 6, 5379-5388.	1.6	16
14	A New Nanocomposite Packaging Based on LASiS-Generated AgNPs for the Preservation of Apple Juice. Antibiotics, 2021, 10, 760.	1.5	4
15	Ag-Based Synergistic Antimicrobial Composites. A Critical Review. Nanomaterials, 2021, 11, 1687.	1.9	38
16	Oxidized Alginate Dopamine Conjugate: In Vitro Characterization for Nose-to-Brain Delivery Application. Materials, 2021, 14, 3495.	1.3	15
17	Reverse Micelle Strategy for the Synthesis of MnO_xâ€"TiO₂ Active Catalysts for NH₃-Selective Catalytic Reduction of NO_x at Both Low Temperature and Low Mn Content. ACS Omega, 2021, 6, 24562-24574.	1.6	12
18	Sensing nanoparticle-protein corona using nanoparticle enhanced Laser Induced Breakdown Spectroscopy signal enhancement. Talanta, 2021, 235, 122741.	2.9	11

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19	Gold nanoparticles obtained by ns-pulsed laser ablation in liquids (ns-PLAL) are arranged in the form of fractal clusters. Journal of Nanoparticle Research, 2021, 23, 1.	0.8	9
20	Effect of chirality on the anticancer activity of Pt(<scp>ii</scp>) and Pt(<scp>iv</scp>) complexes containing 1R,2R and 1S,2S enantiomers of the trans-1,2-diamino-4-cyclohexene ligand (DACHEX), an analogue of diaminocyclohexane used in oxaliplatin. Dalton Transactions, 2021, 50, 15655-15668.	1.6	7
21	Ultimately Sensitive Organic Bioelectronic Transistor Sensors by Materials and Device Structure Design. Advanced Functional Materials, 2020, 30, 1904513.	7.8	97
22	Pros and Cons of Sacrificial Anode Electrolysis for the Preparation of Transition Metal Colloids: A Review. ChemElectroChem, 2020, 7, 386-394.	1.7	15
23	Novel polyethylene oxide coatings implementing ultra-stable laser-ablated silver nanoparticles. Applied Surface Science, 2020, 507, 145156.	3.1	13
24	Electrochemical Preparation of Synergistic Nanoantimicrobials. Molecules, 2020, 25, 49.	1.7	17
25	Cu Nanoparticle-Loaded Nanovesicles with Antibiofilm Properties. Part I: Synthesis of New Hybrid Nanostructures. Nanomaterials, 2020, 10, 1542.	1.9	9
26	Synthesis and Characterization of p-n Junction Ternary Mixed Oxides for Photocatalytic Coprocessing of CO2 and H2O. Catalysts, 2020, 10, 980.	1.6	9
27	Effect of the Surface Chemical Composition and of Added Metal Cation Concentration on the Stability of Metal Nanoparticles Synthesized by Pulsed Laser Ablation in Water. Applied Sciences (Switzerland), 2020, 10, 4169.	1.3	14
28	ZnO Nanostructures with Antibacterial Properties Prepared by a Green Electrochemical-Thermal Approach. Nanomaterials, 2020, 10, 473.	1.9	13
29	About the amplification factors in organic bioelectronic sensors. Materials Horizons, 2020, 7, 999-1013.	6.4	86
30	Gold Nanoparticles Synthesis Using Stainless Steel as Solid Reductant: A Critical Overview. Nanomaterials, 2020, 10, 622.	1.9	4
31	Can Nanotechnology and Materials Science Help the Fight against SARS-CoV-2?. Nanomaterials, 2020, 10, 802.	1.9	194
32	Platinum(IV) Complexes of trans-1,2-diamino-4-cyclohexene: Prodrugs Affording an Oxaliplatin Analogue that Overcomes Cancer Resistance. International Journal of Molecular Sciences, 2020, 21, 2325.	1.8	12
33	A new nanocomposite based on LASiS-generated CuNPs as a preservation system for fruit salads. Food Packaging and Shelf Life, 2019, 22, 100422.	3.3	18
34	Solid lipid nanoparticles made of self-emulsifying lipids for efficient encapsulation of hydrophilic substances. AIP Conference Proceedings, 2019, , .	0.3	8
35	Cadmium decontamination through ball milling using an expandable clay mineral. Applied Clay Science, 2019, 182, 105256.	2.6	15
36	A Study on the Stability of Water-Gated Organic Field-Effect-Transistors Based on a Commercial p-Type Polymer. Frontiers in Chemistry, 2019, 7, 667.	1.8	29

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37	Near UVâ€Irradiation of CuO_xâ€Impregnated TiO₂ Providing Active Species for H₂ Production Through Methanol Photoreforming. ChemCatChem, 2019, 11, 4314-4326.	1.8	25
38	A Pt(IV) prodrug of kiteplatin with the bone-targeting pyrophosphate ligand. Inorganica Chimica Acta, 2019, 494, 98-104.	1.2	6
39	Valorization of C5 polyols by direct carboxylation to FDCA: Synthesis and characterization of a key intermediate and role of carbon dioxide. Journal of CO2 Utilization, 2019, 32, 170-177.	3.3	12
40	Selective single-molecule analytical detection of C-reactive protein in saliva with an organic transistor. Analytical and Bioanalytical Chemistry, 2019, 411, 4899-4908.	1.9	66
41	Application of Reverse Micelle Solâ€"Gel Synthesis for Bulk Doping and Heteroatoms Surface Enrichment in Mo-Doped TiO2 Nanoparticles. Materials, 2019, 12, 937.	1.3	21
42	Successes and Issues in the Growth of Moad and MoSe2 on Ag(111) by the E-ALD Method. Metals, 2019, 9, 122.	1.0	4
43	Label-Free and Selective Single-Molecule Bioelectronic Sensing with a Millimeter-Wide Self-Assembled Monolayer of Anti-Immunoglobulins. Chemistry of Materials, 2019, 31, 6476-6483.	3.2	62
44	Structure and Crystallization of Alkaline-Earth Aluminosilicate Glasses: Prevention of the Alumina-Avoidance Principle. Journal of Physical Chemistry B, 2018, 122, 4737-4747.	1.2	42
45	Ion beam sputtering deposition of silver nanoparticles and TiOx/ZnO nanocomposites for use in surface enhanced vibrational spectroscopy (SERS and SEIRAS). Mikrochimica Acta, 2018, 185, 153.	2.5	22
46	Synthesis, characterization, and in vitro cytotoxicity of a Kiteplatin-Ibuprofen Pt(IV) prodrug. Inorganica Chimica Acta, 2018, 472, 221-228.	1.2	31
47	Electrospun Nanomaterials Implementing Antibacterial Inorganic Nanophases. Applied Sciences (Switzerland), 2018, 8, 1643.	1.3	37
48	Exceptionally stable silver nanoparticles synthesized by laser ablation in alcoholic organic solvent. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 148-158.	2.3	31
49	Synergistic Effects of Active Sitesâ€™ Nature and Hydrophilicity on the Oxygen Reduction Reaction Activity of Pt-Free Catalysts. Nanomaterials, 2018, 8, 643.	1.9	11
50	Enhanced stability of organic field-effect transistor biosensors bearing electrosynthesized ZnO nanoparticles. Sensors and Actuators B: Chemical, 2018, 274, 210-217.	4.0	23
51	New Insights in the Ion Beam Sputtering Deposition of ZnO-Fluoropolymer Nanocomposites. Applied Sciences (Switzerland), 2018, 8, 77.	1.3	9
52	Catalytic Activity of Silicon Nanowires Decorated with Gold and Copper Nanoparticles Deposited by Pulsed Laser Ablation. Nanomaterials, 2018, 8, 78.	1.9	32
53	Glutathione-loaded solid lipid nanoparticles based on GelucireÂ® 50/13: Spectroscopic characterization and interactions with fish cells. Journal of Drug Delivery Science and Technology, 2018, 47, 359-366.	1.4	17
54	Characterization of Covalently Bound Antiâ€Human Immunoglobulins on Selfâ€Assembled Monolayer Modified Gold Electrodes. Advanced Biology, 2017, 1, e1700055.	3.0	51

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55	Combined Approach for the Development of Efficient and Safe Nanoantimicrobials: The Case of Nanosilver-Modified Polyurethane Foams. ACS Biomaterials Science and Engineering, 2017, 3, 1417-1425.	2.6	18
56	Characterization of modified working electrodes for sensing applications by means of electrolyte-gated TFT and cyclic voltammetry. , 2017, , .		0
57	Ionic liquids/ZnO nanoparticles as recyclable catalyst for polycarbonate depolymerization. Journal of Molecular Catalysis A, 2017, 426, 107-116.	4.8	103
58	Spectroscopic Characterization of Copper-Chitosan Nanoantimicrobials Prepared by Laser Ablation Synthesis in Aqueous Solutions. Nanomaterials, 2017, 7, 6.	1.9	19
59	Pure and Fe-Doped Mesoporous Titania Catalyse the Oxidation of Acid Orange 7 by H2O2 under Different Illumination Conditions: Fe Doping Improves Photocatalytic Activity under Simulated Solar Light. Catalysts, 2017, 7, 213.	1.6	24
60	Sensitive detection of hydrocarbon gases using electrochemically Pd-modified ZnO chemiresistors. Beilstein Journal of Nanotechnology, 2017, 8, 82-90.	1.5	15
61	Gas sensing properties of MWCNT layers electrochemically decorated with Au and Pd nanoparticles. Beilstein Journal of Nanotechnology, 2017, 8, 592-603.	1.5	18
62	Evaluation of gas-sensing properties of ZnO nanostructures electrochemically doped with Au nanophases. Beilstein Journal of Nanotechnology, 2016, 7, 22-31.	1.5	39
63	Investigation of Industrial Polyurethane Foams Modified with Antimicrobial Copper Nanoparticles. Materials, 2016, 9, 544.	1.3	24
64	Surface characterization of textiles modified by copper and zinc oxide nanoâ€antimicrobials. Surface and Interface Analysis, 2016, 48, 505-508.	0.8	15
65	Laser Ablation Synthesis of Hybrid Copper/Silver Nanocolloids for Prospective Application as Nanoantimicrobial Agents for Food Packaging. MRS Advances, 2016, 1, 3735-3740.	0.5	11
66	Recent advances in the synthesis and characterization of nano-antimicrobials. TrAC - Trends in Analytical Chemistry, 2016, 84, 131-138.	5.8	59
67	Glutathione loaded solid lipid nanoparticles: Preparation and in vitro evaluation asÂdelivery systems of the antioxidant peptide to immunocompetent fish cells. Journal of Cellular Biotechnology, 2016, 2, 1-14.	0.1	7
68	Effect of the gate metal work function on water-gated ZnO thin-film transistor performance. Journal Physics D: Applied Physics, 2016, 49, 275101.	1.3	18
69	Deposition of morphology-tailored PbS thin films by surfactant-enhanced aerosol assisted chemical vapor deposition. Materials Science in Semiconductor Processing, 2016, 46, 39-45.	1.9	40
70	Electrophoretic deposition of Au NPs on MWCNT-based gas sensor for tailored gas detection with enhanced sensing properties. Sensors and Actuators B: Chemical, 2016, 223, 417-428.	4.0	58
71	Laser Ablation Synthesis in Solution of Nanoantimicrobials for Food Packaging Applications. Materials Research Society Symposia Proceedings, 2015, 1804, 37-42.	0.1	2
72	Surface Analytical Characterization of P3HT-Streptavidin Bilayers for Biosensing Applications. Materials Research Society Symposia Proceedings, 2015, 1795, 35-40.	0.1	0

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73	Combined analysis of enamelled and gilded glassware from Frederick II Castle at Melfi (Italy) to identify technology and raw materials. X-Ray Spectrometry, 2015, 44, 191-200.	0.9	10
74	Au/In₂O₃ and Au/ZrO₂ composite nanoparticles via in situ sacrificial gold electrolysis. Materials Express, 2015, 5, 171-179.	0.2	4
75	Nonconventional Routes to Silver Nanoantimicrobials. , 2015, , 87-105.		1
76	Graphene and ionic liquids new gel paste electrodes for caffeic acid quantification. Sensors and Actuators B: Chemical, 2015, 212, 248-255.	4.0	36
77	Characterization and behaviour of ZnO-based nanocomposites designed for the control of biodeterioration of patrimonial stoneworks. New Journal of Chemistry, 2015, 39, 6836-6843.	1.4	33
78	Development of a novel conservation treatment of stone monuments with bioactive nanocomposites. Heritage Science, 2015, 3, .	1.0	43
79	Electrochemical deposition of gold on indium zirconate (InZrOx with In/Zr atomic ratio 1.0) for high temperature automobile exhaust gas sensors. Journal of Solid State Electrochemistry, 2015, 19, 2859-2868.	1.2	5
80	Electrosynthesis and characterization of ZnO nanoparticles as inorganic component in organic thin-film transistor active layers. Electrochimica Acta, 2015, 178, 45-54.	2.6	24
81	A conductive surface coating for Si-CNT radiation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 790, 14-18.	0.7	3
82	UV crosslinked poly(acrylic acid): a simple method to bio-functionalize electrolyte-gated OFET biosensors. Journal of Materials Chemistry B, 2015, 3, 5049-5057.	2.9	41
83	Bio-functionalization of ZnO water gated thin-film transistors. , 2015, , .		8
84	Electrosynthesized Polystyrene Sulphonate-Capped Zinc Oxide Nanoparticles as Electrode Modifiers for Sensing Devices. Materials Research Society Symposia Proceedings, 2014, 1675, 15-20.	0.1	4
85	3. Polymer surface chemistry: Characterization by XPS. , 2014, , 73-112.		6
86	A multi-analytical approach to amber characterisation. Chemical Papers, 2014, 68, .	1.0	12
87	Highly selective detection of Epinephrine at oxidized Single-Wall Carbon Nanohorns modified Screen Printed Electrodes (SPEs). Biosensors and Bioelectronics, 2014, 59, 94-98.	5.3	60
88	Bio-sorbable, liquid electrolyte gated thin-film transistor based on a solution-processed zinc oxide layer. Faraday Discussions, 2014, 174, 383-398.	1.6	29
89	Mucoadhesive Properties and Interaction with P-Glycoprotein (P-gp) of Thiolated-Chitosans and -Glycol Chitosans and Corresponding Parent Polymers: A Comparative Study. Biomacromolecules, 2014, 15, 882-893.	2.6	35
90	Design of novel indium oxide supported gold nanocatalysts and their application in homocoupling of arylboronic acids. Journal of Molecular Catalysis A, 2014, 386, 101-107.	4.8	14

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91	Designing functionalized gold surfaces and nanostructures for Laser Desorption Ionisation Mass Spectrometry. Vacuum, 2014, 100, 78-83.	1.6	4
92	Chitosan Nanoparticles for Topical Co-administration of the Antioxidants Glutathione and Idebenone: Characterization and In vitro Release. British Journal of Pharmaceutical Research, 2014, 4, 2387-2406.	0.4	10
93	Advances in the Definition of a Drop-Based Functionalization Protocol for CMOS-Compatible MEMS Biosensors. Lecture Notes in Electrical Engineering, 2014, , 145-148.	0.3	0
94	Non-destructive depth profile reconstruction of bio-engineered surfaces by parallel-angle-resolved X-ray photoelectron spectroscopy. Analytical and Bioanalytical Chemistry, 2013, 405, 713-724.	1.9	9
95	1,8-Bis(dimethylamino)naphthalene/9-aminoacridine: A new binary matrix for lipid fingerprinting of intact bacteria by matrix assisted laser desorption ionization mass spectrometry. Analytica Chimica Acta, 2013, 798, 56-63.	2.6	37
96	Systemic heparin delivery by the pulmonary route using chitosan and glycol chitosan nanoparticles. International Journal of Pharmaceutics, 2013, 447, 115-123.	2.6	77
97	Metal nanoantimicrobials for textile applications. Nanotechnology Reviews, 2013, 2, 307-331.	2.6	67
98	Radiation detectors based on Multiwall Carbon Nanotubes deposited by a spray technique. Thin Solid Films, 2013, 543, 19-22.	0.8	15
99	A novel preservation technique applied to fiordilatte cheese. Innovative Food Science and Emerging Technologies, 2013, 19, 158-165.	2.7	82
100	PEâ€CVD of Hydrophilicâ€COOH Functionalized Coatings on Electrolyte Gated Fieldâ€Effect Transistor Electronic Layers. Plasma Processes and Polymers, 2013, 10, 102-109.	1.6	26
101	One- vs two-step preparation of antimicrobial coatings composed of laser ablated copper nanoparticles and poly-lactic acid. Materials Research Society Symposia Proceedings, 2012, 1453, 1.	0.1	3
102	Interfacial electronic effects in functional biolayers integrated into organic field-effect transistors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6429-6434.	3.3	109
103	Pd nanoparticle catalysed one-pot sequential Heck and Suzuki couplings of bromo-chloroarenes in ionic liquids and water. Organic and Biomolecular Chemistry, 2012, 10, 808-813.	1.5	40
104	Synthesis and Antimicrobial Activity of Copper Nanomaterials. , 2012, , 85-117.		36
105	Ullmann Homocoupling Catalysed by Gold Nanoparticles in Water and Ionic Liquid. Advanced Synthesis and Catalysis, 2012, 354, 2777-2788.	2.1	46
106	NO sensors based on semiconducting metal oxide nanostructures: Progress and perspectives. Sensors and Actuators B: Chemical, 2012, 171-172, 25-42.	4.0	371
107	Thermally annealed gold nanoparticles for surface-assisted laser desorption ionisationâ€“mass spectrometry of low molecular weight analytes. Analytical and Bioanalytical Chemistry, 2012, 404, 1703-1711.	1.9	22
108	Analytical characterization of laser-generated copper nanoparticles for antibacterial composite food packaging. Analytical and Bioanalytical Chemistry, 2012, 403, 1179-1186.	1.9	149

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109	Gold nanomaterials as a new tool for bioanalytical applications of laser desorption ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 402, 601-623.	1.9	65
110	Virusâ^'Poly(3,4-ethylenedioxythiophene) Composite Films for Impedance-Based Biosensing. Analytical Chemistry, 2011, 83, 2420-2424.	3.2	35
111	Core-shell gold nanoparticles and gold-decorated metal oxides for gas sensing applications. , 2011, , .		0
112	Advanced NOx Sensors for Mechatronic Applications. , 2011, , .		2
113	Carbon based materials for electronic bio-sensing. Materials Today, 2011, 14, 424-433.	8.3	138
114	Synthesis and analytical characterisation of copper-based nanocoatings for bioactive stone artworks treatment. Analytical and Bioanalytical Chemistry, 2011, 399, 473-481.	1.9	38
115	Electrosynthesis and characterization of gold nanoparticles for electronic capacitance sensing of pollutants. Electrochimica Acta, 2011, 56, 3713-3720.	2.6	47
116	Glucose as a Clean and Renewable Reductant in the Pd-Nanoparticle-Catalyzed Reductive Homocoupling of Bromo- and Chloroarenes in Water. Journal of Organic Chemistry, 2010, 75, 3908-3911.	1.7	78
117	Palladium/Zirconium Oxide Nanocomposite as a Highly Recyclable Catalyst for C-C Coupling Reactions in Water. Molecules, 2010, 15, 4511-4525.	1.7	56
118	A comparative study of chitosan and chitosan/cyclodextrin nanoparticles as potential carriers for the oral delivery of small peptidesâ˜†. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 26-32.	2.0	139
119	Analytical characterization of chitosan nanoparticles for peptide drug delivery applications. Analytical and Bioanalytical Chemistry, 2009, 393, 207-215.	1.9	55
120	Contact effects in organic thin-film transistor sensors. Organic Electronics, 2009, 10, 233-239.	1.4	51
121	Plasma treatment effects on Si and Si/dielectric film heterostructures. Journal of Materials Processing Technology, 2008, 206, 462-466.	3.1	1
122	Functionalized interfaces by plasma treatments on silicon and silicon dioxide substrates. Thin Solid Films, 2007, 515, 7195-7202.	0.8	4
123	Palladium-nanoparticles catalyzed hydrodehalogenation of aryl chlorides in ionic liquids. Journal of Organometallic Chemistry, 2007, 692, 4397-4401.	0.8	34
124	Analytical Characterisation of Pd/ZrO2 Composite Nanoparticles Employed in Heterogeneous Catalysis. Current Nanoscience, 2007, 3, 121-127.	0.7	15
125	Core-shell Pd nanoparticles embedded in SnOx films. Synthesis, analytical characterisation and perspective application in chemiresistor-type sensing devices. Microelectronics Journal, 2006, 37, 1620-1628.	1.1	10
126	Pd supported on tetragonal zirconia: Electrosynthesis, characterization and catalytic activity toward CO oxidation and CH4 combustion. Applied Catalysis B: Environmental, 2005, 60, 73-82.	10.8	56

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127	Heck Reaction Catalyzed by Nanosized Palladium on Chitosan in Ionic Liquids.. ChemInform, 2005, 36, no.	0.1	1
128	Analytical characterization of bioactive fluoropolymer ultra-thin coatings modified by copper nanoparticles. Analytical and Bioanalytical Chemistry, 2005, 381, 607-616.	1.9	150
129	Biocompatible channels for field-flow fractionation of biological samples: correlation between surface composition and operating performance. Analytical and Bioanalytical Chemistry, 2005, 381, 639-646.	1.9	20
130	Synthesis, analytical characterization and bioactivity of Ag and Cu nanoparticles embedded in poly-vinyl-methyl-ketone films. Analytical and Bioanalytical Chemistry, 2005, 382, 1912-1918.	1.9	134
131	Copper Nanoparticle/Polymer Composites with Antifungal and Bacteriostatic Properties. Chemistry of Materials, 2005, 17, 5255-5262.	3.2	716
132	Deposition and analytical characterization of fluoropolymer thin films modified by palladium nanoparticles. Thin Solid Films, 2004, 449, 25-33.	0.8	21
133	Antifungal activity of polymer-based copper nanocomposite coatings. Applied Physics Letters, 2004, 85, 2417-2419.	1.5	172
134	Heck Reaction Catalyzed by Nanosized Palladium on Chitosan in Ionic Liquids. Organometallics, 2004, 23, 5154-5158.	1.1	170
135	Pd Nanoparticles Catalyzed Stereospecific Synthesis of Î²-Aryl Cinnamic Esters in Ionic Liquids. Journal of Organic Chemistry, 2003, 68, 2929-2933.	1.7	179
136	Effect of metal clusters on the swelling of goldâ€“fluorocarbonâ€“polymer composite films. Applied Physics Letters, 2002, 80, 1565-1567.	1.5	22
137	Study of Phenol-Like Compounds Antioxidative Behavior on Low-Density Lipoprotein Gold Modified Electrode. Electroanalysis, 2002, 14, 858.	1.5	9
138	Electrosynthesis and analytical characterisation of polypyrrole thin films modified with copper nanoparticles. Journal of Materials Chemistry, 2001, 11, 1434-1440.	6.7	61