

Montserrat Gmez

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5,231
ext. citations

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L-index

#	Paper	IF	Citations
137	A case for enantioselective allylic alkylation catalyzed by palladium nanoparticles. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1592-3	16.4	274
136	Coordination chemistry of oxazoline ligands. <i>Coordination Chemistry Reviews</i> , 1999 , 193-195, 769-835	23.2	191
135	An Overview of Palladium Nanocatalysts: Surface and Molecular Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3577-3586	2.3	178
134	Chiral thioether ligands: coordination chemistry and asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2003 , 242, 159-201	23.2	172
133	Influence of organic ligands on the stabilization of palladium nanoparticles. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 4601-4610	2.3	161
132	Five- and six-membered exo-cyclopalladated compounds of N-benzylideneamines. Synthesis and x-ray crystal structure of [cyclic] [PdBr{p-MeOC ₆ H ₃ (CH ₂) ₂ N:CH(2,6-Cl ₂ C ₆ H ₃)}(PPh ₃)] and [PdBr{C ₆ H ₄ CH ₂ N:CH(2,6-Cl ₂ C ₆ H ₃)}(PEt ₃) ₂]. <i>Organometallics</i> , 1990 , 9, 1405-1413	3.8	142
131	Variable-Temperature and -Pressure Kinetics and Mechanism of the Cyclopalladation Reaction of Imines in Aprotic Solvent. <i>Organometallics</i> , 1997 , 16, 2539-2546	3.8	140
130	Polymetallic complexes linked to a single-frame ligand: cooperative effects in catalysis. <i>Dalton Transactions</i> , 2013 , 42, 10664-81	4.3	116
129	Cyclopalladation of N-mesitylbenzylideneamines. Aromatic versus aliphatic carbon-hydrogen bond activation. <i>Organometallics</i> , 1992 , 11, 1536-1541	3.8	112
128	Synthesis, characterization and catalytic reactivity of ruthenium nanoparticles stabilized by chiral N-donor ligands. <i>New Journal of Chemistry</i> , 2006 , 30, 115-122	3.6	106
127	Ionic liquids as a medium for enantioselective catalysis. <i>Comptes Rendus Chimie</i> , 2007 , 10, 152-177	2.7	98
126	Solution behaviour, kinetics and mechanism of the acid-catalysed cyclopalladation of imines*. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 37-44		97
125	Palladium catalyzed Suzuki C-C couplings in an ionic liquid: nanoparticles responsible for the catalytic activity. <i>Dalton Transactions</i> , 2007 , 5572-81	4.3	89
124	Palladium Nanoparticles in Polyols: Synthesis, Catalytic Couplings, and Hydrogenations. <i>Chemical Reviews</i> , 2020 , 120, 1146-1183	68.1	79
123	A new and specific mode of stabilization of metallic nanoparticles. <i>Chemical Communications</i> , 2008 , 3296-58		75
122	Palladium nanoparticles immobilized in ionic liquid: An outstanding catalyst for the Suzuki C-C coupling. <i>Catalysis Communications</i> , 2008 , 9, 273-275	3.2	75
121	Modular bis(oxazoline) ligands for palladium catalyzed allylic alkylation: unprecedented conformational behaviour of a bis(oxazoline) palladium eta ³ -1,3-diphenylallyl complex. <i>Chemistry - A European Journal</i> , 2002 , 8, 4164-78	4.8	74

120	Palladium Nanoparticles Applied in Organic Synthesis as Catalytic Precursors. <i>Current Organic Chemistry</i> , 2011 , 15, 3127-3174	1.7	72
119	Structural Studies of Mono- and Dimetallic MoVI Complexes A New Mechanistic Contribution in Catalytic Olefin Epoxidation Provided by Oxazoline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4278-4285	2.3	71
118	Supported ionic liquid phase catalysis on functionalized carbon nanotubes. <i>Chemical Communications</i> , 2008 , 4201-3	5.8	68
117	Metal and Metal Oxide Nanoparticles: A Lever for CBI Functionalization. <i>ACS Catalysis</i> , 2016 , 6, 3537-3552	3.1	67
116	Palladium Catalytic Species Containing Chiral Phosphites: Towards a Discrimination between Molecular and Colloidal Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2459-2469	5.6	66
115	Stoichiometric model reactions in olefin hydroformylation by platinum-tin systems. <i>Organometallics</i> , 1991 , 10, 4036-4045	3.8	62
114	Supported Ionic Liquid Phase Containing Palladium Nanoparticles on Functionalized Multiwalled Carbon Nanotubes: Catalytic Materials for Sequential Heck Coupling/Hydrogenation Process. <i>ChemCatChem</i> , 2011 , 3, 749-754	5.2	59
113	Palladium Nanoparticles in Allylic Alkylations and Heck Reactions: The Molecular Nature of the Catalyst Studied in a Membrane Reactor. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2583-2598	5.6	55
112	Palladium Nanoparticles in Glycerol: A Versatile Catalytic System for C-X Bond Formation and Hydrogenation Processes. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 3648-3660	5.6	52
111	A new insight into ortho-(dimesitylboryl)diphenylphosphines: applications in Pd-catalyzed Suzuki-Miyaura couplings and evidence for secondary interaction. <i>Chemical Communications</i> , 2011 , 47, 8163-5	5.8	51
110	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1071-1076	2.3	50
109	Diphosphites as a promising new class of ligands in Pd-catalysed asymmetric allylic alkylation. <i>Chemical Communications</i> , 2001 , 1132-1133	5.8	47
108	High catalytic efficiency of palladium nanoparticles immobilized in a polymer membrane containing poly(ionic liquid) in Suzuki-Miyaura cross-coupling reaction. <i>Journal of Membrane Science</i> , 2015 , 492, 331-339	9.6	46
107	Mechanisms of Cyclopalladation Reactions in Acetic Acid: Not So Simple One-Pot Processes. <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 217-224	2.3	45
106	Glycerol as suitable solvent for the synthesis of metallic species and catalysis. <i>Chemistry - A European Journal</i> , 2014 , 20, 10884-93	4.8	43
105	A Single Catalyst for Sequential Reactions: Dual Homogeneous and Heterogeneous Behavior of Palladium Nanoparticles in Solution. <i>ChemCatChem</i> , 2009 , 1, 244-246	5.2	43
104	Synthesis and characterization of nickel(II) complexes of purine and pyrimidine bases. Crystal and molecular structure of trans-bis(cytosine-O2)bis(ethylenediamine)nickel(II) bis(tetraphenylborate). An unusual metal binding mode of cytosine. <i>Inorganic Chemistry</i> , 1990 , 29, 5168-5173	5.1	42
103	Bis(oxazoline) Ligands Containing Four and Five Spacer Atoms: Palladium Complexes and Catalytic Behavior. <i>Organometallics</i> , 2002 , 21, 1077-1087	3.8	41

102	Synthesis of Platinum/Ruthenium Nanoparticles under Supercritical CO ₂ and their Confinement in Carbon Nanotubes: Hydrogenation Applications. <i>ChemCatChem</i> , 2012 , 4, 118-122	5.2	40
101	Palladium nanoparticles in glycerol: a clear-cut catalyst for one-pot multi-step processes applied in the synthesis of heterocyclic compounds. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 312-318	5.2	39
100	Kinetico-mechanistic studies of C-H bond activation on new Pd complexes containing N,NRchelating ligands. <i>Dalton Transactions</i> , 2005 , 123-32	4.3	39
99	Chiral Cationic [Cp*Mo(CO) ₂ (NCMe)] ⁺ Species [Catalyst Precursors for Olefin Epoxidation with H ₂ O ₂ and tert-Butyl Hydroperoxide. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 666-673	2.3	38
98	Imidazolium-based ionic liquids immobilized on solid supports: effect on the structure and thermostability. <i>Dalton Transactions</i> , 2010 , 39, 7565-8	4.3	38
97	Making Copper(0) Nanoparticles in Glycerol: A Straightforward Synthesis for a Multipurpose Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2832-2846	5.6	37
96	Copper(I) Oxide Nanoparticles in Glycerol: A Convenient Catalyst for Cross-Coupling and Azide-Alkyne Cycloaddition Processes. <i>ChemCatChem</i> , 2014 , 6, 2929-2936	5.2	37
95	Novel super-structures resulting from the coordination of chiral oxazolines on platinum nanoparticles. <i>New Journal of Chemistry</i> , 2003 , 27, 114-120	3.6	37
94	Palladium Complexes with Chiral Oxazoline Ligands. Effect of Chelate Size on Catalytic Allylic Substitutions. <i>Organometallics</i> , 2000 , 19, 966-978	3.8	37
93	ortho-(Dimesitylboryl)phenylphosphines: Positive Boryl Effect in the Palladium-Catalyzed Suzuki-Miyaura Coupling of 2-Chloropyridines. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2274-2284	5.6	36
92	Unexpected activation of carbon-bromide bond promoted by palladium nanoparticles in Suzuki C-C couplings. <i>Dalton Transactions</i> , 2010 , 39, 9719-26	4.3	35
91	Cyclopropanation of Cyclohexenone by Diazomethane Catalyzed by Palladium Diacetate: Evidence for the Formation of Palladium(0) Nanoparticles. <i>Organometallics</i> , 2007 , 26, 3306-3314	3.8	34
90	Phosphinooxazolines Derived from 3-Amino-1,2-diols: Highly Efficient Modular P-N Ligands. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2265-2278	5.6	34
89	Exo- and Endocyclic Oxazolinylphosphane Palladium Complexes: Catalytic Behavior in Allylic Alkylation Processes. <i>Organometallics</i> , 2004 , 23, 3197-3209	3.8	34
88	Allylic Alkylations Catalyzed by Palladium Systems Containing Modular Chiral Dithioethers. A Structural Study of the Allylic Intermediates. <i>Organometallics</i> , 2005 , 24, 3946-3956	3.8	33
87	Copper-Catalyzed Coupling of N-Tosylhydrazones with Amines: Synthesis of Fluorene Derivatives. <i>ACS Catalysis</i> , 2014 , 4, 4498-4503	13.1	31
86	Bimetallic Nanoparticles in Alternative Solvents for Catalytic Purposes. <i>Catalysts</i> , 2017 , 7, 207	4	31
85	Ruthenium nanoparticles supported on multi-walled carbon nanotubes: Highly effective catalytic system for hydrogenation processes. <i>Journal of Molecular Catalysis A</i> , 2010 , 332, 106-112		31

84	A smart palladium catalyst in ionic liquid for tandem processes. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13579-84	3.6	30
83	Atropisomeric discrimination in new Ru(II) complexes containing the C(2)-symmetric didentate chiral phenyl-1,2-bisoxazolinic ligand. <i>Chemistry - A European Journal</i> , 2006 , 12, 2798-807	4.8	30
82	Ligand exchange reactions of N-donor ligands in cyclopalladated complexes. <i>Journal of Organometallic Chemistry</i> , 1989 , 361, 391-398	2.3	30
81	Trialkylphosphine-carbon disulfide adducts as eight-electron bridging ligands. X-ray structures of dimanganese complex [Mn ₂ (CO) ₆ (μ-S ₂ CPCy ₃)] and [Mn ₂ (CO) ₄ (μ-S ₂ CPCy ₃)(μ-dppm)]. <i>Organometallics</i> , 1991 , 10, 1683-1692	3.8	29
80	Ruthenium and rhodium nanoparticles as catalytic precursors in supercritical carbon dioxide. <i>Catalysis Today</i> , 2009 , 148, 398-404	5.3	28
79	Dioxomolybdenum(VI) complexes containing chiral oxazolines applied in alkenes epoxidation in ionic liquids: A highly diastereoselective catalyst. <i>Applied Catalysis A: General</i> , 2011 , 398, 88-95	5.1	28
78	An outstanding palladium system containing a C ₂ -symmetrical phosphite ligand for enantioselective allylic substitution processes. <i>Chemical Communications</i> , 2008 , 6197-9	5.8	28
77	Complexes with diimine ligands. Part III. Synthesis, structure and magnetic studies of mixed acetylacetonatecobalt(II) derivatives. <i>Inorganica Chimica Acta</i> , 1991 , 181, 51-60	2.7	28
76	An overview of chiral molybdenum complexes applied in enantioselective catalysis. <i>Catalysis Science and Technology</i> , 2011 , 1, 1109	5.5	27
75	Chiral S,S-donor ligands in palladium-catalysed allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 1469-1474	27	
74	Cyclometallation of amino-imines on palladium complexes. The effect of the solvent on the experimental and calculated mechanism. <i>Dalton Transactions</i> , 2009 , 8292-300	4.3	26
73	Chiral bis(oxazoline) ligands. Synthesis of mono- and bi-metallic complexes of nickel and palladium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 4229-4236		26
72	New Chiral Tetradentate Oxazolinyolphosphine Ligands for Nickel and Palladium. Coordination Behavior and Catalytic Activity in Allylic Alkylations. <i>Organometallics</i> , 1999 , 18, 4970-4981	3.8	26
71	Palladium and ruthenium nanoparticles: Reactivity and coordination at the metallic surface. <i>Comptes Rendus Chimie</i> , 2009 , 12, 533-545	2.7	25
70	Stable Zero-Valent Nickel Nanoparticles in Glycerol: Synthesis and Applications in Selective Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3544-3552	5.6	24
69	Hydrogenation Processes at the Surface of Ruthenium Nanoparticles: A NMR Study. <i>Topics in Catalysis</i> , 2013 , 56, 1253-1261	2.3	24
68	Electrochemical cleavage of allyl aryl ethers and allylation of carbonyl compounds: umpolung of allyl-palladium species. <i>Tetrahedron Letters</i> , 1999 , 40, 5685-5688	2	23
67	Catalytic reduction of acetophenone with transition metal systems containing chiral bis(oxazolines). <i>Journal of Organometallic Chemistry</i> , 2002 , 659, 186-195	2.3	22

66	Metal-Free Intermolecular Azide-Alkyne Cycloaddition Promoted by Glycerol. <i>Chemistry - A European Journal</i> , 2015 , 21, 18706-10	4.8	21
65	New bicyclic phosphorous ligands: synthesis, structure and catalytic applications in ionic liquids. <i>Tetrahedron</i> , 2011 , 67, 421-428	2.4	21
64	Molybdenum(VI)-catalysed olefin epoxidation: Structure and reactivity study. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2740-2746	2.7	21
63	Palladium nanoparticles stabilised by cinchona-based alkaloids in glycerol: efficient catalysts for surface assisted processes. <i>RSC Advances</i> , 2016 , 6, 93205-93216	3.7	21
62	DOSY technique applied to palladium nanoparticles in ionic liquids. <i>Magnetic Resonance in Chemistry</i> , 2008 , 46, 739-43	2.1	20
61	Ruthenium Complexes Containing Chiral N-Donor Ligands as Catalysts in Acetophenone Hydrogen Transfer [New Amino Effect on Enantioselectivity. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4341-4351	2.3	20
60	Palladium nanoparticles stabilised by PTA derivatives in glycerol: Synthesis and catalysis in a green wet phase. <i>Catalysis Communications</i> , 2015 , 63, 47-51	3.2	19
59	Efficient Palladium Catalysts Containing Original Imidazolium-Tagged Chiral Diamidophosphite Ligands for Asymmetric Allylic Substitutions in Neat Ionic Liquid. <i>Organometallics</i> , 2014 , 33, 771-779	3.8	19
58	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. <i>Chemical Communications</i> , 2011 , 47, 7869-71	5.8	18
57	Synthesis of new functionalized polymers and their use as stabilizers of Pd, Pt, and Rh nanoparticles. Preliminary catalytic studies. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 2772-2782	2.9	18
56	Complexes with diimine ligands. Part II. Synthesis, structure and magnetic studies of mixed acetylacetonatenickel(II) derivatives. <i>Inorganica Chimica Acta</i> , 1990 , 177, 161-166	2.7	18
55	Enantiomerically Pure P,N Chelates Based on Phospholene Rings: Palladium Complexes and Catalytic Applications in Allylic Substitution. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5583-5591	2.3	17
54	New Open Tetraaza Nickel(II) and Palladium(II) Complexes. Different Reactivity of the Electrogenerated M(0) Species toward Difunctional Substrates. <i>Organometallics</i> , 1997 , 16, 5900-5908	3.8	17
53	Synthesis, structure, redox properties, and catalytic activity of new ruthenium complexes containing neutral or anionic and facial or meridional ligands: an evaluation of electronic and geometrical effects. <i>Inorganic Chemistry</i> , 2007 , 46, 5381-9	5.1	17
52	Palladium nanoparticles stabilized by novel choline-based ionic liquids in glycerol applied in hydrogenation reactions. <i>Catalysis Today</i> , 2020 , 346, 69-75	5.3	17
51	Metal-based nanoparticles dispersed in glycerol: An efficient approach for catalysis. <i>Catalysis Today</i> , 2018 , 310, 98-106	5.3	16
50	New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 1009-1014		16
49	Key Non-Metal Ingredients for Cu-catalyzed "Click" Reactions in Glycerol: Nanoparticles as Efficient Forwarders. <i>Chemistry - A European Journal</i> , 2016 , 22, 18247-18253	4.8	15

48	The Spectroscopic, Electrochemical and Structural Characterization of a Family of Ru Complexes Containing the C ₂ -Symmetric Didentate Chiral 1,3-Oxazoline Ligand and Their Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5207-5214	2.3	15
47	Intramolecular allyl transfer reaction from allyl ether to aldehyde groups: experimental and theoretical studies. <i>Chemistry - A European Journal</i> , 2002 , 8, 664-72	4.8	15
46	Palladium nanocatalysts in glycerol: Tuning the reactivity by effect of the stabilizer. <i>Catalysis Communications</i> , 2018 , 104, 22-27	3.2	14
45	Rhodium complexes containing chiral P-donor ligands as catalysts for asymmetric hydrogenation in non conventional media. <i>Catalysis Letters</i> , 2011 , 141, 808-816	2.8	13
44	⁹⁵ Mo NMR: a useful tool for structural studies in solution. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 573-7	2.1	13
43	Palladium complexes containing bis(oxazolines): stoichiometric versus catalytic allylic alkylation. <i>Dalton Transactions RSC</i> , 2001 , 1432-1439		13
42	Synthesis and structures of tetranuclear 2-(dimethylamino)ethanethiolato complexes of zinc, cadmium and mercury involving both primary and secondary metal-halogen bonding. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 2511-2518		13
41	Stereo-specific synthesis of hydroanthracene-dicarboximides. <i>Tetrahedron Letters</i> , 2008 , 49, 6720-6723	2	12
40	Cyclopalladation of N ₂ N ₂ donor ligands: unusual dinuclear complexes and their solution behaviour. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 67-70	3.1	12
39	Synthesis and characterization of triazenido and amidino complexes of nickel and palladium. <i>Polyhedron</i> , 1993 , 12, 1171-1177	2.7	12
38	Unexpected bond activations promoted by palladium nanoparticles. <i>Dalton Transactions</i> , 2014 , 43, 9038-44	4.4	11
37	Synthesis and characterization of bis(diphenylphosphino)methanide and -amide complexes of NiII and PdII. Crystal structure of [PdCl(Ph ₂ PNPPPh ₂)(PET ₃)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 221-225		11
36	Catalytic membrane reactor for Suzuki-Miyaura C-C cross-coupling: Explanation for its high efficiency via modeling. <i>AIChE Journal</i> , 2017 , 63, 698-704	3.6	10
35	Synthesis of Chiral Functionalised Cyclobutylpyrrolidines and Cyclobutylamino Alcohols from (R)-Verbenone [Applications in the Stabilisation of Ruthenium Nanocatalysts]. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 810-819	3.2	10
34	Palladium-mediated radical homocoupling reactions: a surface catalytic insight. <i>Catalysis Science and Technology</i> , 2018 , 8, 4766-4773	5.5	10
33	Bimetallic Nanocatalysts in Glycerol for Applications in Controlled Synthesis. A Structure-Reactivity Relationship Study. <i>ACS Applied Nano Materials</i> , 2019 , 2, 1033-1044	5.6	10
32	Tuning the hydrogen donor/acceptor behavior of ionic liquids in Pd-catalyzed multi-step reactions. <i>Catalysis Communications</i> , 2015 , 63, 56-61	3.2	9
31	Triazolium Salts as Appropriate Catalytic Scaffolds for 1,4-Additions to α,β -Unsaturated Carbonyls. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2160-2167	3.2	8

30	Glycerol [A Non-Innocent Solvent for Rh-Catalysed Pauson-Khand Carbocyclisations. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5138-5144	2.3	8
29	First Allylpalladium Systems Containing Chiral Imidazolylpyridine Ligands [Structural Studies and Catalytic Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 132-139	2.3	8
28	Metallic Nanoparticles in Ionic Liquids [Applications in Catalysis 2012 , 203-249		7
27	9,10-Dihydroanthracenyl structures: original ligands for the synthesis of polymetallic complexes through selective E coordination. <i>Dalton Transactions</i> , 2013 , 42, 1136-43	4.3	6
26	CHIRAL DIPHOSPHOLES 4. SYNTHESIS AND NMR STUDY OF PHOSPHOLYL-BASED OPTICALLY ACTIVE DIPHOSPHINES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 85, 207-215	1	6
25	[HFe(CO) ₄] _n as a reagent for the synthesis of tin/iron clusters. Partial crystal structure of (NEt ₄) ₂ [SnCl ₂ {Fe(CO) ₄ } ₂] _n SnCl ₄ . <i>Journal of Organometallic Chemistry</i> , 1990 , 381, 183-189	2.3	6
24	Palladium Nanoparticles in Glycerol/Ionic Liquid/Carbon Dioxide Medium as Hydrogenation Catalysts. <i>ACS Applied Nano Materials</i> , 2020 , 3, 12240-12249	5.6	5
23	Hydrogenation reactions catalyzed by colloidal palladium nanoparticles under flow regime. <i>AIChE Journal</i> , 2019 , 65, e16752	3.6	4
22	Stabilization of Pd, Pt and Ru nanoparticles by optically active CO/styrene copolymers. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 766-768	3.1	4
21	Design of Glycerol-Based Solvents for the Immobilization of Palladium Nanocatalysts: A Hydrogenation Study.. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6875-6885	8.3	4
20	Metal Nanoparticles in Polyols: Bottom-up and Top-down Syntheses and Catalytic Applications 2021 , 99-122		4
19	Tetraalkylammonium Functionalized Hydrochars as Efficient Supports for Palladium Nanocatalysts. <i>ChemCatChem</i> , 2020 , 12, 2295-2303	5.2	3
18	Nanoscale Metal Phosphide Phase Segregation to Bi/P Core/Shell Structure. Reactivity as a Source of Elemental Phosphorus. <i>Chemistry of Materials</i> , 2020 , 32, 4213-4222	9.6	3
17	(1S,8R,15S,19R)-17-Benzyl-17-aza-penta-cyclo-[6.6.5.0(2,7).0(9,14).0(15,19)]nona-deca-2(7),3,5,9(14),10,12-hexa-ene chloro-form monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2881		3
16	Tris([I(5)-cyclo-penta-dien-yl)-tris-[I(6)-[9,10-dihydro-anthracene-9,10-endo-3R,4R(N-benz-yl)pyrrolidine]]triruthenium(II) tris-(hexa-fluoro-phosphate) acetone disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1313-4		3
15	Norbornene Bidentate Ligands: Coordination Chemistry and Enantioselective Catalytic Applications. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 758-766	2.3	3
14	Crystal structure of trans-ethyl(1,5,6-trimethylbenzimidazole)-bis(dimethylglyoximate)cobalt(III). Relationships between structural and spectroscopic properties in compounds of the general formulae [Co(dmgH) ₂ (R)(1,5,6-Me ₃ Bzm)]. <i>Transition Metal Chemistry</i> , 1991 , 16, 176-180	2.1	3
13	Palladium nanoparticles in ionic liquids stabilized by mono-phosphines. Catalytic applications. <i>French-Ukrainian Journal of Chemistry</i> , 2016 , 4, 37-50	0.3	3

12	Hybrid Catalytic Membranes: Tunable and Versatile Materials for Fine Chemistry Applications. <i>Materials Today: Proceedings</i> , 2016 , 3, 419-423	1.4	3
11	Heteropolymetallic Complexes Linked to a 9,10-Dihydroanthracenyl Frame. Ruthenium as Active Spectator for Palladium Reactivity. <i>Organometallics</i> , 2014 , 33, 1812-1819	3.8	2
10	Novel ferrocenyl-oxazoline ligands: first preparation of non-symmetrical bis(oxazoline). <i>Polyhedron</i> , 2004 , 23, 611-616	2.7	2
9	Ionic liquids in catalysis: molecular and nanometric metal systems. <i>French-Ukrainian Journal of Chemistry</i> , 2016 , 4, 23-36	0.3	2
8	P-Stereogenic Phosphines for the Stabilisation of Metal Nanoparticles. A Surface State Study. <i>Catalysts</i> , 2016 , 6, 213	4	2
7	Remarkable catalytic activity of polymeric membranes containing gel-trapped palladium nanoparticles for hydrogenation reactions. <i>Catalysis Today</i> , 2021 , 364, 263-269	5.3	2
6	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity 2001 , 2001, 1071		2
5	Glycerol Boosted Rh-Catalyzed Hydroaminomethylation Reaction: A Mechanistic Insight. <i>Chemistry - A European Journal</i> , 2020 , 26, 12553-12559	4.8	1
4	Earth-Abundant d-Block Metal Nanocatalysis for Coupling Reactions in Polyols. <i>Molecular Catalysis</i> , 2020 , 249-280	0.3	1
3	Copper nanocatalysts applied in coupling reactions: a mechanistic insight. <i>Nanoscale</i> , 2021 , 13, 18817-18838	3.7	1
2	Metal Nanoparticles Dispersed in Solution: Tests to Identify the Catalyst Nature 2008 , 427-436		1
1	Bimetallic Nanoparticles in Ionic Liquids: Synthesis and Catalytic Applications 2016 , 125-146		1