Montserrat Gmez

List of Publications by Year in Descending Order

137 papers	4,926 citations	38 h-index	64 g-index
165 ext. papers	5,231 ext. citations	4.9 avg, IF	5.57 L-index

#	Paper	IF	Citations
137	Copper nanocatalysts applied in coupling reactions: a mechanistic insight. *Nanoscale*, **2021**, 13, 18817-18838	7.7	1
136	Design of Glycerol-Based Solvents for the Immobilization of Palladium Nanocatalysts: A Hydrogenation Study.. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 6875-6885	8.3	4
135	Metal Nanoparticles in Polyols: Bottom-up and Top-down Syntheses and Catalytic Applications **2021**, 99-122		4
134	Remarkable catalytic activity of polymeric membranes containing gel-trapped palladium nanoparticles for hydrogenation reactions. *Catalysis Today*, **2021**, 364, 263-269	5.3	2
133	Glycerol Boosted Rh-Catalyzed Hydroaminomethylation Reaction: A Mechanistic Insight. *Chemistry - A European Journal*, **2020**, 26, 12553-12559	4.8	1
132	Earth-Abundant d-Block Metal Nanocatalysis for Coupling Reactions in Polyols. *Molecular Catalysis*, **2020**, 249-280	0.3	1
131	Tetraalkylammonium Functionalized Hydrochars as Efficient Supports for Palladium Nanocatalysts. *ChemCatChem*, **2020**, 12, 2295-2303	5.2	3
130	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	9.6	3
129	Palladium Nanoparticles in Glycerol/Ionic Liquid/Carbon Dioxide Medium as Hydrogenation Catalysts. *ACS Applied Nano Materials*, **2020**, 3, 12240-12249	5.6	5
128	Palladium nanoparticles stabilized by novel choline-based ionic liquids in glycerol applied in hydrogenation reactions. *Catalysis Today*, **2020**, 346, 69-75	5.3	17
127	Palladium Nanoparticles in Polyols: Synthesis, Catalytic Couplings, and Hydrogenations. *Chemical Reviews*, **2020**, 120, 1146-1183	68.1	79
126	Hydrogenation reactions catalyzed by colloidal palladium nanoparticles under flow regime. *AICHE Journal*, **2019**, 65, e16752	3.6	4
125	Bimetallic Nanocatalysts in Glycerol for Applications in Controlled Synthesis. A Structure Reactivity Relationship Study. *ACS Applied Nano Materials*, **2019**, 2, 1033-1044	5.6	10
124	Metal-based nanoparticles dispersed in glycerol: An efficient approach for catalysis. *Catalysis Today* , **2018**, 310, 98-106	5.3	16
123	Palladium nanocatalysts in glycerol: Tuning the reactivity by effect of the stabilizer. *Catalysis Communications*, **2018**, 104, 22-27	3.2	14
122	Stable Zero-Valent Nickel Nanoparticles in Glycerol: Synthesis and Applications in Selective Hydrogenations. *Advanced Synthesis and Catalysis*, **2018**, 360, 3544-3552	5.6	24
121	Palladium-mediated radical homocoupling reactions: a surface catalytic insight. *Catalysis Science and Technology*, **2018**, 8, 4766-4773	5.5	10

120	Catalytic membrane reactor for Suzuki-Miyaura C□ cross-coupling: Explanation for its high efficiency via modeling. *AICHE Journal*, **2017**, 63, 698-704	3.6	10
119	Making Copper(0) Nanoparticles in Glycerol: A Straightforward Synthesis for a Multipurpose Catalyst. *Advanced Synthesis and Catalysis*, **2017**, 359, 2832-2846	5.6	37
118	Bimetallic Nanoparticles in Alternative Solvents for Catalytic Purposes. *Catalysts*, **2017**, 7, 207	4	31
117	Key Non-Metal Ingredients for Cu-catalyzed "Click" Reactions in Glycerol: Nanoparticles as Efficient Forwarders. *Chemistry - A European Journal*, **2016**, 22, 18247-18253	4.8	15
116	Ionic liquids in catalysis: molecular and nanometric metal systems. *French-Ukrainian Journal of Chemistry*, **2016**, 4, 23-36	0.3	2
115	Palladium nanoparticles in ionic liquids stabilized by mono-phosphines. Catalytic applications. *French-Ukrainian Journal of Chemistry*, **2016**, 4, 37-50	0.3	3
114	P-Stereogenic Phosphines for the Stabilisation of Metal Nanoparticles. A Surface State Study. *Catalysts*, **2016**, 6, 213	4	2
113	Hybrid Catalytic Membranes: Tunable and Versatile Materials for Fine Chemistry Applications. *Materials Today: Proceedings*, **2016**, 3, 419-423	1.4	3
112	Metal and Metal Oxide Nanoparticles: A Lever for C□H Functionalization. *ACS Catalysis*, **2016**, 6, 3537-3552	13.1	67
111	Bimetallic Nanoparticles in Ionic Liquids: Synthesis and Catalytic Applications **2016**, 125-146		1
110	Palladium nanoparticles stabilised by cinchona-based alkaloids in glycerol: efficient catalysts for surface assisted processes. *RSC Advances*, **2016**, 6, 93205-93216	3.7	21
109	Synthesis of Chiral Functionalised Cyclobutylpyrrolidines and Cyclobutylamino Alcohols from (□)-(S)-Verbenone □Applications in the Stabilisation of Ruthenium Nanocatalysts. *European Journal of Organic Chemistry*, **2015**, 2015, 810-819	3.2	10
108	High catalytic efficiency of palladium nanoparticles immobilized in a polymer membrane containing poly(ionic liquid) in Suzuki□Miyaura cross-coupling reaction. *Journal of Membrane Science*, **2015**, 492, 331-339	9.6	46
107	Palladium nanoparticles stabilised by PTA derivatives in glycerol: Synthesis and catalysis in a green wet phase. *Catalysis Communications*, **2015**, 63, 47-51	3.2	19
106	Metal-Free Intermolecular Azide-Alkyne Cycloaddition Promoted by Glycerol. *Chemistry - A European Journal*, **2015**, 21, 18706-10	4.8	21
105	Tuning the hydrogen donor/acceptor behavior of ionic liquids in Pd-catalyzed multi-step reactions. *Catalysis Communications*, **2015**, 63, 56-61	3.2	9
104	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	5.2	39
103	Triazolium Salts as Appropriate Catalytic Scaffolds for 1,4-Additions to □,□-Unsaturated Carbonyls. *European Journal of Organic Chemistry*, **2014**, 2014, 2160-2167	3.2	8

102	Efficient Palladium Catalysts Containing Original Imidazolium-Tagged Chiral Diamidophosphite Ligands for Asymmetric Allylic Substitutions in Neat Ionic Liquid. *Organometallics*, **2014**, 33, 771-779	3.8	19
101	Unexpected bond activations promoted by palladium nanoparticles. *Dalton Transactions*, **2014**, 43, 9038-44	4.5	11
100	Copper-Catalyzed Coupling of N-Tosylhydrazones with Amines: Synthesis of Fluorene Derivatives. *ACS Catalysis*, **2014**, 4, 4498-4503	13.1	31
99	Heteropolymetallic Complexes Linked to a 9,10-Dihydroanthracenyl Frame. Ruthenium as Active Spectator for Palladium Reactivity. *Organometallics*, **2014**, 33, 1812-1819	3.8	2
98	Glycerol as suitable solvent for the synthesis of metallic species and catalysis. *Chemistry - A European Journal*, **2014**, 20, 10884-93	4.8	43
97	Copper(I) Oxide Nanoparticles in Glycerol: A Convenient Catalyst for Cross-Coupling and Azide–Alkyne Cycloaddition Processes. *ChemCatChem*, **2014**, 6, 2929-2936	5.2	37
96	Hydrogenation Processes at the Surface of Ruthenium Nanoparticles: A NMR Study. *Topics in Catalysis*, **2013**, 56, 1253-1261	2.3	24
95	Palladium Nanoparticles in Glycerol: A Versatile Catalytic System for C?X Bond Formation and Hydrogenation Processes. *Advanced Synthesis and Catalysis*, **2013**, 355, 3648-3660	5.6	52
94	9,10-Dihydroanthracenyl structures: original ligands for the synthesis of polymetallic complexes through selective η-coordination. *Dalton Transactions*, **2013**, 42, 1136-43	4.3	6
93	Polymetallic complexes linked to a single-frame ligand: cooperative effects in catalysis. *Dalton Transactions*, **2013**, 42, 10664-81	4.3	116
92	Glycerol – A Non-Innocent Solvent for Rh-Catalysed Pauson–Khand Carbocyclisations. *European Journal of Inorganic Chemistry*, **2013**, 2013, 5138-5144	2.3	8
91	ortho-(Dimesitylboryl)phenylphosphines: Positive Boryl Effect in the Palladium-Catalyzed Suzuki–Miyaura Coupling of 2-Chloropyridines. *Advanced Synthesis and Catalysis*, **2013**, 355, 2274-2284	5.6	36
90	Synthesis of Platinum–Ruthenium Nanoparticles under Supercritical CO2 and their Confinement in Carbon Nanotubes: Hydrogenation Applications. *ChemCatChem*, **2012**, 4, 118-122	5.2	40
89	Metallic Nanoparticles in Ionic Liquids – Applications in Catalysis **2012**, 203-249		7
88	(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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2881		3
87	Tris([η(5)-cyclo-penta-dien-yl)-tris-[[η(6)-[9,10-dihydro-anthracene-9,10-endo-3R,4R(N-benz-yl)pyrrolidine]]triruthenium(II) tris-(hexa-fluoro-phosphate) acetone disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1313-4		3
86	A new insight into ortho-(dimesitylboryl)diphenylphosphines: applications in Pd-catalyzed Suzuki-Miyaura couplings and evidence for secondary η-interaction. *Chemical Communications*, **2011**, 47, 8163-5	5.8	51
85	A smart palladium catalyst in ionic liquid for tandem processes. *Physical Chemistry Chemical Physics*, **2011**, 13, 13579-84	3.6	30

84	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. *Chemical Communications*, **2011**, 47, 7869-71	5.8	18
83	An overview of chiral molybdenum complexes applied in enantioselective catalysis. *Catalysis Science and Technology*, **2011**, 1, 1109	5.5	27
82	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	5.2	59
81	Rhodium complexes containing chiral P-donor ligands as catalysts for asymmetric hydrogenation in non conventional media. *Catalysis Letters*, **2011**, 141, 808-816	2.8	13
80	Chiral Cationic [Cp?Mo(CO)2(NCMe)]+ Species Catalyst Precursors for Olefin Epoxidation with H2O2 and tert-Butyl Hydroperoxide. *European Journal of Inorganic Chemistry*, **2011**, 2011, 666-673	2.3	38
79	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	5.1	28
78	New bicyclic phosphorous ligands: synthesis, structure and catalytic applications in ionic liquids. *Tetrahedron*, **2011**, 67, 421-428	2.4	21
77	Palladium Nanoparticles Applied in Organic Synthesis as Catalytic Precursors. *Current Organic Chemistry*, **2011**, 15, 3127-3174	1.7	72
76	Unexpected activation of carbon-bromide bond promoted by palladium nanoparticles in Suzuki C-C couplings. *Dalton Transactions*, **2010**, 39, 9719-26	4.3	35
75	Imidazolium-based ionic liquids immobilized on solid supports: effect on the structure and thermostability. *Dalton Transactions*, **2010**, 39, 7565-8	4.3	38
74	Stabilization of Pd, Pt and Ru nanoparticles by optically active CO/styrene copolymers. *Inorganic Chemistry Communication*, **2010**, 13, 766-768	3.1	4
73	Norbornene Bidentate Ligands: Coordination Chemistry and Enantioselective Catalytic Applications. *European Journal of Inorganic Chemistry*, **2010**, 2010, 758-766	2.3	3
72	Ruthenium nanoparticles supported on multi-walled carbon nanotubes: Highly effective catalytic system for hydrogenation processes. *Journal of Molecular Catalysis A*, **2010**, 332, 106-112		31
71	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	2.3	17
70	95Mo NMR: a useful tool for structural studies in solution. *Magnetic Resonance in Chemistry*, **2009**, 47, 573-7	2.1	13
69	New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. *Tetrahedron: Asymmetry*, **2009**, 20, 1009-1014		16
68	Palladium and ruthenium nanoparticles: Reactivity and coordination at the metallic surface. *Comptes Rendus Chimie*, **2009**, 12, 533-545	2.7	25
67	Ruthenium and rhodium nanoparticles as catalytic precursors in supercritical carbon dioxide. *Catalysis Today*, **2009**, 148, 398-404	5.3	28

66	A Single Catalyst for Sequential Reactions: Dual Homogeneous and Heterogeneous Behavior of Palladium Nanoparticles in Solution. *ChemCatChem*, **2009**, 1, 244-246	5.2	43
65	Cyclometallation of amino-imines on palladium complexes. The effect of the solvent on the experimental and calculated mechanism. *Dalton Transactions*, **2009**, 8292-300	4.3	26
64	A new and specific mode of stabilization of metallic nanoparticles. *Chemical Communications*, **2008**, 3296-8	5.8	75
63	Supported ionic liquid phase catalysis on functionalized carbon nanotubes. *Chemical Communications*, **2008**, 4201-3	5.8	68
62	An outstanding palladium system containing a C2-symmetrical phosphite ligand for enantioselective allylic substitution processes. *Chemical Communications*, **2008**, 6197-9	5.8	28
61	Palladium nanoparticles immobilized in ionic liquid: An outstanding catalyst for the Suzuki C□□ coupling. *Catalysis Communications*, **2008**, 9, 273-275	3.2	75
60	Stereo-specific synthesis of hydroanthracene-dicarboximides. *Tetrahedron Letters*, **2008**, 49, 6720-6723	2	12
59	DOSY technique applied to palladium nanoparticles in ionic liquids. *Magnetic Resonance in Chemistry*, **2008**, 46, 739-43	2.1	20
58	An Overview of Palladium Nanocatalysts: Surface and Molecular Reactivity. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3577-3586	2.3	178
57	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	5.6	55
56	Molybdenum(VI)-catalysed olefin epoxidation: Structure and reactivity study. *Inorganica Chimica Acta*, **2008**, 361, 2740-2746	2.7	21
55	Metal Nanoparticles Dispersed in Solution: Tests to Identify the Catalyst Nature **2008**, 427-436		1
54	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. *Inorganic Chemistry*, **2007**, 46, 5381-9	5.1	17
53	Cyclopropanation of Cyclohexenone by Diazomethane Catalyzed by Palladium Diacetate:□Evidence for the Formation of Palladium(0) Nanoparticles. *Organometallics*, **2007**, 26, 3306-3314	3.8	34
52	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	2.9	18
51	Phosphinooxazolines Derived from 3-Amino-1,2-diols: Highly Efficient Modular P-N Ligands. *Advanced Synthesis and Catalysis*, **2007**, 349, 2265-2278	5.6	34
50	Palladium Catalytic Species Containing Chiral Phosphites: Towards a Discrimination between Molecular and Colloidal Catalysts. *Advanced Synthesis and Catalysis*, **2007**, 349, 2459-2469	5.6	66
49	First Allylpalladium Systems Containing Chiral Imidazolylpyridine Ligands □Structural Studies and Catalytic Behaviour. *European Journal of Inorganic Chemistry*, **2007**, 2007, 132-139	2.3	8

48	The Spectroscopic, Electrochemical and Structural Characterization of a Family of Ru Complexes Containing the C2-Symmetric Didentate Chiral 1,3-Oxazoline Ligand and Their Catalytic Activity. *European Journal of Inorganic Chemistry*, **2007**, 2007, 5207-5214	2.3	15
47	Ionic liquids as a medium for enantioselective catalysis. *Comptes Rendus Chimie*, **2007**, 10, 152-177	2.7	98
46	Palladium catalyzed Suzuki C-C couplings in an ionic liquid: nanoparticles responsible for the catalytic activity. *Dalton Transactions*, **2007**, 5572-81	4.3	89
45	Atropisomeric discrimination in new Ru(II) complexes containing the C(2)-symmetric didentate chiral phenyl-1,2-bisoxazolinic ligand. *Chemistry - A European Journal*, **2006**, 12, 2798-807	4.8	30
44	Synthesis, characterization and catalytic reactivity of ruthenium nanoparticles stabilized by chiral N-donor ligands. *New Journal of Chemistry*, **2006**, 30, 115-122	3.6	106
43	Allylic Alkylations Catalyzed by Palladium Systems Containing Modular Chiral Dithioethers. A Structural Study of the Allylic Intermediates. *Organometallics*, **2005**, 24, 3946-3956	3.8	33
42	Kinetico-mechanistic studies of C-H bond activation on new Pd complexes containing N,NRchelating ligands. *Dalton Transactions*, **2005**, 123-32	4.3	39
41	Ruthenium Complexes Containing Chiral N-Donor Ligands as Catalysts in Acetophenone Hydrogen Transfer □New Amino Effect on Enantioselectivity. *European Journal of Inorganic Chemistry*, **2005**, 2005, 4341-4351	2.3	20
40	Influence of organic ligands on the stabilization of palladium nanoparticles. *Journal of Organometallic Chemistry*, **2004**, 689, 4601-4610	2.3	161
39	Structural Studies of Mono- and Dimetallic MoVI Complexes □A New Mechanistic Contribution in Catalytic Olefin Epoxidation Provided by Oxazoline Ligands. *European Journal of Inorganic Chemistry*, **2004**, 2004, 4278-4285	2.3	71
38	Novel ferrocenyl-oxazoline ligands: first preparation of non-symmetrical bis(oxazoline). *Polyhedron*, **2004**, 23, 611-616	2.7	2
37	Exo- and Endocyclic Oxazolinyl□Phosphane Palladium Complexes:□Catalytic Behavior in Allylic Alkylation Processes. *Organometallics*, **2004**, 23, 3197-3209	3.8	34
36	A case for enantioselective allylic alkylation catalyzed by palladium nanoparticles. *Journal of the American Chemical Society*, **2004**, 126, 1592-3	16.4	274
35	Chiral thioether ligands: coordination chemistry and asymmetric catalysis. *Coordination Chemistry Reviews*, **2003**, 242, 159-201	23.2	172
34	Novel super-structures resulting from the coordination of chiral oxazolines on platinum nanoparticles. *New Journal of Chemistry*, **2003**, 27, 114-120	3.6	37
33	Intramolecular allyl transfer reaction from allyl ether to aldehyde groups: experimental and theoretical studies. *Chemistry - A European Journal*, **2002**, 8, 664-72	4.8	15
32	Modular bis(oxazoline) ligands for palladium catalyzed allylic alkylation: unprecedented conformational behaviour of a bis(oxazoline) palladium eta3-1,3-diphenylallyl complex. *Chemistry - A European Journal*, **2002**, 8, 4164-78	4.8	74
31	Catalytic reduction of acetophenone with transition metal systems containing chiral bis(oxazolines). *Journal of Organometallic Chemistry*, **2002**, 659, 186-195	2.3	22

30	Cyclopalladation of N?N? donor ligands: unusual dinuclear complexes and their solution behaviour. *Inorganic Chemistry Communication*, **2002**, 5, 67-70	3.1	12
29	Bis(oxazoline) Ligands Containing Four and Five Spacer Atoms: Palladium Complexes and Catalytic Behavior. *Organometallics*, **2002**, 21, 1077-1087	3.8	41
28	Chiral S,S-donor ligands in palladium-catalysed allylic alkylation. *Tetrahedron: Asymmetry*, **2001**, 12, 1469-1474		27
27	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity. *European Journal of Inorganic Chemistry*, **2001**, 2001, 1071-1076	2.3	50
26	Diphosphites as a promising new class of ligands in Pd-catalysed asymmetric allylic alkylation. *Chemical Communications*, **2001**, 1132-1133	5.8	47
25	Palladium complexes containing bis(oxazolines): stoichiometric versus catalytic allylic alkylation. *Dalton Transactions RSC*, **2001**, 1432-1439		13
24	First Dioxomolybdenum(VI) Complexes Containing Chiral Oxazoline Ligands: Synthesis, Characterization and Catalytic Activity **2001**, 2001, 1071		2
23	Mechanisms of Cyclopalladation Reactions in Acetic Acid: Not So Simple One-Pot Processes. *European Journal of Inorganic Chemistry*, **2000**, 2000, 217-224	2.3	45
22	Palladium Complexes with Chiral Oxazoline Ligands. Effect of Chelate Size on Catalytic Allylic Substitutions. *Organometallics*, **2000**, 19, 966-978	3.8	37
21	Electrochemical cleavage of allyl aryl ethers and allylation of carbonyl compounds: umpolung of allyl-palladium species. *Tetrahedron Letters*, **1999**, 40, 5685-5688	2	23
20	Coordination chemistry of oxazoline ligands. *Coordination Chemistry Reviews*, **1999**, 193-195, 769-835	23.2	191
19	New Chiral Tetradentate Oxazolinylphosphine Ligands for Nickel and Palladium. Coordination Behavior and Catalytic Activity in Allylic Alkylations. *Organometallics*, **1999**, 18, 4970-4981	3.8	26
18	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		26
17	Solution behaviour, kinetics and mechanism of the acid-catalysed cyclopalladation of imines*. *Journal of the Chemical Society Dalton Transactions*, **1998**, 37-44		97
16	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	3.8	17
15	Variable-Temperature and -Pressure Kinetics and Mechanism of the Cyclopalladation Reaction of Imines in Aprotic Solvent. *Organometallics*, **1997**, 16, 2539-2546	3.8	140
14	Synthesis and characterization of bis(diphenylphosphino)methanide and -amide complexes of NiII and PdII. Crystal structure of [PdCl(Ph2PNPPh2)(PEt3)]. *Journal of the Chemical Society Dalton Transactions*, **1993**, 221-225		11
13	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	1	6

12	Synthesis and characterization of triazenido and amidino complexes of nickel and palladium. *Polyhedron*, **1993**, 12, 1171-1177	2.7	12
11	Cyclopalladation of N-mesitylbenzylideneamines. Aromatic versus aliphatic carbon-hydrogen bond activation. *Organometallics*, **1992**, 11, 1536-1541	3.8	112
10	Complexes with diimine ligands. Part III. Synthesis, structure and magnetic studies of mixed acetylacetonatecobalt(II) derivatives. *Inorganica Chimica Acta*, **1991**, 181, 51-60	2.7	28
9	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	2.1	3
8	Synthesis and structures of tetranuclear 2-(dimethylamino)ethanethiolato complexes of zinc, cadmium and mercury involving both primary and secondary metal□halogen bonding. *Journal of the Chemical Society Dalton Transactions*, **1991**, 2511-2518		13
7	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	3.8	29
6	Stoichiometric model reactions in olefin hydroformylation by platinum-tin systems. *Organometallics* , **1991**, 10, 4036-4045	3.8	62
5	Complexes with diimine ligands. Part II. Synthesis, structure and magnetic studies of mixed acetylacetonatenickel(II) derivatives. *Inorganica Chimica Acta*, **1990**, 177, 161-166	2.7	18
4	[HFe(CO)4]□as a reagent for the synthesis of tin/iron clusters. Partial crystal structure of (NEt4)2[SnCl2{Fe(CO)4}2]□SnCl4. *Journal of Organometallic Chemistry*, **1990**, 381, 183-189	2.3	6
3	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	5.1	42
2	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	3.8	142
1	Ligand exchange reactions of N-donor ligands in cyclopalladated complexes. *Journal of Organometallic Chemistry*, **1989**, 361, 391-398	2.3	30