

Jairton Dupont

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8730338/jairton-dupont-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

399
papers

26,652
citations

73
h-index

151
g-index

452
ext. papers

28,167
ext. citations

5.7
avg. IF

7.24
L-index

#	Paper	IF	Citations
399	Surface active SNS-based dicationic ionic liquids containing amphiphilic anions: Experimental and theoretical studies of their structures and organization in solution. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117725	6	1
398	Catalytic Properties of Metal Nanoparticles Confined in Ionic Liquids 2021 , 123-138		0
397	Use of an optofluidic microreactor and Cu nanoparticles synthesized in ionic liquid and embedded in TiO ₂ for an efficient photoreduction of CO ₂ to methanol. <i>Chemical Engineering Journal</i> , 2021 , 404, 126643	14.7	32
396	Bimetallic RuPd nanoparticles in ionic liquids: selective catalysts for the hydrogenation of aromatic compounds. <i>New Journal of Chemistry</i> , 2021 , 45, 98-103	3.6	3
395	Structural, optical and catalytic properties of ZnO-SiO ₂ colored powders with the visible light-driven activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 421, 113532	4.7	3
394	Solvent influence on imidazolium based ionic liquid contact pairs. <i>Journal of Molecular Liquids</i> , 2020 , 315, 113615	6	1
393	The Nature of Carbon Dioxide in Bare Ionic Liquids. <i>ChemSusChem</i> , 2020 , 13, 3101-3109	8.3	17
392	Appending ionic liquids to fluorescent benzothiadiazole derivatives: Light up and selective lysosome staining. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128530	8.5	5
391	Rhodium nanoparticles impregnated on TiO ₂ : strong morphological effects on hydrogen production. <i>New Journal of Chemistry</i> , 2020 , 44, 13249-13258	3.6	2
390	Catalytic Semi-Water-Gas Shift Reaction: A Simple Green Path to Formic Acid Fuel. <i>ChemSusChem</i> , 2020 , 13, 1817-1824	8.3	2
389	Cerium Oxide Nanoparticles Inside Carbon Nanoreactors for Selective Allylic Oxidation of Cyclohexene. <i>Nano Letters</i> , 2020 , 20, 1161-1171	11.5	15
388	Catalyst design for highly efficient carbon dioxide hydrogenation to formic acid under buffering conditions. <i>Journal of Catalysis</i> , 2020 , 385, 1-9	7.3	17
387	Treatment and characterization of biomass of soybean and rice hulls using ionic liquids for the liberation of fermentable sugars. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20191258	1.4	2
386	MNP Catalysis in Ionic Liquids. <i>Molecular Catalysis</i> , 2020 , 107-128	0.3	
385	Nonlinear and thermo-optical characterisation of bare ionic liquids. <i>Journal of Physics Condensed Matter</i> , 2020 ,	1.8	3
384	Fast CO ₂ hydrogenation to formic acid catalyzed by an Ir(PSiP) pincer hydride in a DMSO/water/ionic liquid solvent system. <i>Catalysis Communications</i> , 2020 , 146, 106125	3.2	8
383	Ionic liquids for thermoelectrochemical energy generation. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020 , 26, 100404	7.9	4

382	Reverse Semi-Combustion Driven by Titanium Dioxide-Ionic Liquid Hybrid Photocatalyst. <i>ChemSusChem</i> , 2020 , 13, 5580-5585	8.3	0
381	Paramagnetic ionic liquid-coated SiO ₂ @Fe ₃ O ₄ nanoparticles: The next generation of magnetically recoverable nanocatalysts applied in the glycolysis of PET. <i>Applied Catalysis B: Environmental</i> , 2020 , 260, 118110	21.8	46
380	A Cooperative Photoactive Class-I Hybrid Polyoxometalate With Benzothiadiazole-Imidazolium Cations. <i>Frontiers in Chemistry</i> , 2020 , 8, 612535	5	0
379	Photoreforming driven by indium hydroxide/oxide nano-objects. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 25695-25705	6.7	3
378	Dealing with supramolecular structure for ionic liquids: a DOSY NMR approach. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 2567-2571	3.6	17
377	Structural and photocatalytic properties of silicon carbide powder and nanowires modified by gold nanoparticles. <i>Research on Chemical Intermediates</i> , 2019 , 45, 4081-4100	2.8	3
376	Ionic liquid-assisted hydrothermal synthesis of Nb/TiO ₂ nanocomposites for efficient photocatalytic hydrogen production and photodecolorization of Rhodamine B under UV-visible and visible light illuminations. <i>Materials Today Chemistry</i> , 2019 , 12, 373-385	6.2	17
375	Transition metal-catalyzed hydrogenation of carbon dioxide in ionic liquids. <i>Advances in Organometallic Chemistry</i> , 2019 , 259-274	3.8	2
374	CO Electroreduction in Ionic Liquids. <i>Frontiers in Chemistry</i> , 2019 , 7, 102	5	43
373	Renewable supercapacitors based on cellulose/carbon nanotubes/[Bmim][NTf ₂] ionic liquid. <i>MRS Communications</i> , 2019 , 9, 726-729	2.7	3
372	Synergistic CO ₂ hydrogenation over bimetallic Ru/Ni nanoparticles in ionic liquids. <i>Applied Catalysis B: Environmental</i> , 2019 , 252, 10-17	21.8	25
371	Polypyrrole/Ionic Liquid/Au Nanoparticle Counter-Electrodes for Dye-Sensitized Solar Cells: Improving Charge-Transfer Resistance at the CE/Electrolyte Interface. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H3188-H3194	3.9	5
370	Isothiouonium salts as useful and odorless intermediates for the synthesis of thiaalkylimidazolium ionic liquids. <i>Tetrahedron Letters</i> , 2019 , 60, 780-784	2	3
369	Photocatalytic Reverse Semi-Combustion Driven by Ionic Liquids. <i>ChemSusChem</i> , 2019 , 12, 1011-1016	8.3	9
368	Functionalized Ionic Liquids Sputter Decorated with Pd Nanoparticles. <i>Australian Journal of Chemistry</i> , 2019 , 72, 49	1.2	5
367	Physical and Electrochemical Modulation of Polyoxometalate Ionic Liquids via Organic Functionalization. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 456-460	2.3	10
366	Tunneling effects in confined gold nanoparticle hydrogenation catalysts. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 16615-16622	3.6	3
365	Efficient Electrocatalytic CO Reduction Driven by Ionic Liquid Buffer-Like Solutions. <i>ChemSusChem</i> , 2019 , 12, 4170-4175	8.3	8

364	In My Element: Hydrogen: The Mother Atom. <i>Chemistry - A European Journal</i> , 2019 , 25, 3404-3404	4.8	1
363	On the real catalytically active species for CO ₂ fixation into cyclic carbonates under near ambient conditions: Dissociation equilibrium of [BMIm][Fe(NO) ₂ Cl ₂] dependant on reaction temperature. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 240-250	21.8	35
362	Correspondence on "Preorganization and Cooperation for Highly Efficient and Reversible Capture of Low-Concentration CO by Ionic Liquids". <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 382-385	16.4	17
361	Arene Hydrogenation by Metal Nanoparticles in Ionic Liquids. <i>ChemCatChem</i> , 2019 , 11, 333-341	5.2	23
360	Fabrication of naked silver nanoparticles in functionalized ionic liquids. <i>Nano Structures Nano Objects</i> , 2018 , 14, 92-97	5.6	10
359	Intermolecular hydrogen bonds in water@IL supramolecular complexes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 11608-11614	3.6	15
358	Tunable Ionic Control of Polymeric Films for Inkjet Based 3D Printing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 3984-3991	8.3	15
357	CoreShell FePt Nanoparticles in Ionic Liquids: Magnetic and Catalytic Properties. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 4641-4650	3.8	19
356	Selective CO ₂ Hydrogenation to Formic Acid with Multifunctional Ionic Liquids. <i>ACS Catalysis</i> , 2018 , 8, 1628-1634	13.1	87
355	Selective Carbon Dioxide Hydrogenation Driven by Ferromagnetic RuFe Nanoparticles in Ionic Liquids. <i>ACS Catalysis</i> , 2018 , 8, 1621-1627	13.1	49
354	Ionic Liquid-Assisted Hydrothermal Synthesis of Silver Vanadate Nanorods		3
353	Tuning the structure and magnetic behavior of Ni-Ir-based nanoparticles in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 10247-10257	3.6	8
352	Telomerization of 1,3-Butadiene with Carbon Dioxide: A Highly Efficient Process for ϵ -Lactone Generation. <i>ChemCatChem</i> , 2018 , 10, 206-210	5.2	8
351	Supramolecular interaction of non-racemic benzimidazolium based ion pairs with chiral substrates. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 20821-20826	3.6	6
350	Synergistic interplay of ionic liquid and dodecyl sulphate driving the oxidation state of polypyrrole based electrodes. <i>New Journal of Chemistry</i> , 2018 , 42, 13828-13835	3.6	7
349	The heterojunction effect of Pd on TiO ₂ for visible light photocatalytic hydrogen generation via water splitting reaction and photodecolorization of trypan blue dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 11132-11143	2.1	9
348	Cation-Anion-CO Interactions in Imidazolium-Based Ionic Liquid Sorbents. <i>ChemPhysChem</i> , 2018 , 19, 2879-2884	2.0	20
347	Nonlinear optical characterization of new ionic liquids by a noise reduced thermally managed EZ-Scan technique		1

346	Hydrothermal synthesis of TiO ₂ nanoparticles for enhanced photocatalytic H ₂ generation. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 4028-4035	6.7	18
345	Imprinted Naked Pt Nanoparticles on N-Doped Carbon Supports: A Synergistic Effect between Catalyst and Support. <i>Chemistry - A European Journal</i> , 2018 , 24, 1365-1372	4.8	15
344	Correspondence on Preorganization and Cooperation for Highly Efficient and Reversible Capture of Low-Concentration CO ₂ by Ionic Liquids. <i>Angewandte Chemie</i> , 2018 , 131, 388	3.6	
343	High capacity MoO ₃ /rGO nanocomposite anode for lithium ion batteries: an intuition into the conversion mechanism of MoO ₃ . <i>New Journal of Chemistry</i> , 2018 , 42, 18569-18577	3.6	26
342	Is the formation of N-heterocyclic carbenes (NHCs) a feasible mechanism for the distillation of imidazolium ionic liquids?. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24716-24725	3.6	4
341	Cycloaddition of carbon dioxide to epoxides catalysed by supported ionic liquids. <i>Catalysis Science and Technology</i> , 2018 , 8, 3081-3089	5.5	31
340	Structural, electronic and catalytic properties of palladium nanoparticles supported on poly(ionic liquid). <i>Applied Catalysis A: General</i> , 2018 , 562, 79-86	5.1	5
339	Organocatalytic Imidazolium Ionic Liquids H/D Exchange Catalysts. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2622-2629	4.2	16
338	Photochemical Hydrogen Production of Ta ₂ O ₅ Nanotubes Decorated with NiO Nanoparticles by Modified Sputtering Deposition. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 5855-5863	3.8	28
337	Progressive addition of GO to TiO ₂ nanowires for remarkable changes in photochemical hydrogen production. <i>Ionics</i> , 2017 , 23, 2887-2894	2.7	5
336	Charge-tagged N-heterocyclic carbenes (NHC): Direct transfer from ionic liquid solutions and long-lived nature in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1021-1029	3.5	3
335	Hierarchically structured polymeric ionic liquids and polyvinylpyrrolidone mat-fibers fabricated by electrospinning. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9733-9744	13	16
334	Effect of anodisation time and thermal treatment temperature on the structural and photoelectrochemical properties of TiO ₂ nanotubes. <i>Journal of Solid State Chemistry</i> , 2017 , 251, 217-223	3.3	4
333	Ru-Catalyzed Estragole Isomerization under Homogeneous and Ionic Liquid Biphasic Conditions. <i>ACS Omega</i> , 2017 , 2, 1146-1155	3.9	4
332	Revealing Hydrogenation Reaction Pathways on Naked Gold Nanoparticles. <i>ACS Catalysis</i> , 2017 , 7, 2791-2799	3.99	42
331	Effect of the magnetic core of (MnFe) ₂ O ₃ @Ta ₂ O ₅ nanoparticles on photocatalytic hydrogen production. <i>New Journal of Chemistry</i> , 2017 , 41, 326-334	3.6	5
330	Confined naked gold nanoparticles in ionic liquid films. <i>Nanoscale</i> , 2017 , 9, 18753-18758	7.7	11
329	Ionic liquid assisted hydrothermal syntheses of Au doped TiO ₂ NPs for efficient visible-light photocatalytic hydrogen production from water, electrochemical detection and photochemical detoxification of hexavalent chromium (Cr ⁶⁺). <i>RSC Advances</i> , 2017 , 7, 43233-43244	3.7	28

328	Carbon Dioxide Capture by Aqueous Ionic Liquid Solutions. <i>ChemSusChem</i> , 2017 , 10, 4927-4933	8.3	45
327	Save money during hydrogenation reactions by exploiting the superior performance of Pd-NPs deposited on carbon black by magnetron sputtering. <i>Tetrahedron</i> , 2017 , 73, 5593-5598	2.4	6
326	Challenging Thermodynamics: Hydrogenation of Benzene to 1,3-Cyclohexadiene by Ru@Pt Nanoparticles. <i>ChemCatChem</i> , 2017 , 9, 204-211	5.2	23
325	Catalytically Active Membrane-like Devices: Ionic Liquid Hybrid Organosilicas Decorated with Palladium Nanoparticles. <i>ACS Catalysis</i> , 2016 , 6, 6478-6486	13.1	44
324	Ionic Liquid Assisted Hydrothermal Syntheses of TiO ₂ /CuO Nano-Composites for Enhanced Photocatalytic Hydrogen Production from Water. <i>ChemistrySelect</i> , 2016 , 1, 2199-2206	1.8	9
323	Carbon Dioxide Transformation in Imidazolium Salts: Hydroaminomethylation Catalyzed by Ru-Complexes. <i>ChemSusChem</i> , 2016 , 9, 2129-34	8.3	16
322	Pristine Ta N Nanotubes: Trap-Driven High External Biasing Perspective in Semiconductor/Electrolyte Interfaces. <i>Chemistry - A European Journal</i> , 2016 , 22, 18501-18511	4.8	13
321	Superior activity of the CuS/TiO ₂ /Pt hybrid nanostructure towards visible light induced hydrogen production. <i>New Journal of Chemistry</i> , 2016 , 40, 10172-10180	3.6	26
320	Confined water in imidazolium based ionic liquids: a supramolecular guest@host complex case. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18297-304	3.6	30
319	Synergizing nanocomposites of CdSe/TiO ₂ nanotubes for improved photoelectrochemical activity via thermal treatment. <i>Dalton Transactions</i> , 2016 , 45, 9925-31	4.3	10
318	Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. <i>Chemistry - A European Journal</i> , 2016 , 22, 138-43	4.8	64
317	Enhanced photocatalytic hydrogen production from Y ₂ O ₃ /TiO ₂ nano-composites: a comparative study on hydrothermal synthesis with and without an ionic liquid. <i>New Journal of Chemistry</i> , 2016 , 40, 3578-3587	3.6	20
316	Photocatalytic activity of Li-doped TiO ₂ nanoparticles: Synthesis via ionic liquid-assisted hydrothermal route. <i>Materials Research Bulletin</i> , 2016 , 78, 103-111	5.1	32
315	Third-order nonlinear optical responses of colloidal Ag nanoparticles dispersed in BMIBF ₄ ionic liquid. <i>Optical Materials Express</i> , 2016 , 6, 244	2.6	8
314	Interacting Superparamagnetic Iron(II) Oxide Nanoparticles: Synthesis and Characterization in Ionic Liquids. <i>Inorganic Chemistry</i> , 2016 , 55, 865-70	5.1	13
313	Liberation of fermentable sugars from soybean hull biomass using ionic liquid 1-butyl-3-methylimidazolium acetate and their bioconversion to ethanol. <i>Biotechnology Progress</i> , 2016 , 32, 312-20	2.8	13
312	Heterojunction CuO-TiO ₂ nanocomposite synthesis for significant photocatalytic hydrogen production. <i>Materials Research Express</i> , 2016 , 3, 115904	1.7	25
311	Frontispiece: Synthesis and Characterisation of Fluorescent Carbon Nanodots Produced in Ionic Liquids by Laser Ablation. <i>Chemistry - A European Journal</i> , 2016 , 22,	4.8	1

310	Hybrid tantalum oxide nanoparticles from the hydrolysis of imidazolium tantalate ionic liquids: efficient catalysts for hydrogen generation from ethanol/water solutions. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 7469-7475	13	31
309	Synthesis and Characterization of Diethylphosphonate and Carboxylate-appended Iridium Complexes for the Application on Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2016 , 1, 2842-2848	1.8	3
308	Electrochemical Sensing of Dopamine and Antibacterial Properties of ZnO Nanoparticles Synthesized from Solution Combustion Method. <i>International Journal of Nanoscience</i> , 2015 , 14, 1550005	0.6	12
307	Ionic liquid-assisted hydrothermal synthesis of TiO ₂ nanoparticles and its applications towards the photocatalytic activity and electrochemical sensor. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 1358-1373	1.9	10
306	Across the board: Jairton Dupont. <i>ChemSusChem</i> , 2015 , 8, 586-7	8.3	4
305	A Rational Approach to CO ₂ Capture by Imidazolium Ionic Liquids: Tuning CO ₂ Solubility by Cation Alkyl Branching. <i>ChemSusChem</i> , 2015 , 8, 1935-46	8.3	57
304	Effect of Oxygen Content on the Photoelectrochemical Activity of Crystallographically Preferred Oriented Porous Ta ₃ N ₅ Nanotubes. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 19906-19914	3.8	39
303	On the Colossal and Highly Anisotropic Thermal Expansion Exhibited by Imidazolium Salts. <i>Crystal Growth and Design</i> , 2015 , 15, 5207-5212	3.5	20
302	TiO ₂ /BGO hybrid nanomaterials for enhanced water splitting reaction. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 12209-12216	6.7	31
301	1-Ethyl-2,3-dimethylimidazolium paramagnetic ionic liquids with 3D magnetic ordering in its solid state: synthesis, structure and magneto-structural correlations. <i>RSC Advances</i> , 2015 , 5, 60835-60848	3.7	19
300	Structural, optical and photoelectrochemical characterizations of monoclinic Ta ₃ N ₅ thin films. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 23952-62	3.6	30
299	Polymorphic phase study on nitrogen-doped TiO ₂ nanoparticles: effect on oxygen site occupancy, dye sensitized solar cells efficiency and hydrogen production. <i>RSC Advances</i> , 2015 , 5, 101276-101286	3.7	16
298	Ionic liquid intercalated V ₂ O ₅ nanorods: synthesis and characterization. <i>Bulletin of Materials Science</i> , 2015 , 38, 1309-1313	1.7	4
297	Remote-controlled experiments with cloud chemistry. <i>Nature Chemistry</i> , 2015 , 7, 1-5	17.6	80
296	Sputtering-deposition of Ru nanoparticles onto Al ₂ O ₃ modified with imidazolium ionic liquids: synthesis, characterisation and catalysis. <i>Dalton Transactions</i> , 2015 , 44, 2827-34	4.3	23
295	Hydrogen generation and degradation of trypan blue using fern-like structured silver-doped TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 2015 , 39, 1421-1429	3.6	24
294	Ionic liquid effect: selective aniline oxidative coupling to azoxybenzene by TiO ₂ . <i>Catalysis Science and Technology</i> , 2015 , 5, 1459-1462	5.5	19
293	Charge-tagged ligands: useful tools for immobilising complexes and detecting reaction species during catalysis. <i>Chemical Science</i> , 2015 , 6, 77-94	9.4	37

292	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	5.5	35
291	Photoelectrochemical study of Ta ₃ N ₅ nanotubes for water splitting. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 97, 012007	0.4	2
290	Mesoporous Foam TiO ₂ Nanomaterials for Effective Hydrogen Production. <i>Chemistry - A European Journal</i> , 2015 , 21, 17624-30	4.8	15
289	The Multiple Roles of Imidazolium Ionic Liquids in Transition-Metal Catalysis: The Palladium-Catalyzed Telomerization of 1,3-Butadiene with Acetic Acid. <i>ChemCatChem</i> , 2015 , 7, 972-977	5.2	5
288	Imidazolium salt ion pairs in solution. <i>Chemistry - A European Journal</i> , 2015 , 21, 8324-35	4.8	137
287	Influence of the CeO ₂ Support on the Reduction Properties of Cu/CeO ₂ and Ni/CeO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 26459-26470	3.8	37
286	Benzene partial hydrogenation: advances and perspectives. <i>Chemical Society Reviews</i> , 2015 , 44, 1886-97	58.5	81
285	The Partial Hydrogenation of 1,3-Dienes Catalysed by Soluble Transition-Metal Nanoparticles. <i>ChemCatChem</i> , 2014 , 6, 702-710	5.2	20
284	Comparison of the photocatalytic degradation of trypan blue by undoped and silver-doped zinc oxide nanoparticles. <i>Materials Science in Semiconductor Processing</i> , 2014 , 26, 7-17	4.3	44
283	Hydrogenation with Nanoparticles Using Supported Ionic Liquids 2014 , 263-278		5
282	TiO ₂ nanomaterials: Highly active catalysts for the oxidation of hydrocarbons. <i>Journal of Molecular Catalysis A</i> , 2014 , 383-384, 225-230		19
281	Platinum nanoparticles supported on ionic liquid-modified-silica gel: hydrogenation catalysts. <i>RSC Advances</i> , 2014 , 4, 16583-16588	3.7	20
280	Straightforward synthesis of bimetallic Co/Pt nanoparticles in ionic liquid: atomic rearrangement driven by reduction-sulfidation processes and Fischer-Tropsch catalysis. <i>Nanoscale</i> , 2014 , 6, 9085-92	7.7	45
279	The formation of imidazolium salt intimate (contact) ion pairs in solution. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12817-21	16.4	36
278	TiO ₂ nanotubes sensitized with CdSe via RF magnetron sputtering for photoelectrochemical applications under visible light irradiation. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 9148-53	3.6	25
277	Facile combustion synthesis of ZnO nanoparticles using <i>Cajanus cajan</i> (L.) and its multidisciplinary applications. <i>Materials Research Bulletin</i> , 2014 , 57, 325-334	5.1	41
276	Ruthenium-Catalyzed Hydroformylation of Alkenes by using Carbon Dioxide as the Carbon Monoxide Source in the Presence of Ionic Liquids. <i>ChemCatChem</i> , 2014 , 6, 2224-2228	5.2	48
275	Anion- and halide-halide nonbonding interactions in a new ionic liquid based on imidazolium cation with three-dimensional magnetic ordering in the solid state. <i>Inorganic Chemistry</i> , 2014 , 53, 8384-96	5.1	32

274	Insights on recyclable catalytic system composed of task-specific ionic liquids for the chemical fixation of carbon dioxide. <i>Green Chemistry</i> , 2014 , 16, 2815-2825	10	144
273	Hydrophobic effects on supported ionic liquid phase Pd nanoparticle hydrogenation catalysts. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18088-91	3.6	29
272	Structural stability of photodegradable poly(l-lactic acid)/PE/TiO ₂ nanocomposites through TiO ₂ nanospheres and TiO ₂ nanotubes incorporation. <i>Polymer Bulletin</i> , 2014 , 71, 1205-1217	2.4	11
271	Ionic-tagged catalytic systems applied to the ethenolysis of methyl oleate. <i>Catalysis Communications</i> , 2014 , 53, 57-61	3.2	13
270	The Formation of Imidazolium Salt Intimate (Contact) Ion Pairs in Solution. <i>Angewandte Chemie</i> , 2014 , 126, 13031-13035	3.6	13
269	A magnetic ionic liquid based on tetrachloroferrate exhibits three-dimensional magnetic ordering: a combined experimental and theoretical study of the magnetic interaction mechanism. <i>Chemistry - A European Journal</i> , 2014 , 20, 72-6	4.8	41
268	Immobilization of Thermomyces lanuginosus lipase by different techniques on Immobead 150 support: characterization and applications. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 2507-20	3.2	25
267	Ionothermal synthesis of TiO ₂ nanoparticles: Photocatalytic hydrogen generation. <i>Materials Letters</i> , 2013 , 109, 27-30	3.3	46
266	Controlled growth of TiO ₂ and TiO ₂ RGO composite nanoparticles in ionic liquids for enhanced photocatalytic H ₂ generation. <i>Journal of Molecular Catalysis A</i> , 2013 , 378, 213-220		39
265	Ionic liquid-assisted hydrothermal synthesis of TiO ₂ nanoparticles and its application in photocatalysis. <i>Journal of Materials Science</i> , 2013 , 48, 8420-8426	4.3	44
264	Controlled synthesis of Mn ₃ O ₄ nanoparticles in ionic liquids. <i>Dalton Transactions</i> , 2013 , 42, 14473-9	4.3	38
263	Solvation of carbon dioxide in [C ₄ mim][BF ₄] and [C(4) mim][PF ₆] ionic liquids revealed by high-pressure NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13024-7	16.4	50
262	Sputtering deposition of nanoparticles onto liquid substrates: Recent advances and future trends. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2468-2483	23.2	104
261	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, 1273-5	5.8	44
260	2,1,3-Benzothiadiazole and Derivatives: Synthesis, Properties, Reactions, and Applications in Light Technology of Small Molecules. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 228-255	3.2	202
259	On the stabilisation and surface properties of soluble transition-metal nanoparticles in non-functionalised imidazolium-based ionic liquids. <i>Current Opinion in Colloid and Interface Science</i> , 2013 , 18, 54-60	7.6	33
258	Development of biosensor for phenolic compounds containing PPO in β-cyclodextrin modified support and iridium nanoparticles. <i>Enzyme and Microbial Technology</i> , 2013 , 52, 296-301	3.8	15
257	Pt-Pd bimetallic nanoparticles dispersed in an ionic liquid and peroxidase immobilized on nanoclay applied in the development of a biosensor. <i>Analyst, The</i> , 2013 , 138, 4898-906	5	21

256	Imprinting of Catalytically Active Pd Nanoparticles onto Ionic-Liquid-Modified Al ₂ O ₃ Supports. <i>ChemCatChem</i> , 2013 , 5, 2471-2478	5.2	35
255	Synthesis and photophysical properties of fluorescent 2,1,3-benzothiadiazole-triazole-linked glycoconjugates: selective chemosensors for Ni(II). <i>Tetrahedron</i> , 2013 , 69, 201-206	2.4	37
254	Third-order nonlinear optical response of colloidal gold nanoparticles prepared by sputtering deposition. <i>Journal of Applied Physics</i> , 2013 , 114, 183104	2.5	25
253	Photo-induced reforming of alcohols with improved hydrogen apparent quantum yield on TiO ₂ nanotubes loaded with ultra-small Pt nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 14440-14450	6.7	46
252	Surface composition/organization of ionic liquids with Au nanoparticles revealed by high-sensitivity low-energy ion scattering. <i>Langmuir</i> , 2013 , 29, 14301-6	4	30
251	Nonlocal Nonlinear Optical Response of Ionic Liquids under Violet Excitation. <i>Advances in Materials Science and Engineering</i> , 2013 , 2013, 1-6	1.5	5
250	Solvation of Carbon Dioxide in [C ₄ mim][BF ₄] and [C ₄ mim][PF ₆] Ionic Liquids Revealed by High-Pressure NMR Spectroscopy. <i>Angewandte Chemie</i> , 2013 , 125, 13262-13265	3.6	19
249	Structure and Physico-Chemical Properties of Ionic Liquids: What Mass Spectrometry is Telling Us. <i>Current Organic Chemistry</i> , 2013 , 17, 257-272	1.7	15
248	A simple combinatorial method to describe particle retention time in random media with applications in chromatography. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012 , 391, 1-7	3.3	6
247	Transition Metal Nanoparticle Catalysis in Ionic Liquids. <i>ACS Catalysis</i> , 2012 , 2, 184-200	13.1	284
246	Charged silsesquioxane used as a vehicle for gold nanoparticles to perform the synthesis of catalyst xerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 258-265	2.3	14
245	Anionic and cationic influence on the nonlocal nonlinear optical response of ionic liquids. <i>Chemical Physics</i> , 2012 , 403, 33-36	2.3	21
244	Vapors from Ionic Liquids: Reconciling Simulations with Mass Spectrometric Data. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3435-41	6.4	46
243	Na _{0.33} V ₂ O ₅ ·1.5H ₂ O nanorings/nanorods and Na _{0.33} V ₂ O ₅ ·1.5H ₂ O/RGO composite fabricated by a facile one pot synthesis and its lithium storage behavior. <i>Solid State Ionics</i> , 2012 , 227, 30-38	3.3	28
242	Halloysite clay nanotubes and platinum nanoparticles dispersed in ionic liquid applied in the development of a catecholamine biosensor. <i>Analyst, The</i> , 2012 , 137, 3732-9	5	19
241	Imidazolium-based zwitterionic surfactant: a new amphiphilic Pd nanoparticle stabilizing agent. <i>Langmuir</i> , 2012 , 28, 833-40	4	55
240	Enzymatic synthesis of amoxicillin by penicillin G acylase in the presence of ionic liquids. <i>Green Chemistry</i> , 2012 , 14, 3146	10	28
239	Ta ₂ O ₅ Nanotubes Obtained by Anodization: Effect of Thermal Treatment on the Photocatalytic Activity for Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 14022-14030	3.8	91

238	Copper-Catalyzed Coupling of (E)-Bromostilbene with Phenols/Azole: ESI-MS Detection of Intermediates by Using an Ionically-Tagged Ligand. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1429-1436	5.6	18
237	Formation of Nanoparticles Assisted by Ionic Liquids 2012 , 1		1
236	Ionic liquids as recycling solvents for the synthesis of magnetic nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13558-64	3.6	22
235	Self-organized TiO ₂ nanotube arrays: synthesis by anodization in an ionic liquid and assessment of photocatalytic properties. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 1359-65	9.5	95
234	Charge-tagged N-heterocyclic carbenes. <i>RSC Advances</i> , 2011 , 1, 73	3.7	24
233	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		90
232	Gold nanoparticles in an ionic liquid phase supported in a biopolymeric matrix applied in the development of a rosmarinic acid biosensor. <i>Analyst, The</i> , 2011 , 136, 2495-505	5	27
231	From molten salts to ionic liquids: a "nano" journey. <i>Accounts of Chemical Research</i> , 2011 , 44, 1223-31	24.3	354
230	Synthesis of gold nanoparticles by laser ablation of an Au foil inside and outside ionic liquids. <i>Nanoscale</i> , 2011 , 3, 1240-5	7.7	87
229	Incorporação de líquidos iônicos e nanopartículas metálicas na construção de sensores eletroquímicos. <i>Química Nova</i> , 2011 , 34, 1042-1050	1.6	11
228	From alumina nanopores to nanotubes: dependence on the geometry of anodization system. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 2330-5	1.3	12
227	Cyclopalladated complexes of 4-aryl-2,1,3-benzothiadiazoles: new emitters in solution at room temperature. <i>Dalton Transactions</i> , 2011 , 40, 10535-44	4.3	30
226	Turnover Numbers and Soluble Metal Nanoparticles. <i>ChemCatChem</i> , 2011 , 3, 1413-1418	5.2	97
225	A novel support for laccase immobilization: cellulose acetate modified with ionic liquid and application in biosensor for methyl dopa detection. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3549-54	11.8	76
224	Gold Nanoparticles and Hydrophobic Ionic Liquid Applied on the Development of a Voltammetric Biosensor for Polyphenol Determination. <i>Electroanalysis</i> , 2011 , 23, 1124-1133	3	25
223	Intrinsic mobility of gaseous cationic and anionic aggregates of ionic liquids. <i>ChemPhysChem</i> , 2011 , 12, 1444-7	3.2	13
222	Silica-supported guanidine catalyst for continuous flow biodiesel production. <i>Green Chemistry</i> , 2011 , 13, 3111	10	38
221	On the formation of anisotropic gold nanoparticles by sputtering onto a nitrile functionalised ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13552-7	3.6	51

220	Nanoporous Aluminum Oxide Thin Films on Si Substrate: Structural Changes as a Function of Interfacial Stress. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 7621-7627	3.8	17
219	Sputtering onto Liquids: From Thin Films to Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 16362-16367	3.8	61
218	Ionic liquid-cellulose film for enzyme immobilization. <i>Process Biochemistry</i> , 2011 , 46, 1375-1379	4.8	39
217	Biomonitoring of methomyl pesticide by laccase inhibition on sensor containing platinum nanoparticles in ionic liquid phase supported in montmorillonite. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 331-339	8.5	57
216	Antimicrobial membrane cellulose acetate containing ionic liquid and metal nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 5114-22	1.3	8
215	Growth of TiO ₂ nanotube arrays with simultaneous Au nanoparticles impregnation: photocatalysts for hydrogen production. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1359-1365	1.5	30
214	Biosensors of laccase based on hydrophobic ionic liquids derived from imidazolium cation. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1451-1458	1.5	8
213	Synthesis and enzymatic evaluation of the guanosine analogue 2-amino-6-mercapto-7-methylpurine ribonucleoside (MESG): insights into the phosphorolysis reaction mechanism based on the blueprint transition state: SN1 or S _N 2?. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 151-156	1.5	2
212	Palladacycles in Catalysis 2010 , 319		
211	On the selective detection of duplex deoxyribonucleic acids by 2,1,3-benzothiadiazole fluorophores. <i>Molecular BioSystems</i> , 2010 , 6, 967-75		23
210	Sensor for fisetin based on gold nanoparticles in ionic liquid and binuclear nickel complex immobilized in silica. <i>Analyst, The</i> , 2010 , 135, 1015-22	5	18
209	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, 2601-6	7.7	76
208	Ionic Liquid Surface Composition Controls the Size of Gold Nanoparticles Prepared by Sputtering Deposition. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11764-11768	3.8	122
207	On the structural and surface properties of transition-metal nanoparticles in ionic liquids. <i>Chemical Society Reviews</i> , 2010 , 39, 1780-804	58.5	669
206	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, 6826-33	3.6	77
205	Tandem isomerisation-metathesis catalytic processes of linear olefins in ionic liquid biphasic system. <i>Chemical Communications</i> , 2010 , 46, 9058-60	5.8	35
204	Synthesis of gold nanoparticles in a biocompatible fluid from sputtering deposition onto castor oil. <i>Chemical Communications</i> , 2010 , 46, 7019-21	5.8	73
203	Carbon-carbon cross coupling reactions in ionic liquids catalysed by palladium metal nanoparticles. <i>Molecules</i> , 2010 , 15, 3441-61	4.8	128

202	Decomposition of Formic Acid Catalyzed by a Phosphine-Free Ruthenium Complex in a Task-Specific Ionic Liquid. <i>ChemCatChem</i> , 2010 , 2, 1265-1270	5.2	45
201	Development of Quercetin Biosensor Through Immobilizing Laccase in a Modified β -Cyclodextrin Matrix Containing Ag Nanoparticles in Ionic Liquid. <i>Electroanalysis</i> , 2010 , 22, 1376-1385	3	22
200	Bioelectroanalytical Determination of Rutin Based on bi-Enzymatic Sensor Containing Iridium Nanoparticles in Ionic Liquid Phase Supported in Clay. <i>Electroanalysis</i> , 2010 , 23, n/a-n/a	3	2
199	The use of Differential Scanning Calorimetry (DSC) to characterize phase diagrams of ionic mixtures of 1-n-butyl-3-methylimidazolium chloride and niobium chloride or zinc chloride. <i>Thermochimica Acta</i> , 2010 , 502, 20-23	2.9	15
198	Oxidative desulfurization of fuels with task-specific ionic liquids. <i>ChemSusChem</i> , 2009 , 2, 962-4	8.3	67
197	Development of biosensor based on ionic liquid and corn peroxidase immobilized on chemically crosslinked chitin. <i>Sensors and Actuators B: Chemical</i> , 2009 , 138, 236-243	8.5	25
196	Synthesis of silica xerogels with highly distinct morphologies in the presence of imidazolium ionic liquids. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 49, 71-77	2.3	31
195	Tuning the selectivity of ruthenium nanoscale catalysts with functionalised ionic liquids: Hydrogenation of nitriles. <i>Journal of Molecular Catalysis A</i> , 2009 , 313, 74-78		61
194	Biosensor based on platinum nanoparticles dispersed in ionic liquid and laccase for determination of adrenaline. <i>Sensors and Actuators B: Chemical</i> , 2009 , 140, 252-259	8.5	99
193	Multiphase catalytic isomerisation of linoleic acid by transition metal complexes in ionic liquids. <i>Applied Catalysis A: General</i> , 2009 , 371, 114-120	5.1	18
192	Probing the chemical interaction between iridium nanoparticles and ionic liquid by XPS analysis. <i>Chemical Physics Letters</i> , 2009 , 479, 113-116	2.5	63
191	Development of biosensors containing laccase and imidazolium bis(trifluoromethylsulfonyl)imide ionic liquid for the determination of rutin. <i>Analytica Chimica Acta</i> , 2009 , 639, 90-5	6.6	42
190	Imidazolium ionic liquids as electrolytes for manganese dioxide free Leclanché batteries. <i>Applied Energy</i> , 2009 , 86, 1512-1516	10.7	25
189	On the Immobilization of Ruthenium Metathesis Catalysts in Imidazolium Ionic Liquids. <i>Organometallics</i> , 2009 , 28, 4527-4533	3.8	22
188	Biosensor for luteolin based on silver or gold nanoparticles in ionic liquid and laccase immobilized in chitosan modified with cyanuric chloride. <i>Analyst, The</i> , 2009 , 134, 2320-8	5	73
187	Biosensor based on laccase and an ionic liquid for determination of rosmarinic acid in plant extracts. <i>Talanta</i> , 2009 , 77, 1322-7	6.2	67
186	Biosensor for chlorogenic acid based on an ionic liquid containing iridium nanoparticles and polyphenol oxidase. <i>Talanta</i> , 2009 , 79, 222-8	6.2	57
185	Steady-state kinetics of indole-3-glycerol phosphate synthase from <i>Mycobacterium tuberculosis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2009 , 486, 19-26	4.1	17

184	Monitoring Atomic Rearrangement in Pt _x Pd _{1-x} (x = 1, 0.7, or 0.5) Nanoparticles Driven by Reduction and Sulfidation Processes. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 3909-3916	3.8	35
183	Electrochemical methodology for determination of imidazolium ionic liquids (solids at room temperature) properties: influence of the temperature. <i>New Journal of Chemistry</i> , 2009 , 33, 82-87	3.6	6
182	Catalytic production of biodiesel and diesel-like hydrocarbons from triglycerides. <i>Energy and Environmental Science</i> , 2009 , 2, 1258	35.4	71
181	Metal nanoparticle/ionic liquid/cellulose: new catalytically active membrane materials for hydrogenation reactions. <i>Biomacromolecules</i> , 2009 , 10, 1888-93	6.9	46
180	Application of Chiral Ionic Liquids for Asymmetric Induction in Catalysis. <i>Current Organic Chemistry</i> , 2009 , 13, 1259-1277	1.7	44
179	Ionophilic phosphines: versatile ligands for ionic liquid biphasic catalysis. <i>Organic Letters</i> , 2008 , 10, 237-402	40.2	85
178	Surface-Enhanced Vibrational Spectroscopy of Tetrafluoroborate 1-n-Butyl-3-methylimidazolium (BMIBF ₄) Ionic Liquid on Silver Surfaces. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19670-19675	3.8	47
177	Catalytic asymmetric epoxidation of limonene using manganese Schiff-base complexes immobilized in ionic liquids. <i>Catalysis Communications</i> , 2008 , 9, 135-139	3.2	34
176	Imidazolium ionic liquid/water mixtures: The formation of a new species that inhibits the electrocatalytic charge transfer processes on a platinum surface. <i>Catalysis Communications</i> , 2008 , 9, 971-975	3.2	15
175	Alkene Hydroformylation Catalyzed by Rhodium Complexes in Ionic Liquids: Detection of Transient Carbene Species. <i>Organometallics</i> , 2008 , 27, 4439-4442	3.8	41
174	Nanoscale Ru(0) particles: arene hydrogenation catalysts in imidazolium ionic liquids. <i>Inorganic Chemistry</i> , 2008 , 47, 8995-9001	5.1	120
173	Nonlocal optical nonlinearity of ionic liquids. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 155102	1.8	36
172	Preparation, cation-anion interactions and physicochemical properties of ether-functionalized imidazolium ionic liquids. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19, 426-433	1.5	67
171	Pronounced ionic liquid effect in the synthesis of biologically active isatin-3-oxime derivatives under acid catalysis. <i>Tetrahedron Letters</i> , 2008 , 49, 5639-5641	2	55
170	Catalytic gas-to-liquid processing using cobalt nanoparticles dispersed in imidazolium ionic liquids. <i>ChemSusChem</i> , 2008 , 1, 291-4	8.3	73
169	Ionic liquid supported acid/base-catalyzed production of biodiesel. <i>ChemSusChem</i> , 2008 , 1, 759-62	8.3	78
168	Multiply charged (di-)radicals. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 151-4	16.4	21
167	Cobalt nanocubes in ionic liquids: synthesis and properties. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9075-8	16.4	100

166	Supported Ionic Liquid Enzymatic Catalysis for the Production of Biodiesel. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 160-164	5.6	105
165	Multiply Charged (Di-)Radicals. <i>Angewandte Chemie</i> , 2008 , 120, 157-160	3.6	4
164	Cobalt Nanocubes in Ionic Liquids: Synthesis and Properties. <i>Angewandte Chemie</i> , 2008 , 120, 9215-9218	3.6	16
163	The catalytic mechanism of indole-3-glycerol phosphate synthase (IGPS) investigated by electrospray ionization (tandem) mass spectrometry. <i>Tetrahedron Letters</i> , 2008 , 49, 5914-5917	2	6
162	Hydrogen Reduction of Adams Catalyst in Ionic Liquids: Formation and Stabilization of Pt(0) Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16463-16469	3.8	37
161	On the involvement of NHC carbenes in catalytic reactions by iridium complexes, nanoparticle and bulk metal dispersed in imidazolium ionic liquids. <i>Dalton Transactions</i> , 2007 , 5554-60	4.3	88
160	Remarkable acceleration on the transesterification reaction of 2-hydroxypropyl-p-nitrophenyl phosphate by ionic liquids. <i>Catalysis Communications</i> , 2007 , 8, 1383-1385	3.2	5
159	Hydrogen-Storage Materials Based on Imidazolium Ionic Liquids. <i>Energy & Fuels</i> , 2007 , 21, 1695-1698	4.1	56
158	New sensitive fluorophores for selective DNA detection. <i>Organic Letters</i> , 2007 , 9, 4001-4	6.2	59
157	Catalytic applications of metal nanoparticles in imidazolium ionic liquids. <i>Chemistry - A European Journal</i> , 2007 , 13, 32-9	4.8	381
156	Structural and magnetic characterization of Ni nanoparticles synthesized in ionic liquids. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007 , 156-158, 195-199	1.7	31
155	In situ studies of nanoparticles under reaction with sulfur by XAS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007 , 156-158, 186-190	1.7	14
154	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, 189-95	9.3	140
153	1-n-Butyl-3-methylimidazolium tetrachloro-indate (BMI ⁺ InCl ₄ BMI ⁻ InCl ₄) as a media for the synthesis of biodiesel from vegetable oils. <i>Journal of Catalysis</i> , 2007 , 249, 154-161	7.3	90
152	The electrochemical properties of a platinum electrode in functionalized room temperature imidazolium ionic liquids. <i>Journal of Solid State Electrochemistry</i> , 2007 , 11, 1481-1487	2.6	18
151	Structural aspects of transition-metal nanoparticles in imidazolium ionic liquids. <i>International Journal of Nanotechnology</i> , 2007 , 4, 541	1.5	57
150	On the Extraction of Aromatic Compounds from Hydrocarbons by Imidazolium Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2007 , 8, 593-605	6.3	123
149	Organometallic Chemistry in Ionic Liquids 2007 , 847-882		

148	Ether-Functionalized Imidazolium Hexafluorophosphate Ionic Liquids for Improved Water Miscibilities. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 7389-7392	3.9	46
147	Synthesis and characterization of nickel nanoparticles dispersed in imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 4814-21	3.6	164
146	Supported ionic liquid phase rhodium nanoparticle hydrogenation catalysts. <i>Dalton Transactions</i> , 2007 , 5549-53	4.3	62
145	Organometallic pincer-type complexes: recent applications in synthesis and catalysis 2007 , 1-24		5
144	On the species involved in the vaporization of imidazolium ionic liquids in a steam-distillation-like process. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7251-4	16.4	81
143	Are Molecular 5,8-Extended Quinoxaline Derivatives Good Chromophores for Photoluminescence Applications?. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4924-4933	3.2	96
142	On the Species Involved in the Vaporization of Imidazolium Ionic Liquids in a Steam-Distillation-Like Process. <i>Angewandte Chemie</i> , 2006 , 118, 7409-7412	3.6	19
141	A Simple and Practical Method for the Preparation and Purity Determination of Halide-Free Imidazolium Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 243-248	5.6	235
140	A Simple and Efficient Copper-Free Catalytic System Based on a Palladacycle for the Arylation of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 133-141	5.6	57
139	Synthesis and characterization of Pt ⁰ nanoparticles in imidazolium ionic liquids. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 13011-20	3.4	206
138	Fluid Extraction 2006 , 207-249		1
137	Aerobic, catalytic oxidation of alcohols in ionic liquids. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 48-52	1.5	17
136	The role of ionic liquids in co-catalysis of Baylis-Hillman reaction: interception of supramolecular species via electrospray ionization mass spectrometry. <i>Journal of Physical Organic Chemistry</i> , 2006 , 19, 731-736	2.1	65
135	A mixed NCP pincer palladacycle as catalyst precursor for the coupling of aryl halides with aryl boronic acids. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1947-1954	2.7	43
134	Synthesis and characterization of catalytic iridium nanoparticles in imidazolium ionic liquids. <i>Journal of Colloid and Interface Science</i> , 2006 , 301, 193-204	9.3	188
133	Statistical design of experiments as a tool for optimizing the batch conditions to Cr(VI) biosorption on Araucaria angustifolia wastes. <i>Journal of Hazardous Materials</i> , 2006 , 133, 143-53	12.8	94
132	On the kinetics of iridium nanoparticles formation in ionic liquids and olefin hydrogenation. <i>Journal of Molecular Catalysis A</i> , 2006 , 248, 10-16		63
131	Rh(0) nanoparticles as catalyst precursors for the solventless hydroformylation of olefins. <i>Journal of Molecular Catalysis A</i> , 2006 , 252, 212-218		99

130	Addition of activated olefins to cyclic N-acyliminium ions in ionic liquids. <i>Tetrahedron Letters</i> , 2006 , 47, 1669-1672	2	25
129	Intermolecular hydroamination and hydroarylation reactions of alkenes in ionic liquids. <i>Tetrahedron Letters</i> , 2006 , 47, 6775-6779	2	57
128	Physico-chemical processes in imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 2441-52	3.6	369
127	Laser-induced fragmentation of transition metal nanoparticles in ionic liquids. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4588-9	16.4	128
126	The role of Pd nanoparticles in ionic liquid in the Heck reaction. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3298-9	16.4	355
125	Kinetics and mechanistic aspects of the Heck reaction promoted by a CN-palladacycle. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12054-65	16.4	152
124	Synthesis and Evaluation of 5-Phenyl-1H-1,4-benzodiazepin-2(3H)-one-Based Palladium Complexes as Precatalysts in C-C Bond Forming Reactions. <i>Organometallics</i> , 2005 , 24, 5665-5672	3.8	37
123	Factorial design for optimization of flow-injection preconcentration procedure for copper(II) determination in natural waters, using 2-aminomethylpyridine grafted silica gel as adsorbent and spectrophotometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 475-481	1.8	43
122	Reductive sulfur extrusion reaction of 2,1,3-benzothiadiazole compounds: a new methodology using NaBH ₄ /CoCl ₂ ·6H ₂ O(cat) as the reducing system. <i>Tetrahedron Letters</i> , 2005 , 46, 6843-6846	2	59
121	Photophysical and electrochemical properties of extended molecular 2,1,3-benzothiadiazoles. <i>Tetrahedron</i> , 2005 , 61, 10975-10982	2.4	190
120	The potential of palladacycles: more than just precatalysts. <i>Chemical Reviews</i> , 2005 , 105, 2527-71	68.1	1171
119	Identification of 1,3-dialkylimidazolium salt supramolecular aggregates in solution. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 4341-9	3.4	277
118	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	5.6	164
117	Competitive Hydrogenation of Alkyl-Substituted Arenes by Transition-Metal Nanoparticles: Correlation with the Alkyl-Steric Effect. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 847-853	5.6	63
116	The Solid, Liquid and Solution Structural Organization of Imidazolium Ionic Liquids. <i>ChemInform</i> , 2005 , 36, no		2
115	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	1.5	55
114	Organoindate Room Temperature Ionic Liquid: Synthesis, Physicochemical Properties and Application. <i>Synthesis</i> , 2004 , 2004, 1155-1158	2.9	12
113	Iridium Nanoparticles Prepared in Ionic Liquids: An Efficient Catalytic System for the Hydrogenation of Ketones. <i>Synlett</i> , 2004 , 2004, 1525-1528	2.2	6

112	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	2.8	62
111	On the noninnocent nature of 1,3-dialkylimidazolium ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5296-7	16.4	241
110	On the Use of Non-Symmetrical Mixed PCN and SCN Pincer Palladacycles as Catalyst Precursors for the Heck Reaction. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 617-624	5.6	71
109	1,3-Dialkylimidazoliumsalze: Ionische Flüssigkeiten, aber keine Unschuldigen Solventien. <i>Angewandte Chemie</i> , 2004 , 116, 5408-5409	3.6	42
108	Molecular Library Obtained by Allene Insertion into the Pd π Bond of Cyclopalladated Complexes: Biological and Pharmacological Evaluation. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1724-1731	3.2	20
107	Gaseous supramolecules of imidazolium ionic liquids: "magic" numbers and intrinsic strengths of hydrogen bonds. <i>Chemistry - A European Journal</i> , 2004 , 10, 6187-93	4.8	225
106	The partial hydrogenation of benzene to cyclohexene by nanoscale ruthenium catalysts in imidazolium ionic liquids. <i>Chemistry - A European Journal</i> , 2004 , 10, 3734-40	4.8	218
105	On the identification of ionic species of neutral halogen dimers, monomers and pincer type palladacycles in solution by electrospray mass and tandem mass spectrometry. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2349-2357	2.7	25
104	Stereoselective conjugate addition reactions of lithium amides to π -unsaturated chiral iron acyl complexes [(η -C ₅ H ₅)Fe(CO)(PPh ₃)(COCHCHR)]. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 4184-4209	2.3	15
103	Microwave activation in ionic liquids induces high temperature-high speed electrochemical processes. <i>Chemical Communications</i> , 2004 , 2816-7	5.8	7
102	A new totally flat N(sp ²))C(sp ²))N(sp ²)) pincer palladacycle: synthesis and photoluminescent properties. <i>Inorganic Chemistry</i> , 2004 , 43, 530-6	5.1	48
101	On the solid, liquid and solution structural organization of imidazolium ionic liquids. <i>Journal of the Brazilian Chemical Society</i> , 2004 , 15, 341-350	1.5	712
100	Ionic Liquid (Molten Salt) Phase Organometallic Catalysis. <i>ChemInform</i> , 2003 , 34, no		3
99	The use of imidazolium ionic liquids for the formation and stabilization of ir ⁰ and rh ⁰ nanoparticles: efficient catalysts for the hydrogenation of arenes. <i>Chemistry - A European Journal</i> , 2003 , 9, 3263-9	4.8	370
98	Atropisomerism in palladacycles derived from the chloropalladation of heterosubstituted alkynes. <i>Inorganica Chimica Acta</i> , 2003 , 350, 527-536	2.7	28
97	The retro-chloropalladation reaction of heterosubstituted alkynes. <i>Polyhedron</i> , 2003 , 22, 1665-1671	2.7	15
96	Room temperature dialkylimidazolium ionic liquid-based fuel cells. <i>Electrochemistry Communications</i> , 2003 , 5, 728-731	5.1	295
95	Metallocene catalyst supported on chemically modified silica for production of ethylene-propylene copolymers. <i>Journal of Molecular Catalysis A</i> , 2003 , 197, 223-232		17

94	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, 4738-42	5.1	313
93	Chloropalladated propargyl amine: a highly efficient phosphine-free catalyst precursor for the Heck reaction. <i>Organic Letters</i> , 2003 , 5, 983-6	6.2	122
92	High pressure infrared and nuclear magnetic resonance studies of the rhodium-sulfoxantphos catalysed hydroformylation of 1-octene in ionic liquids. <i>New Journal of Chemistry</i> , 2003 , 27, 1294	3.6	54
91	Selective hydrogenation of 1,3-butadiene by transition metal compounds immobilized in 1-butyl-3-methyl imidazolium room temperature ionic liquids. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 401-405	1.5	15
90	Electrochemical Behavior of Vitreous Glass Carbon and Platinum Electrodes in the Ionic Liquid 1-n-Butyl-3-Methylimidazolium Trifluoroacetate. <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13, 106-109	1.5	58
89	Alternative Synthesis of a Dialkylimidazolium Tetrafluoroborate Ionic Liquid Mixture and its Use in Poly(acrylonitrile-butadiene) Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2002 , 344, 153	5.6	40
88	Synthesis and structure of a new heteronuclear (16-arene) tricarbonylchromium compound incorporating propargyl amine unit. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 192-195	3.1	
87	Homocoupling of aryl iodides and bromides promoted by sulfur-containing palladacycles. <i>Tetrahedron Letters</i> , 2002 , 43, 2327-2329	2	27
86	A chiral spiro-oxime ligand and its organopalladium(II) coordination chemistry. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 552-554	3.1	7
85	Ionic liquid (molten salt) phase organometallic catalysis. <i>Chemical Reviews</i> , 2002 , 102, 3667-92	68.1	3388
84	Transition-metal nanoparticles in imidazolium ionic liquids: recyclable catalysts for biphasic hydrogenation reactions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4228-9	16.4	707
83	The trans-Chlorometalation of Hetero-Substituted Alkynes: A Facile Entry to Unsymmetrical Palladium η^2 -Alkyne π -Complexes. <i>Organometallics</i> , 2002 , 21, 3221-3227	3.8	40
82	Biphasic telomerization of 1,3-butadiene with HNEt ₂ catalyzed by palladium/sulphonated phosphine complexes. <i>Catalysis Communications</i> , 2002 , 3, 377-380	3.2	13
81	Ionic liquid-phase asymmetric catalytic hydrogenation: hydrogen concentration effects on enantioselectivity. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 1825-1828		118
80	Liquid-liquid two-phase cyclodimerization of 1,3-dienes by iron-nitrosyl dissolved in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2001 , 169, 11-17		23
79	Effects of Al/Zr ratio on ethylene-propylene copolymerization with supported-zirconocene catalysts. <i>Journal of Molecular Catalysis A</i> , 2001 , 169, 275-287		40
78	Palladacycles - An Old Organometallic Family Revisited: New, Simple, and Efficient Catalyst Precursors for Homogeneous Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1917-1927	2.3	397
77	Organo-zincate molten salts as immobilising agents for organometallic catalysis. <i>Catalysis Letters</i> , 2001 , 73, 211-213	2.8	27

76	Mobile Phase Effects in Rh/Sulfonated Phosphine/Molten Salts Catalysed the Biphasic Hydroformylation of Heavy Olefins. <i>Catalysis Letters</i> , 2001 , 77, 131-133	2.8	67
75	A palladium complex containing a new C2-symmetric bidentate non-racemic oxalamidine ligand: synthesis and catalytic properties. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 471-474	3.1	17
74	NiCl ₂ (PCy ₃) ₂ : a simple and efficient catalyst precursor for the Suzuki cross-coupling of aryl tosylates and arylboronic acids. <i>Organic Letters</i> , 2001 , 3, 3049-51	6.2	262
73	Heterometallic metal carbonyl compounds derived from (16-arene)tricarbonylchromium bearing propargyl units. <i>Dalton Transactions RSC</i> , 2001 , 1634-1638		4
72	Synthesis and Catalytic Properties of Configurationally Stable and Non-racemic Sulfur-Containing Palladacycles. <i>Organometallics</i> , 2001 , 20, 171-176	3.8	48
71	Líquidos iônicos contendo o ânion dialquilimidazólio: estrutura, propriedades físico-químicas e comportamento em solução. <i>Quimica Nova</i> , 2001 , 24, 830-837	1.6	22
70	Dynamic simulation and experimental evaluation of EPDM synthesis with ET(IND)ZrCl ₂ /MAO catalyst system. <i>Journal of Applied Polymer Science</i> , 2000 , 76, 425-438	2.9	7
69	C-H-π interactions in 1-n-butyl-3-methylimidazolium tetraphenylborate molten salt: solid and solution structures. <i>Chemistry - A European Journal</i> , 2000 , 6, 2377-81	4.8	238
68	Organosilicon-modified silicas as support for zirconocene catalyst. <i>Journal of Molecular Catalysis A</i> , 2000 , 154, 103-113		52
67	Pd(II)-dissolved in ionic liquids: a recyclable catalytic system for the selective biphasic hydrogenation of dienes to monoenes. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 293-297	1.5	39
66	Economia de átomos, engenharia molecular e catálise organometálica bi-fásica: conceitos moleculares para tecnologias limpas. <i>Quimica Nova</i> , 2000 , 23, 825-831	1.6	4
65	Sulfur-containing palladacycles as catalyst precursors for the Heck reaction. <i>Organic Letters</i> , 2000 , 2, 1287-90	6.2	184
64	Sulfur-containing palladacycles: efficient phosphine-free catalyst precursors for the Suzuki cross-coupling reaction at room temperature. <i>Organic Letters</i> , 2000 , 2, 2881-4	6.2	190
63	Hydro-ruthenation of Propargyl Amines Promoted by the 16-Electron Complex RuHCl(CO)(P ⁱ Pr) ₃ . <i>Journal of Coordination Chemistry</i> , 2000 , 51, 1-8	1.6	
62	Water-induced accelerated ion diffusion: voltammetric studies in 1-methyl-3-[2,6-(S)-dimethylocten-2-yl]imidazolium tetrafluoroborate, 1-butyl-3-methylimidazolium tetrafluoroborate and hexafluorophosphate ionic liquids. <i>New Journal of Chemistry</i> , 2000 , 24, 1009-1015	3.6	474
61	Room temperature molten salts: neoteric "green" solvents for chemical reactions and processes. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11,	1.5	41
60	C-H-π Interactions in 1-n-Butyl-3-methylimidazolium Tetraphenylborate Molten Salt: Solid and Solution Structures 2000 , 6, 2377		2
59	Residual metal content in Ethylene-Propylene-Diene Monomers synthesized using vanadium- and zirconocene-based catalysts. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 1997-2003	2.9	15

58	Effects of ethylene polymerization conditions on the activity of SiO ₂ -supported zirconocene and on polymer properties. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 1987-1996	2.5	29
57	Optimization of a silica supported bis(butylcyclopentadienyl)-zirconium dichloride catalyst for ethylene polymerization. <i>Macromolecular Chemistry and Physics</i> , 1999 , 200, 751-757	2.6	31
56	Synthesis of Configurationally Stable, Optically Active Organocobalt Compounds. <i>Organometallics</i> , 1999 , 18, 5560-5570	3.8	20
55	Synthesis and Reactivity of (16-arene)tricarbonylchromium Compounds Incorporating Propargylamine Units. X-ray Crystal Structures of YCH ₂ C≡CPh[Cr(CO) ₃] (Y = NMe ₂ , N(Me)(CH ₂ Ph)) and {Pd-trans-C[(Ph)Cr(CO) ₃]C(Cl)CH ₂ NMe ₂ (Cl)(Py)}. <i>Organometallics</i> , 1999 , 18, 3898-3903	3.8	8
54	Regioselective synthesis of 2-arylpropionic esters by palladium-catalyzed hydroesterification of styrene derivatives in molten salt media. <i>Tetrahedron Letters</i> , 1998 , 39, 7071-7074	2	64
53	Two-phase catalytic NBR hydrogenation by RuHCl(CO)(PCy ₃) ₂ immobilized in 1-butyl-3-methylimidazolium tetrafluoroborate molten salt. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 409-411	4.8	32
52	Synthesis and characterization of EPDM films. <i>Journal of Applied Polymer Science</i> , 1998 , 68, 535-541	2.9	4
51	Dynamic simulation and experimental evaluation of EPDM terpolymerization with vanadium-based catalyst. <i>Journal of Applied Polymer Science</i> , 1998 , 70, 1173-1189	2.9	9
50	Selective linear dimerization of 1,3-butadiene by palladium compounds immobilized into 1-n-butyl-3-methyl imidazolium ionic liquids. <i>Polymer Bulletin</i> , 1998 , 40, 401-405	2.4	44
49	Two-phase n-butenes dimerization by nickel complexes in molten salt media. <i>Applied Catalysis A: General</i> , 1998 , 175, 215-220	5.1	43
48	A concise synthesis of (S)-(+)-5,6-dihydro-pyran-2-one via hydrozirconation-carbonylation-demetalation of O-benzyl (S)-1-pentyn-2-ol. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 949-954		12
47	Synthesis and physical-chemical properties of ionic liquids based on 1-n-butyl-3-methylimidazolium cation. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998 , 95, 1626-1639		339
46	Selective Catalytic Hydrodimerization of 1,3-Butadiene by Palladium Compounds Dissolved in Ionic Liquids. <i>Organometallics</i> , 1998 , 17, 815-819	3.8	261
45	The trans-Chloropalladation Reaction of Propargyl Amines and Thioethers. X-ray Crystal Structure of trans-[Pd-trans-C(Ph)C(Cl)CH(Me)S(i-Pr)(Cl)(Py)]. <i>Organometallics</i> , 1997 , 16, 2386-2391	3.8	44
44	Influência da estrutura do catalisador a base de Zirconoceno na estereorregularidade e propriedades do polipropileno formado. <i>Polimeros</i> , 1997 , 7, 30-36	1.6	
43	Asymmetric hydrogenation of 2-arylacrylic acids catalyzed by immobilized Ru-BINAP complex in 1-n-butyl-3-methylimidazolium tetrafluoroborate molten salt. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 177-179		156
42	Silica supported zirconocenes and Al-based cocatalysts: surface metal loading and catalytic activity. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 3529-3537	2.6	45
41	Enlarged electrochemical window in dialkyl-imidazolium cation based room-temperature air and water-stable molten salts. <i>Electrochimica Acta</i> , 1997 , 42, 2533-2535	6.7	211

40	Two-phase catalytic hydrogenation of olefins by Ru(II) and Co(II) complexes dissolved in 1-n-butyl-3-methylimidazolium tetrafluoroborate ionic liquid. <i>Inorganica Chimica Acta</i> , 1997 , 255, 207-209	3.7	83
39	SYNTHESIS, CHARACTERIZATION AND REACTIVITY OF NOVEL COORDINATION COMPOUNDS OF Pd(II) AND Pt(II) WITH PHENYL-2-PYRIDINYL ACETYLENE X-RAY STRUCTURE OF trans-{Pt[(O-NC5H4)C≡C(Ph)]Cl2(SET2)}. <i>Journal of Coordination Chemistry</i> , 1996 , 40, 35-44	1.6	5
38	Synthesis of 3-aryl-1-butenes by the nickel catalyzed hydrovinylation of styrene derivatives. <i>Tetrahedron Letters</i> , 1996 , 37, 1157-1160	2	26
37	Cationic cyclopalladated complexes: new catalyst precursors for the telomerization of butadiene with alcohols. <i>Journal of Molecular Catalysis A</i> , 1996 , 109, 127-131		35
36	The use of new ionic liquids in two-phase catalytic hydrogenation reaction by rhodium complexes. <i>Polyhedron</i> , 1996 , 15, 1217-1219	2.7	602
35	Chloropalladation of propargyl thioethers: A facile synthesis of cyclopalladated compounds. <i>Polyhedron</i> , 1996 , 15, 2299-2302	2.7	21
34	Selective two-phase catalytic ethylene dimerization by Ni(II) complexes/AlEtCl ₂ dissolved in organoaluminates ionic liquids. <i>Polyhedron</i> , 1996 , 15, 3257-3259	2.7	76
33	Methoxy-palladation of allylamines: a facile synthesis of chiral cyclopalladated compounds. X-ray crystal structure of trans-[Pd(CH ₂ CH(OMe)CH(Me)NMe ₂)(Cl)(Py)]. <i>Polyhedron</i> , 1996 , 15, 3465-3468	2.7	14
32	Telomerization of Isoprene and Methanol Assisted by Palladium-Chiral Phosphine and/or -Chiral Amine Complexes. <i>Journal of the Brazilian Chemical Society</i> , 1996 , 7, 15-18	1.5	14
31	Correlation between configuration/conformation of zirconocenes on the stereoselectivity of the propylene polymerization reaction. <i>Polymer Bulletin</i> , 1995 , 35, 431-434	2.4	7
30	Copolymerization of ethylene with 1-hexene and 1-octene: correlation between type of catalyst and comonomer incorporated. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 3991-4000	2.6	123
29	The influence of the transition metal and the heteroatomic-bridge on the action of metallocene/methyl aluminoxane catalysts in ethylene polymerization and on the properties of the polymer. <i>Macromolecular Rapid Communications</i> , 1995 , 16, 357-362	4.8	23
28	Cis and trans nucleophilic additions on C≡C bonds assisted by Pt(II) complexes. X-ray crystal structure of trans-{Pt[cis-(o-NC ₅ H ₄)CH≡C(Ph)(NEt ₂)]Cl ₂ (HNEt ₂)}. <i>Polyhedron</i> , 1994 , 13, 2583-2587	2.7	12
27	Nucleophilic additions to palladium(II)-activated C≡C bonds: Synthesis of cyclopalladated 8-substituted quinoline derivatives. <i>Journal of Organometallic Chemistry</i> , 1994 , 484, c8-c9	2.3	12
26	Assignment of the absolute configuration to winterstein's acid, R-3-dimethylamino-3-phenyl propionic acid, by the asymmetric synthesis of homochiral (S)-(+)-ethyl 3-dimethylamino-3-phenyl propionate. <i>Tetrahedron: Asymmetry</i> , 1990 , 1, 279-280		17
25	Reactions of cyclopalladated compounds. Part 24. Reactivity of the Pd(II) bond of cyclopalladated compounds towards isocyanides and carbon monoxide. Role of the donor group. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 3193-3198		50
24	Reactivity of cyclopalladated compounds. 20. Isolation of a bis(eta-4-arene)dipalladium(I) complex during the annelation of palladated aryl groups with diphenylacetylene. <i>Organometallics</i> , 1989 , 8, 1116-1118	3.8	57
23	Reactions of cyclopalladated compounds. Part 21. Various examples of sulphur-assisted intramolecular palladation of aryl and alkyl groups. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989 , 1715		96

22	Reactivity of cyclopalladated compounds. Part 18. Compared reactivity of the Pd-C bonds of two closely related six-membered palladacyclic rings with substituted alkynes. X-Ray and molecular structures of $[Pd\{C(Ph)C(R)C(Ph)C(R)(o-C_6H_4NCMeNHPH)\}Cl]$ (R = CO ₂ Et) and $[Pd\{C(Ph)C(CO_2Me)C(Ph)C(Ph)C(R)(o-C_6H_4NCMeNHPH)\}Cl]$ (R = CO ₂ Me). <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, 1389-1397	61
21	Reactivity of cyclopalladated compounds. Part 17. Influence of the donor atom in metallacyclic rings on the insertion of tert-butyl isocyanide and carbon monoxide into their palladium-carbon bonds. X-ray molecular structure of cyclo- $[Pd(\eta^5-C_5H_4NCMe)(Cl)]Cl(P-CO_2Me)$. <i>Journal of Organometallic Chemistry</i> , 1987, 6, 899-901	3.8 56
20	One-pot synthesis of heterocyclic compounds through insertion of alkynes into the Pd-C bond of activated cyclopalladated benzyl methyl sulphide. <i>Journal of Organometallic Chemistry</i> , 1987, 321, C13-C16	3.3 33
19	Oxidative Addition and Transmetalation	35-67 2
18	Catalytic Carbonylations in Ionic Liquids	135-159 1
17	Catalytic Properties of Soluble Iridium Nanoparticles	369-389
16	C-H Bond Activation	13-33 3
15	Palladacycles on Dendrimers and Star-Shaped Molecules	361-398 2
14	The Pd-C Building Block of Palladacycles: A Cornerstone for Stoichiometric C-C and C-X Bond Assemblage	87-108
13	Palladacyclic Pre-Catalysts for Suzuki Coupling, Buchwald-Hartwig Amination and Related Reactions	209-225 7
12	Thermomorphic Fluorous Palladacycles	341-359 1
11	Synthesis via Other Synthetic Solutions	69-85 0
10	C-H Activations via Palladacycles	109-121
9	Cyclopalladated Compounds as Resolving Agents for Racemic Mixtures of Ligands	123-153 3
8	Other Uses of Palladacycles in Synthesis	227-238 2
7	Liquid Crystalline Ortho-Palladated Complexes	239-283 5
6	Photophysical Properties of Cyclopalladated Compounds	285-305 2
5	Cyclopalladated Compounds as Enzyme Prototypes and Anticancer Drugs	307-339 3

4	Application of Cyclopalladated Compounds as Catalysts for Heck and Sonogashira Reactions	155-207	5
3	Transition-metal Nanoparticle Catalysis in Imidazolium Ionic Liquids	195-218	
2	Effect of Support Nature on Ruthenium-Catalyzed Allylic Oxidation of Cycloalkenes. <i>Catalysis Letters</i> ,1		2.8
1	Preparation of 1-Butyl-3-Methyl Imidazolium-Based Room Temperature Ionic Liquid	sp. 236-p. 236	35