Montserrat GÃ³mez

List of Publications by Year
in descending order

141
papers

5,590
citations

76196

40
h-index

95083

68
g-index

166
all docs

166
docs citations

166
times ranked

4967
citing authors

#	Article	IF	Citations
1	A Case for Enantioselective Allylic Alkylation Catalyzed by Palladium Nanoparticles. Journal of the American Chemical Society, 2004, 126, 1592-1593.	6.6	288
2	Chiral thioether ligands: coordination chemistry and asymmetric catalysis. Coordination Chemistry Reviews, 2003, 242, 159-201.	9.5	202
3	Coordination chemistry of oxazoline ligands. Coordination Chemistry Reviews, 1999, 193-195, 769-835.	9.5	201
4	An Overview of Palladium Nanocatalysts: Surface and Molecular Reactivity. European Journal of Inorganic Chemistry, 2008, 2008, 3577-3586.	1.0	188
5	Influence of organic ligands on the stabilization of palladium nanoparticles. Journal of Organometallic Chemistry, 2004, 689, 4601-4610.	0.8	174
6	Palladium Nanoparticles in Polyols: Synthesis, Catalytic Couplings, and Hydrogenations. Chemical Reviews, 2020, 120, 1146-1183.	23.0	155
7	Five- and six-membered exo-cyclopalladated compounds of N-benzylideneamines. Synthesis and x-ray crystal structure of [cyclic] [PdBr{p-MeOC6H3(CH2)2N:CH(2,6-Cl2C6H3)}(PPh3)] and [PdBr{C6H4CH2N:CH(2,6-Cl2C6H3)}(PEt3)2]. Organometallics, 1990, 9, 1405-1413.	1.1	154
8	Variable-Temperature and -Pressure Kinetics and Mechanism of the Cyclopalladation Reaction of Imines in Aprotic Solvent. Organometallics, 1997, 16, 2539-2546.	1.1	146
9	Polymetallic complexes linked to a single-frame ligand: cooperative effects in catalysis. Dalton Transactions, 2013, 42, 10664.	1.6	130
10	Cyclopalladation of N-mesitylbenzylideneamines. Aromatic versus aliphatic carbon-hydrogen bond activation. Organometallics, 1992, 11, 1536-1541.	1.1	120
11	Synthesis, characterization and catalytic reactivity of ruthenium nanoparticles stabilized by chiral N-donor ligands. New Journal of Chemistry, 2006, 30, 115-122.	1.4	111
12	Ionic liquids as a medium for enantioselective catalysis. Comptes Rendus Chimie, 2007, 10, 152-177.	0.2	104
13	Solution behaviour, kinetics and mechanism of the acid-catalysed cyclopalladation of iminesâ€Š*. Journal of the Chemical Society Dalton Transactions, 1998, , 37-44.	1.1	99
14	Palladium catalyzed Suzuki Câ€“C couplings in an ionic liquid: nanoparticles responsible for the catalytic activity. Dalton Transactions, 2007, , 5572.	1.6	95
15	Metal and Metal Oxide Nanoparticles: A Lever for Câ€“H Functionalization. ACS Catalysis, 2016, 6, 3537-3552.	5.5	86
16	Modular Bis(oxazoline) Ligands for Palladium Catalyzed Allylic Alkylation: Unprecedented Conformational Behaviour of a Bis(oxazoline) Palladium 3-1,3-Diphenylallyl Complex. Chemistry - A European Journal, 2002, 8, 4164-4178.	1.7	78
17	Structural Studies of Mono- and Dimetallic MoVIComplexes â˘ A New Mechanistic Contribution in Catalytic Olefin Epoxidation Provided by Oxazoline Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 4278-4285.	1.0	78
18	Palladium nanoparticles immobilized in ionic liquid: An outstanding catalyst for the Suzuki Câ€“C coupling. Catalysis Communications, 2008, 9, 273-275.	1.6	78

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19	A new and specific mode of stabilization of metallic nanoparticles. Chemical Communications, 2008, , 3296.	2.2	77
20	Supported ionic liquid phase catalysis on functionalized carbon nanotubes. Chemical Communications, 2008, , 4201.	2.2	76
21	Palladium Nanoparticles Applied in Organic Synthesis as Catalytic Precursors. Current Organic Chemistry, 2011, 15, 3127-3174.	0.9	76
22	Stoichiometric model reactions in olefin hydroformylation by platinum-tin systems. Organometallics, 1991, 10, 4036-4045.	1.1	68
23	Palladium Catalytic Species Containing Chiral Phosphites: Towards a Discrimination between Molecular and Colloidal Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2459-2469.	2.1	68
24	Supported Ionic Liquid Phase Containing Palladium Nanoparticles on Functionalized Multiwalled Carbon Nanotubes: Catalytic Materials for Sequential Heck Coupling/Hydrogenation Process. ChemCatChem, 2011, 3, 749-754.	1.8	63
25	Palladium Nanoparticles in Glycerol: A Versatile Catalytic System for Cï£¿X Bond Formation and Hydrogenation Processes. Advanced Synthesis and Catalysis, 2013, 355, 3648-3660.	2.1	61
26	Palladium Nanoparticles in Allylic Alkylations and Heck Reactions: The Molecular Nature of the Catalyst Studied in a Membrane Reactor. Advanced Synthesis and Catalysis, 2008, 350, 2583-2598.	2.1	60
27	High catalytic efficiency of palladium nanoparticles immobilized in a polymer membrane containing poly(ionic liquid) in Suzukiâ€"Miyaura cross-coupling reaction. Journal of Membrane Science, 2015, 492, 331-339.	4.1	57
28	A new insight into ortho-(dimesitylboryl)diphenylphosphines: applications in Pd-catalyzed Suzukiâ€"Miyaura couplings and evidence for secondary Ï€-interaction. Chemical Communications, 2011, 47, 8163.	2.2	56
29	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity. European Journal of Inorganic Chemistry, 2001, 2001, 1071-1076.	1.0	55
30	Diphosphites as a promising new class of ligands in Pd-catalysed asymmetric allylic alkylation. Chemical Communications, 2001, , 1132-1133.	2.2	53
31	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. Inorganic Chemistry, 1990, 29, 5168-5173.	1.9	52
32	Glycerol as Suitable Solvent for the Synthesis of Metallic Species and Catalysis. Chemistry - A European Journal, 2014, 20, 10884-10893.	1.7	48
33	Making Copper(0) Nanoparticles in Glycerol: A Straightforward Synthesis for a Multipurpose Catalyst. Advanced Synthesis and Catalysis, 2017, 359, 2832-2846.	2.1	48
34	Bis(oxazoline) Ligands Containing Four and Five Spacer Atoms:â€‰ Palladium Complexes and Catalytic Behavior. Organometallics, 2002, 21, 1077-1087.	1.1	47
35	Copper(I) Oxide Nanoparticles in Glycerol: A Convenient Catalyst for Crossâ€Coupling and Azideâ€"Alkyne Cycloaddition Processes. ChemCatChem, 2014, 6, 2929-2936.	1.8	47
36	A Single Catalyst for Sequential Reactions: Dual Homogeneous and Heterogeneous Behavior of Palladium Nanoparticles in Solution. ChemCatChem, 2009, 1, 244-246.	1.8	46

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37	Palladium nanoparticles in glycerol: a clear-cut catalyst for one-pot multi-step processes applied in the synthesis of heterocyclic compounds. Organic Chemistry Frontiers, 2015, 2, 312-318.	2.3	46
38	Mechanisms of Cyclopalladation Reactions in Acetic Acid: Not So Simple One-Pot Processes. European Journal of Inorganic Chemistry, 2000, 2000, 217-224.	1.0	45
39	Bimetallic Nanoparticles in Alternative Solvents for Catalytic Purposes. Catalysts, 2017, 7, 207.	1.6	44
40	Chiral Cationic [Cpâ€²Mo(CO)₂(NCMe)]⁺ Species â€“ Catalyst Precursors for Olefin Epoxidation with H₂O₂ and <i>tert</i>â€Butyl Hydroperoxide. European Journal of Inorganic Chemistry, 2011, 2011, 666-673.	1.0	42
41	Imidazolium-based ionic liquids immobilized on solid supports: effect on the structure and thermostability. Dalton Transactions, 2010, 39, 7565.	1.6	41
42	Synthesis of Platinumâ€“Ruthenium Nanoparticles under Supercritical CO₂ and their Confinement in Carbon Nanotubes: Hydrogenation Applications. ChemCatChem, 2012, 4, 118-122.	1.8	41
43	Palladium Complexes with Chiral Oxazoline Ligands. Effect of Chelate Size on Catalytic Allylic Substitutions. Organometallics, 2000, 19, 966-978.	1.1	40
44	Novel super-structures resulting from the coordination of chiral oxazolines on platinum nanoparticles. New Journal of Chemistry, 2003, 27, 114-120.	1.4	40
45	Kineticoâ€“mechanistic studies of Câ€“H bond activation on new Pd complexes containing N,Nâ€²-chelating ligands. Dalton Transactions, 2005, , 123-132.	1.6	39
46	<i>ortho</i>â€(Dimesitylboryl)phenylphosphines: Positive Boryl Effect in the Palladiumâ€Catalyzed Suzukiâ€“Miyaura Coupling of 2â€Chloropyridines. Advanced Synthesis and Catalysis, 2013, 355, 2274-2284.	2.1	39
47	Cyclopropanation of Cyclohexenone by Diazomethane Catalyzed by Palladium Diacetate:Â Evidence for the Formation of Palladium(0) Nanoparticles. Organometallics, 2007, 26, 3306-3314.	1.1	38
48	Unexpected activation of carbonâ€“bromide bond promoted by palladium nanoparticles in Suzuki Câ€“C couplings. Dalton Transactions, 2010, 39, 9719.	1.6	37
49	Copper-Catalyzed Coupling of <i>N</i>-Tosylhydrazones with Amines: Synthesis of Fluorene Derivatives. ACS Catalysis, 2014, 4, 4498-4503.	5.5	37
50	Trialkylphosphine-carbon disulfide adducts as eight-electron bridging ligands. X-ray structures of dimanganese complex [Mn2(CO)6(.mu.-S2CPCy3)] and [Mn2(CO)4(.mu.-S2CPCy3)(.mu.-dppm)]. Organometallics, 1991, 10, 1683-1692.	1.1	36
51	Electrochemical cleavage of allyl aryl ethers and allylation of carbonyl compounds: umpolung of allyl-palladium species. Tetrahedron Letters, 1999, 40, 5685-5688.	0.7	36
52	Exo- and Endocyclic Oxazolinylâˆ’Phosphane Palladium Complexes:Â Catalytic Behavior in Allylic Alkylation Processes. Organometallics, 2004, 23, 3197-3209.	1.1	36
53	Stable Zeroâ€Valent Nickel Nanoparticles in Glycerol: Synthesis and Applications in Selective Hydrogenations. Advanced Synthesis and Catalysis, 2018, 360, 3544-3552.	2.1	36
54	Complexes with diimine ligands. Part III. Synthesis, structure and magnetic studies of mixed acetylacetonatecobalt(II) derivatives. Inorganica Chimica Acta, 1991, 181, 51-60.	1.2	35

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55	Phosphinooxazolines Derived from 3â€Aminoâ€1,2â€diols: Highly Efficient Modular <i>Pâ€N</i> Ligands. Advanced Synthesis and Catalysis, 2007, 349, 2265-2278.	2.1	35
56	Chiral S,S-donor ligands in palladium-catalysed allylic alkylation. Tetrahedron: Asymmetry, 2001, 12, 1469-1474.	1.8	34
57	Allylic Alkylations Catalyzed by Palladium Systems Containing Modular Chiral Dithioethers. A Structural Study of the Allylic Intermediates. Organometallics, 2005, 24, 3946-3956.	1.1	34
58	Ruthenium nanoparticles supported on multi-walled carbon nanotubes: Highly effective catalytic system for hydrogenation processes. Journal of Molecular Catalysis A, 2010, 332, 106-112.	4.8	34
59	A smart palladium catalyst in ionic liquid for tandem processes. Physical Chemistry Chemical Physics, 2011, 13, 13579.	1.3	34
60	Ligand exchange reactions of N-donor ligands in cyclopalladated complexes. Journal of Organometallic Chemistry, 1989, 361, 391-398.	0.8	33
61	New Chiral Tetradentate Oxazolinylphosphine Ligands for Nickel and Palladium. Coordination Behavior and Catalytic Activity in Allylic Alkylations. Organometallics, 1999, 18, 4970-4981.	1.1	31
62	Atropisomeric Discrimination in New RuII Complexes Containing theC2-Symmetric Didentate Chiral Phenyl-1,2-bisoxazolinic Ligand. Chemistry - A European Journal, 2006, 12, 2798-2807.	1.7	30
63	An outstanding palladium system containing a C2-symmetrical phosphite ligand for enantioselective allylic substitution processes. Chemical Communications, 2008, , 6197.	2.2	30
64	An overview of chiral molybdenum complexes applied in enantioselective catalysis. Catalysis Science and Technology, 2011, 1, 1109.	2.1	30
65	Ruthenium and rhodium nanoparticles as catalytic precursors in supercritical carbon dioxide. Catalysis Today, 2009, 148, 398-404.	2.2	29
66	Dioxomolybdenum(VI) complexes containing chiral oxazolines applied in alkenes epoxidation in ionic liquids: A highly diastereoselective catalyst. Applied Catalysis A: General, 2011, 398, 88-95.	2.2	29
67	Palladium and ruthenium nanoparticles: Reactivity and coordination at the metallic surface. Comptes Rendus Chimie, 2009, 12, 533-545.	0.2	28
68	Cyclometallation of amino-imines on palladium complexes. The effect of the solvent on the experimental and calculated mechanism. Dalton Transactions, 2009, , 8292.	1.6	27
69	Palladium nanoparticles stabilised by cinchona-based alkaloids in glycerol: efficient catalysts for surface assisted processes. RSC Advances, 2016, 6, 93205-93216.	1.7	27
70	Chiral bis(oxazoline) ligands. Synthesis of mono- and bi-metallic complexes of nickel and palladium. Journal of the Chemical Society Dalton Transactions, 1998, , 4229-4236.	1.1	26
71	Metal-based nanoparticles dispersed in glycerol: An efficient approach for catalysis. Catalysis Today, 2018, 310, 98-106.	2.2	26
72	Molybdenum(VI)-catalysed olefin epoxidation: Structure and reactivity study. Inorganica Chimica Acta, 2008, 361, 2740-2746.	1.2	25

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73	Hydrogenation Processes at the Surface of Ruthenium Nanoparticles: A NMR Study. Topics in Catalysis, 2013, 56, 1253-1261.	1.3	25
74	Metalâ€Free Intermolecular Azideâ€“Alkyne Cycloaddition Promoted by Glycerol. Chemistry - A European Journal, 2015, 21, 18706-18710.	1.7	25
75	Catalytic reduction of acetophenone with transition metal systems containing chiral bis(oxazolines). Journal of Organometallic Chemistry, 2002, 659, 186-195.	0.8	24
76	Palladium nanoparticles stabilised by PTA derivatives in glycerol: Synthesis and catalysis in a green wet phase. Catalysis Communications, 2015, 63, 47-51.	1.6	24
77	Palladium nanoparticles stabilized by novel choline-based ionic liquids in glycerol applied in hydrogenation reactions. Catalysis Today, 2020, 346, 69-75.	2.2	24
78	DOSY technique applied to palladium nanoparticles in ionic liquids. Magnetic Resonance in Chemistry, 2008, 46, 739-743.	1.1	21
79	New bicyclic phosphorous ligands: synthesis, structure and catalytic applications in ionic liquids. Tetrahedron, 2011, 67, 421-428.	1.0	21
80	Efficient Palladium Catalysts Containing Original Imidazolium-Tagged Chiral Diamidophosphite Ligands for Asymmetric Allylic Substitutions in Neat Ionic Liquid. Organometallics, 2014, 33, 771-779.	1.1	21
81	Key Nonâ€Metal Ingredients for Cuâ€catalyzed â€œClickâ€• Reactions in Glycerol: Nanoparticles as Efficient Forwarders. Chemistry - A European Journal, 2016, 22, 18247-18253.	1.7	21
82	Complexes with diimine ligands. Part II. Synthesis, structure and magnetic studies of mixed acetylacetonatenickel(II) derivatives. Inorganica Chimica Acta, 1990, 177, 161-166.	1.2	20
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84	Synthesis of new functionalized polymers and their use as stabilizers of Pd, Pt, and Rh nanoparticles. Preliminary catalytic studies. Journal of Applied Polymer Science, 2007, 105, 2772-2782.	1.3	20
85	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. Chemical Communications, 2011, 47, 7869.	2.2	20
86	Synthesis, Structure, Redox Properties, and Catalytic Activity of New Ruthenium Complexes Containing Neutral or Anionic and Facial or Meridional Ligands:â€‰ An Evaluation of Electronic and Geometrical Effects. Inorganic Chemistry, 2007, 46, 5381-5389.	1.9	19
87	Enantiomerically Pure P,N Chelates Based on Phospholene Rings: Palladium Complexes and Catalytic Applications in Allylic Substitution. European Journal of Inorganic Chemistry, 2009, 2009, 5583-5591.	1.0	19
88	New Open Tetraaza Nickel(II) and Palladium(II) Complexes. Different Reactivity of the Electrogenerated M(0) Species toward Difunctional Substrates. Organometallics, 1997, 16, 5900-5908.	1.1	18
89	Intramolecular Allyl Transfer Reaction from Allyl Ether to Aldehyde Groups: Experimental and Theoretical Studies. Chemistry - A European Journal, 2002, 8, 664-672.	1.7	18
90	Bimetallic Nanocatalysts in Glycerol for Applications in Controlled Synthesis. A Structureâ€“Reactivity Relationship Study. ACS Applied Nano Materials, 2019, 2, 1033-1044.	2.4	18

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91	New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. Tetrahedron: Asymmetry, 2009, 20, 1009-1014.	1.8	17
92	Palladium nanocatalysts in glycerol: Tuning the reactivity by effect of the stabilizer. Catalysis Communications, 2018, 104, 22-27.	1.6	17
93	Synthesis and structures of tetranuclear 2-(dimethylamino)ethanethiolato complexes of zinc, cadmium and mercury involving both primary and secondary metalâ€“halogen bonding. Journal of the Chemical Society Dalton Transactions, 1991, , 2511-2518.	1.1	16
94	⁹⁵Mo NMR: a useful tool for structural studies in solution. Magnetic Resonance in Chemistry, 2009, 47, 573-577.	1.1	16
95	Catalytic membrane reactor for Suzukiâ€Miyaura Câˆ’C crossâ€coupling: Explanation for its high efficiency via modeling. AIChE Journal, 2017, 63, 698-704.	1.8	16
96	Design of Glycerol-Based Solvents for the Immobilization of Palladium Nanocatalysts: A Hydrogenation Study. ACS Sustainable Chemistry and Engineering, 2021, 9, 6875-6885.	3.2	16
97	The Spectroscopic, Electrochemical and Structural Characterization of a Family of Ru Complexes Containing theC2-Symmetric Didentate Chiral 1,3-Oxazoline Ligand and Their Catalytic Activity. European Journal of Inorganic Chemistry, 2007, 2007, 5207-5214.	1.0	15
98	Rhodium complexes containing chiral P-donor ligands as catalysts for asymmetric hydrogenation in non conventional media. Catalysis Letters, 2011, 141, 808-816.	1.4	15
99	Synthesis and characterization of triazenido and amidino complexes of nickel and palladium. Polyhedron, 1993, 12, 1171-1177.	1.0	14
100	Palladium complexes containing bis(oxazolines): stoichiometric versus catalytic allylic alkylation. Dalton Transactions RSC, 2001, , 1432-1439.	2.3	14
101	Palladium-mediated radical homocoupling reactions: a surface catalytic insight. Catalysis Science and Technology, 2018, 8, 4766-4773.	2.1	14
102	Stereo-specific synthesis of hydroanthracene-dicarboximides. Tetrahedron Letters, 2008, 49, 6720-6723.	0.7	13
103	Cyclopalladation of Nî—¸Nâ€² donor ligands: unusual dinuclear complexes and their solution behaviour. Inorganic Chemistry Communication, 2002, 5, 67-70.	1.8	12
104	Glycerol â€“ A Nonâ€Innocent Solvent for Rhâ€Catalysed Pausonâ€“Khand Carbocyclisations. European Journal of Inorganic Chemistry, 2013, 2013, 5138-5144.	1.0	12
105	Synthesis and characterization of bis(diphenylphosphino)methanide and -amide complexes of NiIIand PdII. Crystal structure of [PdCl(Ph2PNPPh2)(PEt3)]. Journal of the Chemical Society Dalton Transactions, 1993, , 221-225.	1.1	11
106	Unexpected bond activations promoted by palladium nanoparticles. Dalton Transactions, 2014, 43, 9038.	1.6	11
107	Tuning the hydrogen donor/acceptor behavior of ionic liquids in Pd-catalyzed multi-step reactions. Catalysis Communications, 2015, 63, 56-61.	1.6	11
108	Palladium Nanoparticles in Glycerol/Ionic Liquid/Carbon Dioxide Medium as Hydrogenation Catalysts. ACS Applied Nano Materials, 2020, 3, 12240-12249.	2.4	11

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109	First Allylpalladium Systems Containing Chiral Imidazolylpyridine Ligands â€“ Structural Studies and Catalytic Behaviour. European Journal of Inorganic Chemistry, 2007, 2007, 132-139.	1.0	10
110	Triazolium Salts as Appropriate Catalytic Scaffolds for 1,4â€Additions to Î±,Î²â€Unsaturated Carbonyls. European Journal of Organic Chemistry, 2014, 2014, 2160-2167.	1.2	10
111	Synthesis of Chiral Functionalised Cyclobutylpyrrolidines and Cyclobutylamino Alcohols from (â€“)â€(<i>S</i>)â€Verbenone â€“ Applications in the Stabilisation of Ruthenium Nanocatalysts. European Journal of Organic Chemistry, 2015, 2015, 810-819.	1.2	10
112	[HFe(CO)4]âˆ’ as a reagent for the synthesis of tin/iron clusters. Partial crystal structure of (NEt4)2[SnCl2{Fe(CO)4}2]Â·SnCl4. Journal of Organometallic Chemistry, 1990, 381, 183-189.	0.8	9
113	CHIRAL DIPHOSPHOLES 4. SYNTHESIS AND NMR STUDY OF PHOSPHOLYL-BASED OPTICALLY ACTIVE DIPHOSPHINES. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 85, 207-215.	0.8	8
114	Copper nanocatalysts applied in coupling reactions: a mechanistic insight. Nanoscale, 2021, 13, 18817-18838.	2.8	8
115	Remarkable catalytic activity of polymeric membranes containing gel-trapped palladium nanoparticles for hydrogenation reactions. Catalysis Today, 2021, 364, 263-269.	2.2	7
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117	Hydrogenation reactions catalyzed by colloidal palladium nanoparticles under flow regime. AIChE Journal, 2019, 65, e16752.	1.8	6
118	Glycerol Boosted Rhâ€Catalyzed Hydroaminomethylation Reaction: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, 12553-12559.	1.7	6
119	Nanoscale Metal Phosphide Phase Segregation to Bi/P Core/Shell Structure. Reactivity as a Source of Elemental Phosphorus. Chemistry of Materials, 2020, 32, 4213-4222.	3.2	6
120	Palladium and Copper: Advantageous Nanocatalysts for Multi-Step Transformations. Nanomaterials, 2021, 11, 1891.	1.9	6
121	Hybrid Catalytic Membranes: Tunable and Versatile Materials for Fine Chemistry Applications. Materials Today: Proceedings, 2016, 3, 419-423.	0.9	5
122	Tetraalkylammonium Functionalized Hydrochars as Efficient Supports for Palladium Nanocatalysts. ChemCatChem, 2020, 12, 2295-2303.	1.8	5
123	Crystal structure oftrans-ethyl(1,5,6-trimethylbenzimidazole)-bis(dimethylglyoximato)cobalt(III). Relationships between structural and spectroscopic properties in compounds of the general formulae [Co(dmgH)2(R)(1,5,6-Me3Bzm)]. Transition Metal Chemistry, 1991, 16, 176-180.	0.7	4
124	Stabilization of Pd, Pt and Ru nanoparticles by optically active CO/styrene copolymers. Inorganic Chemistry Communication, 2010, 13, 766-768.	1.8	4
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126	Novel ferrocenyl-oxazoline ligands: first preparation of non-symmetrical bis(oxazoline). Polyhedron, 2004, 23, 611-616.	1.0	3

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128	Tris(Î·⁵-cyclopentadienyl)-tris[Î·⁶-[9,10-dihydroanthracene-9,10-<i>endo</i>-3â€²,4â€²-(<i>N</i>-benzyl)pyrro tris(hexafluorophosphate) acetone disolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1313-m1314.	0.2	3
129	P-Stereogenic Phosphines for the Stabilisation of Metal Nanoparticles. A Surface State Study. Catalysts, 2016, 6, 213.	1.6	3
130	Palladium nanoparticles in ionic liquids stabilized by mono-phosphines. Catalytic applications. French-Ukrainian Journal of Chemistry, 2016, 4, 37-50.	0.1	3
131	Organometallic interactions between metal nanoparticles and carbon-based molecules: A surface reactivity rationale. Advances in Organometallic Chemistry, 2022, , 43-103.	0.5	3
132	Heteropolymetallic Complexes Linked to a 9,10-Dihydroanthracenyl Frame. Ruthenium as Active Spectator for Palladium Reactivity. Organometallics, 2014, 33, 1812-1819.	1.1	2
133	Earth-Abundant d-Block Metal Nanocatalysis for Coupling Reactions in Polyols. Molecular Catalysis, 2020, , 249-280.	1.3	2
134	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity. European Journal of Inorganic Chemistry, 2001, 2001, 1071-1076.	1.0	2
135	Metal Nanoparticles Dispersed in Solution: Tests to Identify the Catalyst Nature. , 2008, , 427-436.		2
136	Ionic liquids in catalysis: molecular and nanometric metal systems. French-Ukrainian Journal of Chemistry, 2016, 4, 23-36.	0.1	2
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138	Modular Bis(oxazoline) Ligands for Palladium-Catalyzed Allylic Alkylation: Unprecedented Conformational Behavior of a Bis(oxazoline) Palladium Î·3-1,3-Diphenylallyl Complex.. ChemInform, 2003, 34, no.	0.1	0
139	Exo- and Endocyclic Oxazolinylâ€”Phosphane Palladium Complexes: Catalytic Behavior in Allylic Alkylation Processes.. ChemInform, 2004, 35, no.	0.1	0
140	Frontispiece: Glycerol Boosted Rhâ€Catalyzed Hydroaminomethylation Reaction: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, .	1.7	0
141	cis-Dioxomolybdenum(VI) Complexes Containing Chiral Ligands: Synthesis and Catalytic Application in Olefin Epoxidation. Current Inorganic Chemistry, 2011, 1, 131-139.	0.2	0