Liane Marcia Rossi

List of Publications by Year
in descending order

144 papers	6,861 citations	57631 44 h-index	69108 77 g-index
153 all docs	153 docs citations	153 times ranked	9625 citing authors

#	Article	IF	Citations
1	Palladium-catalyzed sabinene oxidation with hydrogen peroxide: Smart fragrance production and DFT insights. Molecular Catalysis, 2022, 517, 112033.	1.0	1
2	Building Pathways to a Sustainable Planet. ACS Sustainable Chemistry and Engineering, 2022, 10, 1-2.	3.2	1
3	Tuning CO₂ Hydrogenation Selectivity by N-Doped Carbon Coating over Nickel Nanoparticles Supported on SiO₂. ACS Sustainable Chemistry and Engineering, 2022, 10, 2331-2342.	3.2	17
4	Women in Green Chemistry and Engineering: Agents of Change Toward the Achievement of a Sustainable Future. ACS Sustainable Chemistry and Engineering, 2022, 10, 2859-2862.	3.2	3
5	Tuning the selectivity of phenol hydrogenation using Pd, Rh and Ru nanoparticles supported on ceria- and titania-modified silicas. Catalysis Today, 2021, 381, 126-132.	2.2	18
6	Fe3O4 nanoparticles and Rhizobium inoculation enhance nodulation, nitrogen fixation and growth of common bean plants grown in soil. Rhizosphere, 2021, 17, 100275.	1.4	24
7	Process Optimization for a Sustainable and Selective Conversion of Fumaric Acid into Î³-Butyrolactone Over Pd-Re/SiO2. Catalysis Letters, 2021, 151, 1821-1833.	1.4	5
8	Clean protocol for deoxygenation of epoxides to alkenes via catalytic hydrogenation using gold. Catalysis Science and Technology, 2021, 11, 312-318.	2.1	8
9	Towards the Effect of Pt 0 /Pt Î´+ and Ce 3+ Species at the Surface of CeO 2 Crystals: Understanding the Nature of the Interactions under CO Oxidation Conditions. ChemCatChem, 2021, 13, 1340-1354.	1.8	23
10	Thermal catalytic conversion: general discussion. Faraday Discussions, 2021, 230, 124-151.	1.6	0
11	Inorganic Chemistry in Latin America. European Journal of Inorganic Chemistry, 2021, 2021, 423-425.	1.0	0
12	Optimizing Active Sites for High CO Selectivity during CO₂ Hydrogenation over Supported Nickel Catalysts. Journal of the American Chemical Society, 2021, 143, 4268-4280.	6.6	100
13	Ethanol from Sugarcane and the Brazilian Biomass-Based Energy and Chemicals Sector. ACS Sustainable Chemistry and Engineering, 2021, 9, 4293-4295.	3.2	14
14	Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to ACS Sustainable Chemistry & Engineering: Catalysis and Catalytic Processes. ACS Sustainable Chemistry and Engineering, 2021, 9, 4936-4940.	3.2	34
15	Immobilization of Rh(I)-N-Xantphos and Fe(II)-C-Scorpionate onto Magnetic Nanoparticles: Reusable Catalytic System for Sequential Hydroformylation/Acetalization. Catalysts, 2021, 11, 608.	1.6	6
16	Riboflavin Surface Modification of Poly(vinyl chloride) for Light-Triggered Control of Bacterial Biofilm and Virus Inactivation. ACS Applied Materials & Interfaces, 2021, 13, 32251-32262.	4.0	8
17	Can CO₂ and Renewable Carbon Be Primary Resources for Sustainable Fuels and Chemicals?. ACS Sustainable Chemistry and Engineering, 2021, 9, 12427-12430.	3.2	41
18	Zeolitic‐Imidazolate Framework Derived Intermetallic Nickel Zinc Carbide Material as a Selective Catalyst for CO₂ to CO Reduction at High Pressure. European Journal of Inorganic Chemistry, 2021, 2021, 4521-4529.	1.0	8

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19	Emerging technologies: general discussion. Faraday Discussions, 2021, 230, 388-412.	1.6	0
20	Enhancing the activity of gold supported catalysts by oxide coating: towards efficient oxidations. Green Chemistry, 2021, 23, 8453-8457.	4.6	19
21	Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2021, 9, 16528-16530.	3.2	1
22	5-Hydroxymethylfurfural and Furfural Base-Free Oxidation over AuPd Embedded Bimetallic Nanoparticles. Catalysts, 2020, 10, 75.	1.6	15
23	Piperazine-promoted gold-catalyzed hydrogenation: the influence of capping ligands. Catalysis Science and Technology, 2020, 10, 1996-2003.	2.1	12
24	Hydrogenation of carbon dioxide: From waste to value. Current Opinion in Green and Sustainable Chemistry, 2020, 26, 100386.	3.2	13
25	Selective CO2 hydrogenation into methanol in a supercritical flow process. Journal of CO2 Utilization, 2020, 40, 101195.	3.3	26
26	Enhanced Energy Storage of Fe₃O₄ Nanoparticles Embedded in Nâ€Ðoped Graphene. ChemElectroChem, 2020, 7, 1456-1464.	1.7	12
27	Gold-amine cooperative catalysis for reductions and reductive aminations using formic acid as hydrogen source. Applied Catalysis B: Environmental, 2020, 267, 118728.	10.8	17
28	Structure and activity of supported bimetallic NiPd nanoparticles: influence of preparation method on CO₂ reduction. ChemCatChem, 2020, 12, 2967-2976.	1.8	17
29	Efficient Oxidative Esterification of Furfural Using Au Nanoparticles Supported on Group 2 Alkaline Earth Metal Oxides. Catalysts, 2020, 10, 430.	1.6	21
30	Gold Catalysis for Selective Hydrogenation of Aldehydes and Valorization of Bioâ€'Based Chemical Building Blocks. Journal of the Brazilian Chemical Society, 2019, , .	0.6	2
31	Reusable Heterogeneous Tungstophosphoric Acid-Derived Catalyst for Green Esterification of Carboxylic Acids. ACS Sustainable Chemistry and Engineering, 2019, 7, 15874-15883.	3.2	23
32	Restructuring of Goldâ€Palladium Alloyed Nanoparticles: A Step towards More Active Catalysts for Oxidation of Alcohols. ChemCatChem, 2019, 11, 4021-4027.	1.8	7
33	Impact of Fe3O4 nanoparticle on nutrient accumulation in common bean plants grown in soil. SN Applied Sciences, 2019, 1, 1.	1.5	27
34	Bioinspired-Metalloporphyrin Magnetic Nanocomposite as a Reusable Catalyst for Synthesis of Diastereomeric (â^')-Isopulegol Epoxide: Anticancer Activity Against Human Osteosarcoma Cells (MG-63). Molecules, 2019, 24, 52.	1.7	11
35	A recyclable hybrid manganese(III) porphyrin magnetic catalyst for selective olefin epoxidation using molecular oxygen. Journal of Porphyrins and Phthalocyanines, 2018, 22, 331-341.	0.4	19
36	Hybrid Metalloporphyrin Magnetic Nanoparticles as Catalysts for Sequential Transformation of Alkenes and CO₂ into Cyclic Carbonates. ChemCatChem, 2018, 10, 2792-2803.	1.8	34

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37	The role and fate of capping ligands in colloidally prepared metal nanoparticle catalysts. Dalton Transactions, 2018, 47, 5889-5915.	1.6	205
38	Reaction Pathway Dependence in Plasmonic Catalysis: Hydrogenation as a Model Molecular Transformation. Chemistry - A European Journal, 2018, 24, 12330-12339.	1.7	33
39	Accessing Frustrated Lewis Pair Chemistry through Robust Gold@N-Doped Carbon for Selective Hydrogenation of Alkynes. ACS Catalysis, 2018, 8, 3516-3524.	5.5	88
40	Separation technology meets green chemistry: development of magnetically recoverable catalyst supports containing silica, ceria, and titania. Pure and Applied Chemistry, 2018, 90, 133-141.	0.9	8
41	Synergic Effect of Copper and Palladium for Selective Hydrogenation of Alkynes. Industrial & Engineering Chemistry Research, 2018, 57, 16209-16216.	1.8	27
42	Controlling Reaction Selectivity over Hybrid Plasmonic Nanocatalysts. Nano Letters, 2018, 18, 7289-7297.	4.5	92
43	Influence of Support Basic Sites in Green Oxidation of Biobased Substrates Using Au-Promoted Catalysts. ACS Sustainable Chemistry and Engineering, 2018, 6, 16332-16340.	3.2	59
44	Temperatureâ€Đriven Restructuring of Silver on AuAg Porous Nanotubes: Impact on CO Oxidation. ChemistrySelect, 2017, 2, 660-664.	0.7	4
45	Selective hydrogenation of CO 2 into CO on a highly dispersed nickel catalyst obtained by magnetron sputtering deposition: A step towards liquid fuels. Applied Catalysis B: Environmental, 2017, 209, 240-246.	10.8	73
46	Economically attractive route for the preparation of high quality magnetic nanoparticles by the thermal decomposition of iron(III) acetylacetonate. Nanotechnology, 2017, 28, 115603.	1.3	52
47	Surface composition and structural changes on titanium oxide-supported AuPd nanoparticles during CO oxidation. Catalysis Science and Technology, 2017, 7, 1679-1689.	2.1	19
48	Goldâ€“Ligand-Catalyzed Selective Hydrogenation of Alkynes into cis-Alkenes via H₂ Heterolytic Activation by Frustrated Lewis Pairs. ACS Catalysis, 2017, 7, 2973-2980.	5.5	108
49	Facile recycling approach for waste minimization of silica-coated magnetite nanoparticles synthesis. Separation Science and Technology, 2017, 52, 504-511.	1.3	3
50	One-pot organometallic synthesis of alumina-embedded Pd nanoparticles. Dalton Transactions, 2017, 46, 14318-14324.	1.6	2
51	Tuning the Catalytic Activity and Selectivity of Pd Nanoparticles Using Ligand-Modified Supports and Surfaces. ACS Omega, 2017, 2, 6014-6022.	1.6	43
52	Study of the influence of PPh3 used as capping ligand or as reaction modifier for hydroformylation reaction involving Rh NPs as precatalyst. Applied Catalysis A: General, 2017, 548, 136-142.	2.2	15
53	Magnetically recoverable copper oxide catalysts for aerobic allylic oxidation of cyclohexene. Journal of Molecular Catalysis A, 2017, 426, 534-541.	4.8	29
54	Advances in Base-Free Oxidation of Bio-Based Compounds on Supported Gold Catalysts. Catalysts, 2017, 7, 352.	1.6	45

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55	Biologically Inspired and Magnetically Recoverable Copper Porphyrinic Catalysts: A Greener Approach for Oxidation of Hydrocarbons with Molecular Oxygen. Advanced Functional Materials, 2016, 26, 3359-3368.	7.8	30
56	Support Functionalization with a Phosphineâ€Containing Hyperbranched Polymer: A Strategy to Enhance Phosphine Grafting and Metal Loading in a Hydroformylation Catalyst. ChemCatChem, 2016, 8, 1951-1960.	1.8	15
57	The influence of 1,2-alkanediol on the crystallinity of magnetite nanoparticles. Journal of Magnetism and Magnetic Materials, 2016, 417, 49-55.	1.0	6
58	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. Dalton Transactions, 2016, 45, 16211-16220.	1.6	13
59	Tracking iron oxide nanoparticles in plant organs using magnetic measurements. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	28
60	Polymer versus phosphine stabilized Rh nanoparticles as components of supported catalysts: implication in the hydrogenation of cyclohexene model molecule. Dalton Transactions, 2016, 45, 17782-17791.	1.6	18
61	Selective oxidation of glucose to glucuronic acid by cesium-promoted gold nanoparticle catalyst. Journal of Molecular Catalysis A, 2016, 422, 35-42.	4.8	55
62	Oxidation of benzyl alcohol catalyzed by gold nanoparticles under alkaline conditions: weak vs. strong bases. RSC Advances, 2016, 6, 25279-25285.	1.7	59
63	Rhodium Nanoparticles as Precursors for the Preparation of an Efficient and Recyclable Hydroformylation Catalyst. ChemCatChem, 2015, 7, 1566-1572.	1.8	22
64	Electro-oxidation of methanol in alkaline conditions using Pdâ€“Ni nanoparticles prepared from organometallic precursors and supported on carbon vulcan. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	13
65	Gold nanoparticles supported on magnesium ferrite and magnesium oxide for the selective oxidation of benzyl alcohol. RSC Advances, 2015, 5, 15035-15041.	1.7	23
66	Catalytic oxidation of cinnamyl alcohol using Auâ€“Ag nanotubes investigated by surface-enhanced Raman spectroscopy. Nanoscale, 2015, 7, 8536-8543.	2.8	23
67	A green route for the synthesis of a bitter-taste dipeptide combining biocatalysis, heterogeneous metal catalysis and magnetic nanoparticles. RSC Advances, 2015, 5, 36449-36455.	1.7	9
68	Easy Access to Metallic Copper Nanoparticles with High Activity and Stability for CO Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 7987-7994.	4.0	75
69	Magnetic Nanoparticles: general discussion. Faraday Discussions, 2014, 175, 113-135.	1.6	0
70	Optical nanoparticles: general discussion. Faraday Discussions, 2014, 175, 215-227.	1.6	0
71	Magnetic nanomaterials in catalysis: advanced catalysts for magnetic separation and beyond. Green Chemistry, 2014, 16, 2906.	4.6	504
72	Catalytic abatement of CO over highly stable Pt supported on Ta2O5 nanotubes. Catalysis Communications, 2014, 48, 50-54.	1.6	15

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73	Palladium on magnetite: magnetically recoverable catalyst for selective hydrogenation of acetylenic to olefinic compounds. Tetrahedron, 2014, 70, 3314-3318.	1.0	26
74	Copper nanoparticles synthesized by thermal decomposition in liquid phase: the influence of capping ligands on the synthesis and bactericidal activity. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	21
75	Synthesis, properties, and application in peptide chemistry of a magnetically separable and reusable biocatalyst. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	6
76	A recoverable Pd nanocatalyst for selective semi-hydrogenation of alkynes: hydrogenation of benzyl-propargylamines as a challenging model. Green Chemistry, 2014, 16, 4566-4574.	4.6	21
77	Insights into the active surface species formed on Ta2O5 nanotubes in the catalytic oxidation of CO. Physical Chemistry Chemical Physics, 2014, 16, 5755.	1.3	76
78	Organometallic Preparation of Ni, Pd, and NiPd Nanoparticles for the Design of Supported Nanocatalysts. ACS Catalysis, 2014, 4, 1735-1742.	5.5	45
79	Effect of Lipid Coating on the Interaction Between Silica Nanoparticles and Membranes. Journal of Biomedical Nanotechnology, 2014, 10, 519-528.	0.5	21
80	Volcano-like Behavior of Au-Pd Core-shell Nanoparticles in the Selective Oxidation of Alcohols. Scientific Reports, 2014, 4, 5766.	1.6	73
81	Comparing Thermal-Cracking and Catalytic Hydrocracking in the Presence of Rh and Ru Catalysts to Produce Liquid Hydrocarbons from Vegetable Oils. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
82	Determination of Metal Loading in Heterogeneous Catalyst by Slurry Sampling Flame Atomic Absorption Spectrometry. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
83	Size dependence of the magnetic relaxation and specific power absorption in iron oxide nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	45
84	Screening of Soluble Rhodium Nanoparticles as Precursor for Highly Active Hydrogenation Catalysts: The Effect of the Stabilizing Agents. Topics in Catalysis, 2013, 56, 1228-1238.	1.3	26
85	Taking advantage of a terpyridine ligand for the deposition of Pd nanoparticles onto a magnetic material for selective hydrogenation reactions. Journal of Materials Chemistry A, 2013, 1, 1441-1449.	5.2	34
86	Magnetically recoverable AuPd nanoparticles prepared by a coordination capture method as a reusable catalyst for green oxidation of benzyl alcohol. Catalysis Science and Technology, 2013, 3, 2993.	2.1	31
87	Heat generation in agglomerated ferrite nanoparticles in an alternating magnetic field. Journal Physics D: Applied Physics, 2013, 46, 045002.	1.3	68
88	Magnetic nanocatalysts: supported metal nanoparticles for catalytic applications. Nanotechnology Reviews, 2013, 2, 597-614.	2.6	60
89	Magnetic Ionic Liquids Produced by the Dispersion of Magnetic Nanoparticles in 1-n-Butyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide (BMI.NTf₂). ACS Applied Materials & Interfaces, 2012, 4, 5458-5465.	4.0	27
90	Synthesis of supported metal nanoparticle catalysts using ligand assisted methods. Nanoscale, 2012, 4, 5826.	2.8	79

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91	Moving from surfactant-stabilized aqueous rhodium (0) colloidal suspension to heterogeneous magnetite-supported rhodium nanocatalysts: Synthesis, characterization and catalytic performance in hydrogenation reactions. Catalysis Today, 2012, 183, 124-129.	2.2	27
92	Design of a Dinuclear Nickel(II) Bioinspired Hydrolase to Bind Covalently to Silica Surfaces: Synthesis, Magnetism, and Reactivity Studies. Inorganic Chemistry, 2012, 51, 6104-6115.	1.9	19
93	Recent advances in the development of magnetically recoverable metal nanoparticle catalysts. Journal of the Brazilian Chemical Society, 2012, , .	0.6	8
94	Direct Access to Oxidation-Resistant Nickel Catalysts through an Organometallic Precursor. ACS Catalysis, 2012, 2, 925-929.	5.5	23
95	Catalyst Recovery and Recycling Facilitated by Magnetic Separation: Iridium and Other Metal Nanoparticles. ChemCatChem, 2012, 4, 698-703.	1.8	43
96	Enhancement of hematoporphyrin IX potential for photodynamic therapy by entrapment in silica nanospheres. Physical Chemistry Chemical Physics, 2011, 13, 14946.	1.3	9
97	Ionic liquids as recycling solvents for the synthesis of magnetic nanoparticles. Physical Chemistry Chemical Physics, 2011, 13, 13558.	1.3	28
98	Structural control of gold nanoparticles self-assemblies by layer-by-layer process. Nanoscale, 2011, 3, 1717.	2.8	12
99	Aerobic oxidation of monoterpenic alcohols catalyzed by ruthenium hydroxide supported on silica-coated magnetic nanoparticles. Journal of Catalysis, 2011, 282, 209-214.	3.1	64
100	Selective Allylic oxidation of Cyclohexene by a Magnetically Recoverable Cobalt Oxide Catalyst. Catalysis Letters, 2011, 141, 432-437.	1.4	28
101	On the Stabilization of Gold Nanoparticles over Silicaâ€Based Magnetic Supports Modified with Organosilanes. Chemistry - A European Journal, 2011, 17, 4626-4631.	1.7	39
102	Nanoparticle Platform to Modulate Reaction Mechanism of Phenothiazine Photosensitizers. Journal of Nanoscience and Nanotechnology, 2010, 10, 3100-3108.	0.9	22
103	Magnetic properties of Fe3O4 nanoparticles coated with oleic and dodecanoic acids. Journal of Applied Physics, 2010, 107, .	1.1	81
104	A single-step procedure for the preparation of palladium nanoparticles and a phosphine-functionalized support as catalyst for Suzuki cross-coupling reactions. Journal of Catalysis, 2010, 276, 382-389.	3.1	94
105	Catalytic hydrodechlorination of chlorobenzene over supported palladium catalyst in buffered medium. Applied Catalysis B: Environmental, 2010, 100, 42-46.	10.8	13
106	Sensing of 2,4-dichlorophenoxyacetic acid by surface-enhanced Raman scattering. Vibrational Spectroscopy, 2010, 54, 133-136.	1.2	9
107	Surface effects in the magnetic properties of crystalline 3 nm ferrite nanoparticles chemically synthesized. Journal of Applied Physics, 2010, 108, 103919.	1.1	41
108	High performance magnetic separation of gold nanoparticles for catalyticoxidation of alcohols. Green Chemistry, 2010, 12, 144-149.	4.6	137

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109	Heterodinuclear Fe^{III}Zn^{II}-Bioinspired Complex Supported on 3-Aminopropyl Silica. Efficient Hydrolysis of Phosphate Diester Bonds. Inorganic Chemistry, 2010, 49, 2580-2582.	1.9	49
110	In-field MÃ¶ssbauer characterization of MFe₂O₄(M = Fe, Co, Ni) nanoparticles. Journal of Physics: Conference Series, 2010, 217, 012126.	0.3	8
111	Ruthenium nanoparticles prepared from ruthenium dioxide precursor: Highly active catalyst for hydrogenation of arenes under mild conditions. Journal of Molecular Catalysis A, 2009, 298, 69-73.	4.8	66
112	Preparation of recoverable Ru catalysts for liquid-phase oxidation and hydrogenation reactions. Applied Catalysis A: General, 2009, 360, 177-182.	2.2	76
113	On the catalytic hydrogenation of polycyclic aromatic hydrocarbons into less toxic compounds by a facile recoverable catalyst. Applied Catalysis B: Environmental, 2009, 90, 688-692.	10.8	35
114	Magnetic Fluids Based on Î³-Fe₂O₃and CoFe₂O₄Nanoparticles Dispersed in Ionic Liquids. Journal of Physical Chemistry C, 2009, 113, 8566-8572.	1.5	72
115	Preparation of supported Pt(0) nanoparticles as efficient recyclable catalysts for hydrogenation of alkenes and ketones. Catalysis Communications, 2009, 10, 1971-1974.	1.6	52
116	Clean preparation of methyl esters in one-step oxidative esterification of primary alcohols catalyzed by supported gold nanoparticles. Green Chemistry, 2009, 11, 1366.	4.6	123
117	Ligand-Assisted Preparation of Palladium Supported Nanoparticles: a Step toward Size Control. Inorganic Chemistry, 2009, 48, 4640-4642.	1.9	78
118	High performance gold nanorods and silver nanocubes in surface-enhanced Raman spectroscopy of pesticides. Physical Chemistry Chemical Physics, 2009, 11, 7491.	1.3	68
119	Preparation and Characterization of the Novels Terpolymers of Poly-{trans-[RuCl2(vpy)4]-styrene-divinylbenzene} and Styrene-divinylbenzene-vinylpiridine impregnated with Silver Nanoparticles. Polymer Bulletin, 2008, 60, 809-819.	1.7	7
120	Ion dependence of magnetic anisotropy in MFe2O4 (MFe, Co, Mn) nanoparticles synthesized by high-temperature reaction. Journal of Magnetism and Magnetic Materials, 2008, 320, e335-e338.	1.0	22
121	Recoverable rhodium nanoparticles: Synthesis, characterization and catalytic performance in hydrogenation reactions. Applied Catalysis A: General, 2008, 338, 52-57.	2.2	192
122	Magnetic Hyperthermia With Fe$_{3}$O$_{4}$ Nanoparticles: The Influence of Particle Size on Energy Absorption. IEEE Transactions on Magnetics, 2008, 44, 4444-4447.	1.2	89
123	Protoporphyrin IX Nanoparticle Carrier: Preparation, Optical Properties, and Singlet Oxygen Generation. Langmuir, 2008, 24, 12534-12538.	1.6	156
124	Third-order nonlinearity of nickel oxide nanoparticles in toluene. Optics Letters, 2007, 32, 1435.	1.7	20
125	Methylene Blue-Containing Silica-Coated Magnetic Particles:â€‰ A Potential Magnetic Carrier for Photodynamic Therapy. Langmuir, 2007, 23, 8194-8199.	1.6	208
126	Superparamagnetic nanoparticle-supported palladium: a highly stable magnetically recoverable and reusable catalyst for hydrogenation reactions. Green Chemistry, 2007, 9, 379.	4.6	146

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127	A magnetically recoverable scavenger for palladium based on thiol-modified magnetite nanoparticles. Applied Catalysis A: General, 2007, 330, 139-144.	2.2	67
128	Characterization of poly-{trans-[RuCl2(vpy)4]-styrene-4-vinylpyridine} impregnated with silver nanoparticles in non aqueous medium. Journal of the Brazilian Chemical Society, 2006, 17, 1679-1682.	0.6	8
129	Fluorescent silica nanospheres for digital counting bioassay of the breast cancer marker HER2/nue. Biosensors and Bioelectronics, 2006, 21, 1900-1906.	5.3	47
130	Synthesis, structure and properties of unsymmetrical Î¼-alkoxo-dicopper(II) complexes: biological relevance to phosphodiester and DNA cleavage and cytotoxic activity. Inorganica Chimica Acta, 2005, 358, 1807-1822.	1.2	69
131	StÃ¶ber Synthesis of Monodispersed Luminescent Silica Nanoparticles for Bioanalytical Assays. Langmuir, 2005, 21, 4277-4280.	1.6	266
132	Ruthenium dioxide nanoparticles in ionic liquids: synthesis, characterization and catalytic properties in hydrogenation of olefins and arenes. Journal of the Brazilian Chemical Society, 2004, 15, 901-910.	0.6	63
133	On the Use of Ruthenium Dioxide in 1-n-Butyl-3-Methylimidazolium Ionic Liquids as Catalyst Precursor for Hydrogenation Reactions. Catalysis Letters, 2004, 92, 149-155.	1.4	71
134	Glucose oxidase?magnetite nanoparticle bioconjugate for glucose sensing. Analytical and Bioanalytical Chemistry, 2004, 380, 606-613.	1.9	286
135	The Partial Hydrogenation of Benzene to Cyclohexene by Nanoscale Ruthenium Catalysts in Imidazolium Ionic Liquids. Chemistry - A European Journal, 2004, 10, 3734-3740.	1.7	233
136	Nanocomposite particles containing semiconductor and magnetic nanocrystals: fabrication and characterization. , 2004, , .		1
137	Catecholase Activity of a Series of Dicopper(II) Complexes with Variable Cuâ^'OH(phenol) Moieties. Inorganic Chemistry, 2002, 41, 1788-1794.	1.9	268
138	Synthesis, structure and properties of a new unsymmetric tetranuclear mixed-valence vanadium(IV/V) complex containing distinct V2O33+ cores. Inorganic Chemistry Communication, 2002, 5, 418-421.	1.8	15
139	Resonance Raman and crystallographic studies on the complex [Fe2(bbpnol)2]Â·2DMF (bbpnol=N,Nâ€²-bis(2-hydroxybenzyl)-2-ol-1,3-propanediamine). Inorganica Chimica Acta, 2002, 329, 141-146.	1.2	13
140	Hydrolytic activity of a dinuclear copper(II,II) complex in phosphate diester and DNA cleavage. Inorganica Chimica Acta, 2002, 337, 366-370.	1.2	76
141	Synthesis, Structure, Physicochemical Properties and Catecholase-like Activity of a New Dicopper(II) Complex. Journal of the Brazilian Chemical Society, 2001, 12, 747.	0.6	43
142	A new bis(Î¼-alkoxo) diiron(III) complex and its implications regarding the number of Fe(III)â€“phenolate bonds and the redox potential in uteroferrin. Dalton Transactions RSC, 2000, , 707-712.	2.3	29
143	Synthesis, structure and properties of the first dinuclear copper(II) complex as a structural model for the phenolic intermediate in tyrosinaseâ€“cresolase activity. Inorganic Chemistry Communication, 1999, 2, 334-337.	1.8	36
144	Crystal structure, spectral and magnetic properties of a new (Î¼-acetate) (Î¼-alkoxide) dicopper (II) complex as a model for tyrosinase. Inorganica Chimica Acta, 1998, 281, 111-115.	1.2	40