

# Giovanna Machado

## List of Publications by Year in descending order

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115  
papers

5,367  
citations

81900

39  
h-index

85541

71  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic degradation of RB5 textile dye using immobilized TiO <sub>2</sub> in brass structured systems. <i>Catalysis Today</i> , 2022, 383, 173-182.	4.4	10
2	Synthesis, characterization and antibiofilm/antimicrobial activity of nanoemulsions containing <i>Tetragastris catuaba</i> (Burseraceae) essential oil against disease-causing pathogens. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102795.	3.0	7
3	Binary Transition Metal NiFeO <sub>x</sub> and CoFeO <sub>x</sub> Cocatalysts Boost the Photodriven Water Oxidation over Fe <sub>2</sub> TiO <sub>5</sub> Nanoparticles. <i>ChemNanoMat</i> , 2022, 8, .	2.8	6
4	Sunlight Irradiated Pyrite-Fenton System for Advanced Oxidative Treatment of Textile Dyes Mixture. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	2.4	2
5	Nanoengineering of Catalysts for Enhanced Hydrogen Production. <i>Hydrogen</i> , 2022, 3, 218-254.	3.4	11
6	Direct Laser Writing of Poly(furfuryl Alcohol)/Graphene Oxide Electrodes for Electrochemical Determination of Ascorbic Acid. <i>ChemElectroChem</i> , 2022, 9, .	3.4	9
7	Perovskite CoTiO <sub>3</sub> /TiO <sub>2</sub> hybrid nanotubes synthesis via pulsed anodization for photoelectrochemical application. <i>Materials Letters</i> , 2021, 284, 128975.	2.6	3
8	Improved Mechanochemical Fabrication of Copper(II) Oxide Nanoparticles with Low E-Factor. Efficient Catalytic Activity for Nitroarene Reduction in Aqueous Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9661-9670.	6.7	9
9	Boosting the performance of TiO <sub>2</sub> nanotubes with ecofriendly AgIn <sub>5</sub> Se <sub>8</sub> quantum dots for photoelectrochemical hydrogen generation. <i>Journal of Power Sources</i> , 2021, 506, 230165.	7.8	15
10	Structural, optical, and magnetic evaluation of Co-, Ni-, and Mn-modified multiferroic BiFeO <sub>3</sub> ceramics. <i>Ceramics International</i> , 2021, 47, 24564-24573.	4.8	3
11	Effect of heterocyclic nitrogen ionic liquid additives on the rate of backreaction in DSSCs: An electrochemical characterization. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 483-487.	3.1	4
12	The Deposition of a Lectin from <i>Oreochromis niloticus</i> on the Surface of Titanium Dioxide Nanotubes Improved the Cell Adhesion, Proliferation, and Osteogenic Activity of Osteoblast-like Cells. <i>Biomolecules</i> , 2021, 11, 1748.	4.0	2
13	Physicochemical characterization, released profile, and antinociceptive activity of diphenhydraminium ibuprofenate supported on mesoporous silica. <i>Materials Science and Engineering C</i> , 2020, 108, 110194.	7.3	4
14	Residue-based TiO <sub>2</sub> /PET photocatalytic films for the degradation of textile dyes: A step in the development of green monolith reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 147, 107792.	3.6	19
15	Synthesis, characterization and cytotoxicity of the <i>Eugenia brejoensis</i> essential oil inclusion complex with $\beta$ -cyclodextrin. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101876.	3.0	10
16	ZnO nanoparticles impact on the photosynthetic activity of <i>Vicia faba</i> : Effect of particle size and concentration. <i>NanoImpact</i> , 2020, 19, 100246.	4.5	18
17	Soapstone reinforced hydroxyapatite coatings for biomedical applications. <i>Surface and Coatings Technology</i> , 2020, 397, 126005.	4.8	5
18	Preparation, characterization and application of polymeric thin films containing silver and copper nanoparticles with bactericidal activity. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103745.	6.7	10

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19	TiO <sub>2</sub> nanotubes decorated with Au nanoparticles for Photocatalytic Hydrogen Generation under UV-Visible and Visible Light Irradiations. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200504.	0.8	2
20	Synthesis and characterisation of [Cu <sub>4</sub> In(PPH) <sub>3</sub> ] <sub>3</sub> SePh(1/4-SePh) <sub>3</sub> (1/4-SePh) <sub>3</sub> ], <sub>7</sub> and its application as a precursor of a sensitizer for a photocatalyst. <i>New Journal of Chemistry</i> , 2019, 43, 14196-14201.	2.8	7
21	Nanostructured Systems Obtention Using LbL Self-Assembly or the Cysteine-Assisted Adsorption Method and Their Application as a Water Splitting Single Catalyst. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	1
22	Effect of high anodic polarization on the passive layer properties of superduplex stainless steel friction stir welds at different chloride electrolyte pH values and temperatures. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2019, 26, 710-721.	4.9	10
23	Electrochemical single-step obtention and characterization of a biomimetic TiO <sub>2</sub> -HA NTs covered by chitosan. <i>Journal of Materials Research</i> , 2019, 34, 1868-1878.	2.6	3
24	Self-assembly of polyhedral oligomeric silsesquioxane structures through ion exchange. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 243, 38-46.	3.5	2
25	New strategy to obtain high surface area anatase nanotube/AuNP photocatalyst. <i>Nanotechnology</i> , 2019, 30, 065604.	2.6	5
26	Cytotoxic and genotoxic effects of silver nanoparticles on meristematic cells of <i>Allium cepa</i> roots: A close analysis of particle size dependence. <i>Science of the Total Environment</i> , 2019, 660, 459-467.	8.0	102
27	Hydrogen production from aqueous glycerol using titanate nanotubes decorated with Au nanoparticles as photocatalysts. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, .	0.8	5
28	Interrelation Among Morphology, Mechanical Properties and Oxidation Behavior of Nb <sub>x</sub> Al <sub>y</sub> N <sub>z</sub> Thin Films. <i>Materials Research</i> , 2019, 22, .	1.3	2
29	Synthesis and Visible-Light-Driven Photocatalytic Activity of Ta <sup>4+</sup> Self-Doped Gray Ta <sub>2</sub> O <sub>5</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6014-6025.	3.1	40
30	Chemical composition and antibacterial activity of <i>Eugenia brejoensis</i> essential oil nanoemulsions against <i>Pseudomonas fluorescens</i> . <i>LWT - Food Science and Technology</i> , 2018, 93, 659-664.	5.2	30
31	Core-Shell Fe-Pt Nanoparticles in Ionic Liquids: Magnetic and Catalytic Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4641-4650.	3.1	27
32	An investigation on the preparation of nanocrystalline hydrous zirconia from zirconium tungstate. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	3
33	Titanium dioxide nanotubes functionalized with <i>Cratylia mollis</i> seed lectin, Cramoll, enhanced osteoblast-like cells adhesion and proliferation. <i>Materials Science and Engineering C</i> , 2018, 90, 664-672.	7.3	13
34	<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> infections on implants. <i>Journal of Hospital Infection</i> , 2018, 98, 111-117.	2.9	266
35	Encapsulation of the HSP-90 Chaperone Inhibitor 17-AAG in Stable Liposome Allow Increasing the Therapeutic Index as Assessed, in vitro, on <i>Leishmania (L) amazonensis</i> Amastigotes-Hosted in Mouse CBA Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 303.	3.9	19
36	Influence of sucrose addition and acid treatment of silica-supported Co-Ru catalysts for Fischer-Tropsch synthesis. <i>Fuel</i> , 2018, 231, 157-164.	6.4	8

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37	Effect of chitosan nanoparticles on the inhibition of <i>Candida</i> spp. biofilm on denture base surface. <i>Archives of Oral Biology</i> , 2018, 94, 99-107.	1.8	54
38	Enhanced Visible-Light Photoelectrochemical Conversion on TiO <sub>2</sub> Nanotubes with Bi <sub>2</sub> S <sub>3</sub> Quantum Dots Obtained by in Situ Electrochemical Method. <i>ACS Applied Energy Materials</i> , 2018, 1, 3636-3645.	5.1	42
39	Hydrogen photocatalytic production from the self-assembled films of PAH/PAA/TiO <sub>2</sub> supported on bacterial cellulose membranes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15794-15806.	7.1	6
40	Syntheses and structural understanding of a Ti-Ta alloy-based nanotubular oxide photocatalyst. <i>CrystEngComm</i> , 2018, 20, 5583-5591.	2.6	7
41	Interaction of pharmaceutical ionic liquids with TiO <sub>2</sub> in anatase and rutile phase. <i>Journal of Molecular Liquids</i> , 2018, 269, 912-919.	4.9	9
42	Control of properties of nanocomposites bio-based collagen and cellulose nanocrystals. <i>Cellulose</i> , 2017, 24, 1731-1744.	4.9	13
43	Photochemical Hydrogen Production of Ta <sub>2</sub> O <sub>5</sub> Nanotubes Decorated with NiO Nanoparticles by Modified Sputtering Deposition. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5855-5863.	3.1	39
44	Economically attractive route for the preparation of high quality magnetic nanoparticles by the thermal decomposition of iron(III) acetylacetonate. <i>Nanotechnology</i> , 2017, 28, 115603.	2.6	52
45	Functionalization of titanium dioxide nanotubes with biomolecules for biomedical applications. <i>Materials Science and Engineering C</i> , 2017, 81, 597-606.	7.3	73
46	Characterization and application of self-assembled thin films of polyelectrolytes/TiO <sub>2</sub> /CdSe for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 16568-16578.	7.1	10
47	Anti-Inflammatory Activity of Babassu Oil and Development of a Microemulsion System for Topical Delivery. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-14.	1.2	8
48	Dispersão e consolidação de zircônia dopada com WO <sub>x</sub> a partir do tungstato de zircônio e trietanolamina em meio aquoso. <i>Ceramica</i> , 2017, 63, 11-21.	0.8	0
49	Effects of the large distribution of CdS quantum dot sizes on the charge transfer interactions into TiO <sub>2</sub> nanotubes for photocatalytic hydrogen generation. <i>Nanotechnology</i> , 2016, 27, 285401.	2.6	25
50	Photocatalytic reforming of aqueous formaldehyde with hydrogen generation over TiO <sub>2</sub> nanotubes loaded with Pt or Au nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 11599-11607.	7.1	42
51	Hydrogen production by photocatalytic water splitting using poly(allylamine) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (ty <i>Journal of Hydrogen Energy</i> , 2016, 41, 17995-18004.	7.1	16
52	Effect of TiO <sub>2</sub> Nanoparticles on Polyaniline Films Electropolymerized at Different pH. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14977-14983.	3.1	7
53	Influence of the support on PtSn electrocatalysts behavior: Ethanol electro-oxidation performance and in-situ ATR-FTIRS studies. <i>Applied Catalysis B: Environmental</i> , 2016, 193, 170-179.	20.2	25
54	Elucidating Anion Effect on Nanostructural Organization of Dicationic Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14402-14409.	3.1	15

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55	Removal of coliform bacteria from industrial wastewaters using polyelectrolytes/silver nanoparticles self-assembled thin films. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 137-146.	6.7	26
56	Evaluation of photodynamic activity, photostability and in vitro drug release of zinc phthalocyanine-loaded nanocapsules. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 83, 88-98.	4.0	40
57	Characterization and Application of Nanostructured Films Containing Au and TiO <sub>2</sub> Nanoparticles Supported in Bacterial Cellulose. <i>Journal of Physical Chemistry C</i> , 2015, 119, 340-349.	3.1	20
58	Effect on aggregation behavior of long-chain spacers of dicationic imidazolium-based ionic liquids in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 285-294.	4.7	53
59	Preparation and characterization of polyhedral oligomeric silsesquioxane (POSS) using domestic microwave oven. <i>Journal of Non-Crystalline Solids</i> , 2015, 428, 82-89.	3.1	32
60	Palladium metal nanoparticles stabilized by ionophilic ligands in ionic liquids: synthesis and application in hydrogenation reactions. <i>Catalysis Science and Technology</i> , 2015, 5, 903-909.	4.1	38
61	Preparation, characterization and application of polyelectrolytes/TiO <sub>2</sub> /CdSe self-assembled films. <i>Thin Solid Films</i> , 2014, 551, 79-85.	1.8	9
62	Copper nanoparticles synthesized by thermal decomposition in liquid phase: the influence of capping ligands on the synthesis and bactericidal activity. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	21
63	Structural Organization and Supramolecular Interactions of the Task-Specific Ionic Liquid 1-Methyl-3-carboxymethylimidazolium Chloride: Solid, Solution, and Gas Phase Structures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17878-17889.	3.1	17
64	Preparation of TiO <sub>2</sub> Nanoparticles Coated with Ionic Liquids: A Supramolecular Approach. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 11536-11543.	8.0	64
65	Engineering of CdTe Multicore in ZnO Nanoshell as a New Charge-Transfer Material. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18372-18376.	3.1	4
66	Solid, Solution and Gas Phase Interactions of an Imidazolium-Based Task-Specific Ionic Liquid Derived from Natural Kojic Acid. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
67	Reactive melt blending of PS/POSS hybrid nanocomposites. <i>Journal of Applied Polymer Science</i> , 2013, 128, 811-827.	2.6	29
68	Direct synthesis of coated gold nanoparticles mediated by polymers with amino groups. <i>Journal of Colloid and Interface Science</i> , 2013, 397, 114-121.	9.4	34
69	Photocatalytic Nanostructured Self-Assembled Poly(allylamine hydrochloride)/Poly(acrylic acid) Polyelectrolyte Films Containing Titanium Dioxide/Gold Nanoparticles for Hydrogen Generation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23235-23243.	3.1	21
70	Controlled synthesis of Mn <sub>3</sub> O <sub>4</sub> nanoparticles in ionic liquids. <i>Dalton Transactions</i> , 2013, 42, 14473.	3.3	44
71	Sputtering deposition of magnetic Ni nanoparticles directly onto an enzyme surface: a novel method to obtain a magnetic biocatalyst. <i>Chemical Communications</i> , 2013, 49, 1273.	4.1	55
72	Morphological and structural characterization of PHBV/organoclay nanocomposites by small angle X-ray scattering. <i>Materials Science and Engineering C</i> , 2013, 33, 932-937.	7.3	24

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73	Characterization of Films of Weak Polyelectrolytes Incorporated with Poly(vinyl-pyrrolidone)-Stabilized Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 8023-8028.	0.9	5
74	On the formation of anisotropic gold nanoparticles by sputtering onto a nitrile functionalised ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13552.	2.8	55
75	Palladium nanoparticle catalysts in ionic liquids: synthesis, characterisation and selective partial hydrogenation of alkynes to Z-alkenes. <i>Journal of Materials Chemistry</i> , 2011, 21, 3030.	6.7	105
76	Structural control of gold nanoparticles self-assemblies by layer-by-layer process. <i>Nanoscale</i> , 2011, 3, 1717.	5.6	12
77	Nanocrystalline Hydrated Zirconia from Zirconium Tungstate. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2640-2645.	3.8	4
78	Nickel-containing di-charged imidazolium ligand with high crystalline organization. Interception and characterization of a transient carbene/cation species. <i>Inorganica Chimica Acta</i> , 2011, 370, 505-512.	2.4	14
79	Uniaxial compression and stretching deformation of an i-PP/EPDM/organoclay nanocomposite. <i>Polymer</i> , 2011, 52, 1037-1044.	3.8	21
80	Structure, composition, and mechanical characterization of dc sputtered TiN-MoS <sub>2</sub> nanocomposite thin films. <i>Surface and Coatings Technology</i> , 2011, 205, 3810-3815.	4.8	25
81	Thermal and morphological properties of high-density polyethylene/ethylene vinyl acetate copolymer composites with polyhedral oligomeric silsesquioxane nanostructure. <i>Polymer International</i> , 2010, 59, 175-180.	3.1	15
82	Growth of TiO <sub>2</sub> nanotube arrays with simultaneous Au nanoparticles impregnation: photocatalysts for hydrogen production. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1359-1365.	0.6	34
83	Influence of different restorative techniques on marginal seal of class II composite restorations. <i>Journal of Applied Oral Science</i> , 2010, 18, 37-43.	1.8	19
84	Imidazolium ionic liquids as promoters and stabilising agents for the preparation of metal(0) nanoparticles by reduction and decomposition of organometallic complexes. <i>Nanoscale</i> , 2010, 2, 2601.	5.6	80
85	Nanostructures in ionic liquids: correlation of iridium nanoparticles size and shape with imidazolium salts structural organization and catalytic properties. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6826.	2.8	79
86	Characterization of nanoparticles through medium-energy ion scattering. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	51
87	Solid state evaluation of some thalidomide raw materials. <i>International Journal of Pharmaceutics</i> , 2009, 372, 17-23.	5.2	19
88	Ruthenium nanoparticles prepared from ruthenium dioxide precursor: Highly active catalyst for hydrogenation of arenes under mild conditions. <i>Journal of Molecular Catalysis A</i> , 2009, 298, 69-73.	4.8	66
89	Synthesis and characterization of thermoplastic polyurethane/nanoclay composites. <i>Materials Science and Engineering C</i> , 2009, 29, 474-478.	7.3	30
90	Morphological and crystalline studies of isotactic polypropylene plastically deformed and evaluated by small-angle X-ray scattering, scanning electron microscopy and X-ray diffraction. <i>European Polymer Journal</i> , 2009, 45, 700-713.	5.4	31

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91	Silver Nanoparticles Obtained in PAH/PAA-Based Multilayers by Photochemical Reaction. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19005-19010.	3.1	22
92	Synthesis of colloids based on gold nanoparticles dispersed in castor oil. <i>Journal of Nanoparticle Research</i> , 2008, 10, 201-208.	1.9	54
93	Cobalt Nanocubes in Ionic Liquids: Synthesis and Properties. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9075-9078.	13.8	106
94	Hydrogen Reduction of Adams's Catalyst in Ionic Liquids: Formation and Stabilization of Pt(0) Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16463-16469.	3.1	41
95	Nanoscale Ru(0) Particles: Arene Hydrogenation Catalysts in Imidazolium Ionic Liquids. <i>Inorganic Chemistry</i> , 2008, 47, 8995-9001.	4.0	128
96	Structural aspects of transition-metal nanoparticles in imidazolium ionic liquids. <i>International Journal of Nanotechnology</i> , 2007, 4, 541.	0.2	58
97	Structural properties of the quaternary Heusler alloy $\text{Co}_2\text{Cr}_{1-x}\text{Fe}_x\text{Al}$ . <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1524-1533.	2.8	34
98	Synthesis and characterization of nickel nanoparticles dispersed in imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 4814.	2.8	177
99	Superparamagnetic nanoparticle-supported palladium: a highly stable magnetically recoverable and reusable catalyst for hydrogenation reactions. <i>Green Chemistry</i> , 2007, 9, 379.	9.0	146
100	Disclosure of the imidazolium cation coordination and stabilization mode in ionic liquid stabilized gold(0) nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 189-195.	9.4	156
101	Synthesis and Characterization of Pt(0) Nanoparticles in Imidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13011-13020.	2.6	224
102	Petrology and chemistry of Permian coals from the Paraná Basin: 1. Santa Terezinha, Leão-Buté and Candiota Coalfields, Rio Grande do Sul, Brazil. <i>International Journal of Coal Geology</i> , 2006, 68, 79-116.	5.0	90
103	Synthesis and characterization of catalytic iridium nanoparticles in imidazolium ionic liquids. <i>Journal of Colloid and Interface Science</i> , 2006, 301, 193-204.	9.4	208
104	Rh(0) nanoparticles as catalyst precursors for the solventless hydroformylation of olefins. <i>Journal of Molecular Catalysis A</i> , 2006, 252, 212-218.	4.8	104
105	Crystalline properties and morphological changes in plastically deformed isotactic polypropylene evaluated by X-ray diffraction and transmission electron microscopy. <i>European Polymer Journal</i> , 2005, 41, 129-138.	5.4	77
106	Selective Hydrogenation of 1,3-Butadiene to 1-Butene by Pd(0) Nanoparticles Embedded in Imidazolium Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1404-1412.	4.3	174
107	Laser-Induced Fragmentation of Transition Metal Nanoparticles in Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2005, 127, 4588-4589.	13.7	133
108	The Role of Pd Nanoparticles in Ionic Liquid in the Heck Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 3298-3299.	13.7	378

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109	Ruthenium dioxide nanoparticles in ionic liquids: synthesis, characterization and catalytic properties in hydrogenation of olefins and arenes. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 901-910.	0.6	63
110	On the Use of Ruthenium Dioxide in 1-n-Butyl-3-Methylimidazolium Ionic Liquids as Catalyst Precursor for Hydrogenation Reactions. <i>Catalysis Letters</i> , 2004, 92, 149-155.	2.6	71
111	The Partial Hydrogenation of Benzene to Cyclohexene by Nanoscale Ruthenium Catalysts in Imidazolium Ionic Liquids. <i>Chemistry - A European Journal</i> , 2004, 10, 3734-3740.	3.3	233
112	Nanoscale Pt(0) Particles Prepared in Imidazolium Room Temperature Ionic Liquids: Synthesis from an Organometallic Precursor, Characterization, and Catalytic Properties in Hydrogenation Reactions. <i>Inorganic Chemistry</i> , 2003, 42, 4738-4742.	4.0	337
113	Microstructural orientation of isotactic polypropylene studied by computerized scanning electron microscopy image analysis. <i>Materials Research</i> , 2001, 4, 103-106.	1.3	2
114	Factorial Design Applied for Evaluation of Effect of Interactions among Precursors on the Thermal Decomposition Temperature of Montmorillonite/Poly(Methyl Methacrylate) Nanocomposites. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
115	Photocatalytic Performance of Ta <sub>2</sub> O <sub>5</sub> /BiVO <sub>4</sub> Heterojunction for Hydrogen Production and Methylene Blue Photodegradation. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0