

# Piero Mastrorilli

## List of Publications by Citations

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

197 papers	3,925 citations	33 h-index	46 g-index
209 ext. papers	4,283 ext. citations	4.3 avg, IF	5.27 L-index

#	Paper	IF	Citations
197	Hydrogen-bonded semiconducting pigments for air-stable field-effect transistors. <i>Advanced Materials</i> , <b>2013</b> , 25, 1563-9	24	199
196	Suzuki coupling of iodo and bromoarenes catalyzed by chitosan-supported Pd-nanoparticles in ionic liquids. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 752, 1-5	2.3	75
195	Oxidation of benzyl alcohols to aldehydes and ketones under air in water using a polymer supported palladium catalyst. <i>Journal of Molecular Catalysis A</i> , <b>2014</b> , 386, 114-119		72
194	Supported catalysts from polymerizable transition metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 377-395	23.2	71
193	Bridging and Terminal (Phosphanido)platinum Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4835-4850	2.3	66
192	Aerobic oxidation of sulfides catalysed by cobalt(II) complexes under homogeneous and heterogeneous conditions. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 108, 57-62		64
191	Fixation and release of intact E $\pi$ tetrahedra (E=P, As). <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4392-6	16.4	60
190	Anchoring stability and photovoltaic properties of new D(-EA) <sub>2</sub> dyes for dye-sensitized solar cell applications. <i>Dyes and Pigments</i> , <b>2013</b> , 98, 221-231	4.6	60
189	Synthesis and catalytic activity of allyl, methallyl and methyl complexes of nickel(II) and palladium(II) with biphosphine monoxide ligands: oligomerization of ethylene and copolymerization of ethylene and carbon monoxide. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 157, 41-58		60
188	Highly selective hydrogenation of quinolines promoted by recyclable polymer supported palladium nanoparticles under mild conditions in aqueous medium. <i>Applied Catalysis A: General</i> , <b>2014</b> , 481, 89-95	5.1	58
187	How does the presence of impurities change the performance of catalytic systems in ionic liquids? A case study: the Michael addition of acetylacetone to methyl vinyl ketone. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4339-4342		58
186	On the Degradation Process Involving Polyfluorenes and the Factors Governing Their Spectral Stability. <i>Macromolecules</i> , <b>2011</b> , 44, 7977-7986	5.5	57
185	Rhodium(I) catalyzed polymerization of phenylacetylene in ionic liquids. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 184, 73-78		52
184	Polymer supported palladium nanocrystals as efficient and recyclable catalyst for the reduction of nitroarenes to anilines under mild conditions in water. <i>Journal of Molecular Catalysis A</i> , <b>2014</b> , 395, 307-314		51
183	Application of Absciscic Acid (S-ABA) to Crimson Seedless Grape Berries in a Mediterranean Climate: Effects on Color, Chemical Characteristics, Metabolic Profile, and S-ABA Concentration. <i>Journal of Plant Growth Regulation</i> , <b>2013</b> , 32, 491-505	4.7	50
182	One-pot synthesis of aniline derivatives from nitroarenes under mild conditions promoted by a recyclable polymer-supported palladium catalyst. <i>Applied Catalysis A: General</i> , <b>2011</b> , 401, 134-140	5.1	49
181	Polymer supported Nickel nanoparticles as recyclable catalyst for the reduction of nitroarenes to anilines in aqueous medium. <i>Molecular Catalysis</i> , <b>2018</b> , 446, 31-38	3.3	45

180	Chiral Switchable Catalysts for Dynamic Control of Enantioselectivity. <i>ACS Catalysis</i> , <b>2017</b> , 7, 4100-4114	13.1	44
179	A versatile synthesis for new 9,10-bis(4-alkoxyphenyl)-2,7-diiodophenanthrenes: useful precursors for conjugated polymers. <i>Organic Letters</i> , <b>2007</b> , 9, 3149-52	6.2	44
178	Suzuki-Miyaura coupling under air in water promoted by polymer supported palladium nanoparticles. <i>Journal of Molecular Catalysis A</i> , <b>2013</b> , 366, 186-194		43
177	Catalytic activity of a polymerizable tris( $\beta$ -ketoesterate)iron(III) complex towards the oxidation of organic substrates. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 4193-4196	2	43
176	Effects of agronomical practices on chemical composition of table grapes evaluated by NMR spectroscopy. <i>Journal of Food Composition and Analysis</i> , <b>2014</b> , 35, 44-52	4.1	41
175	Performance Assessment in Fingerprinting and Multi Component Quantitative NMR Analyses. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6709-17	7.8	41
174	Aerobic oxidations of unsaturated substrates under mukaiyama's conditions: The role of the metal and of the sacrificial aldehyde. <i>Tetrahedron</i> , <b>1995</b> , 51, 7943-7950	2.4	41
173	Chelating versus bridging bonding modes of N-substituted bis(diphenylphosphanyl)amine ligands in Pt complexes and CoPt clusters. <i>Dalton Transactions</i> , <b>2006</b> , 2342-9	4.3	40
172	Metal catalysed Michael additions in ionic liquids. <i>Chemical Communications</i> , <b>2002</b> , 434-5	5.8	40
171	Stille coupling reactions catalysed by a polymer supported palladium complex. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 131-137	2.3	38
170	: an improved catalyst for the chemoselective hydrogenation of $\alpha,\beta$ -unsaturated ketones. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 3529-3532	2	37
169	Polymerization of phenylacetylene and of p-tolylacetylene catalyzed by $\mu$ -dioxigenato rhodium(I) complexes in homogeneous and heterogeneous phase. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 178, 35-42		36
168	A novel synthetic protocol for poly(fluorenylenevinylene)s: a cascade Suzuki-Miyaura-Heck reaction. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 2555-2558	2	36
167	Fixierung und Freisetzung von intakten E4-Tetraedern (E=P, As). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4467-4472	3.72	35
166	A Polymer-Supported $\beta$ -Ketoesterate Complex of Palladium as an Efficient, Phosphane-Free, Air-Stable, Recyclable Catalyst for the Heck Reaction. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 1094-1099	2.3	35
165	Homogeneous and heterogeneous catalytic oxidation of benzylic and secondary alcohols with a metal dioxigenato complex in the presence of 2-methylpropanal and dioxygen. <i>Journal of Molecular Catalysis A</i> , <b>2001</b> , 165, 135-140		35
164	Girdling, Gibberellic Acid, and Forchlorfenuron: Effects on Yield, Quality, and Metabolic Profile of Table Grape cv. Italia. <i>American Journal of Enology and Viticulture</i> , <b>2014</b> , 65, 381-387	2.2	33
163	Intact P $\beta$ -tetrahedra as terminal and bridging ligands in neutral complexes of manganese. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10887-91	16.4	32

162	Polymer Supported Catalysts Obtained from Metal-Containing Monomers. <i>Current Organic Chemistry</i> , <b>2013</b> , 17, 1236-1273	1.7	32
161	9,10-Ter-anthrylene-ethynylene: a new molecular architecture for solution processed anthracene-based thin film transistors. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 786		31
160	Synthesis, Spectral Stability, and Electroluminescent Properties of Random Poly(2,7-fluorenylenevinylene-co-3,6-carbazolylenevinylene) Obtained by a Suzuki-Miyaura Cascade Reaction. <i>Macromolecules</i> , <b>2007</b> , 40, 4865-4873	5.5	31
159	Assessment and source identification of pollution risk for touristic ports: Heavy metals and polycyclic aromatic hydrocarbons in sediments of 4 marinas of the Apulia region (Italy). <i>Marine Pollution Bulletin</i> , <b>2017</b> , 114, 768-777	6.7	29
158	Harnessing the ortho-directing ability of the azetidine ring for the regioselective and exhaustive functionalization of arenes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12190-200	4.8	29
157	Formation of P-C bond through reductive coupling between bridging phosphido and benzoquinolate groups. Isolation of complexes of the Pt(II)/Pt(IV)/Pt(II) sequence. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12682-96	5.1	29
156	Chloride based ionic liquids as promoting agents for Meerwein reaction in solventless conditions. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 4759-4762	2	29
155	Ionic Liquids as Reaction Media for Palladium-Catalysed Cross-Coupling of Aryldiazonium Tetrafluoroborates with Potassium Organotrifluoroborates. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 582-588	2.3	29
154	New Spiro-Functionalized Polyfluorenes: Synthesis and Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2005</b> , 206, 448-455	2.6	29
153	Synthesis and catalytic activity of organometallic complexes of palladium(II) with bis-phosphine monosulfides towards ethylene/CO copolymerization. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 305, 151-156	2.7	29
152	Shape-control by microwave-assisted hydrothermal method for the synthesis of magnetite nanoparticles using organic additives. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	28
151	Synthesis of Phosphido-Bridged Phosphinito Platinum(II) Complexes by Reaction of cis-PtCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> with Oxygenated Bases [Crystal Structure of [(PCy <sub>2</sub> OMe)Pt(PPh <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (PtPh <sub>3</sub> )]. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4607-4616	2.3	28
150	Laboratory Scale Unit for Photocatalytic Removal of Organic Micropollutants from Water and Wastewater. Methyl Orange Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 2201-2208	3.9	27
149	Unsymmetrical platinum(II) phosphido derivatives: oxidation and reductive coupling processes involving platinum(III) complexes as intermediates. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9069-80	5.1	27
148	Polyacetylenes Bearing Chiral-Substituted Fluorene and Terfluorene Pendant Groups: Synthesis and Properties. <i>Macromolecules</i> , <b>2004</b> , 37, 4488-4495	5.5	27
147	DNA-binding and in vitro cytotoxic activity of platinum(II) complexes of curcumin and caffeine. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 198, 110749	4.2	26
146	Ionic-Liquid-Assisted Metal-Free Oxidative Coupling of Amines To Give Imines. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5925-5931	3.2	26
145	Monodispersed vs. polydispersed systems for bulk heterojunction solar cells: the case of dithienopyrrole/anthracene based materials. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19752		26

144	A recyclable nanoparticle-supported rhodium catalyst for hydrogenation reactions. <i>Molecules</i> , <b>2010</b> , 15, 3311-8	4.8	26
143	Aerobic oxidation of $\alpha$ -hydroxyketones catalysed by cobalt(II) and iron(III) complexes under homogeneous and heterogeneous conditions. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 111, 33-36		26
142	Photocatalytic Degradation of Azo Dyes. Pilot Plant Investigation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 2566-2571	3.9	25
141	Random terpolymers for electroluminescent devices: Synthesis and characterization of new cyano-containing poly(fluorenylene-vinylene)s. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 6051-6063	2.5	25
140	Coupling reactions between acyl chlorides and Grignard reagents in the presence of a supported Fe(III)-complex. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 161, 239-243		25
139	On the use of Ethephon as abscising agent in cv. Crimson Seedless table grape production: combination of Fruit Detachment Force, Fruit Drop and metabolomics. <i>Food Chemistry</i> , <b>2015</b> , 171, 341-50	8.5	24
138	Influence of Keto Groups on the Optical, Electronic, and Electroluminescent Properties of Random Fluorenone-Containing Poly(fluorenylene-vinylene)s. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 20076-20087	3.8	24
137	Reactivity of a phosphinito-bridged Pt(I)-Pt(I) complex with nucleophiles: substitution versus addition. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 4785-95	5.1	24
136	Enhancing dye-sensitized solar cell performances by molecular engineering: highly efficient extended organic sensitizers. <i>ChemSusChem</i> , <b>2014</b> , 7, 2659-69	8.3	23
135	Facile activation of dihydrogen by a phosphinito-bridged Pt(I)-Pt(I) complex. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4752-65	16.4	23
134	Random poly(fluorenylene-vinylene)s containing 3,7-Dibenzothiophene-5,5-dioxide units: Synthesis, photophysical, and electroluminescence properties. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 2093-2104	2.5	23
133	Behavior of neutral phosphido derivatives of platinum and palladium toward silver centers. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10798-809	5.1	22
132	Site selectivity in the protonation of a phosphinito bridged Pt(II)-Pt(II) complex: a combined NMR and density-functional theory mechanistic study. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9779-96	5.1	22
131	Novel bifluorene based conjugated systems: synthesis and properties. <i>Tetrahedron</i> , <b>2006</b> , 62, 627-634	2.4	22
130	A polymer supported palladium(II) $\beta$ -ketoesterate complex as active and recyclable pre-catalyst for selective reduction of quinolines in water with sodium borohydride. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 402, 83-91		20
129	Solution and solid-state dynamics of metal-coordinated white phosphorus. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 11238-50	4.8	20
128	On the Mechanism of Palladium-Catalyzed Cross-Coupling of Diazonium Salts with Aryltrifluoroborates: A Combined ESI-MS/NMR Study. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4645-4652	2.3	20
127	Asymmetric allylic alkylation using a polymer-supported palladium catalyst in the presence of chiral ligands. <i>Journal of Molecular Catalysis A</i> , <b>2003</b> , 201, 131-135		20

- 126 Combining chemometric tools for assessing hazard sources and factors acting simultaneously in contaminated areas. Case study: "Mar Piccolo" Taranto (South Italy). *Chemosphere*, **2017**, 184, 784-794 8.4 19
- 125 Are conventional statistical techniques exhaustive for defining metal background concentrations in harbour sediments? A case study: The Coastal Area of Bari (Southeast Italy). *Chemosphere*, **2015**, 138, 708-17 8.4 19
- 124 Ionic Liquids in Palladium-Catalyzed Cross-Coupling Reactions. *Topics in Organometallic Chemistry*, **2013**, 237-285 0.6 19
- 123 Hydrido phosphanido bridged polynuclear complexes obtained by protonation of a phosphinito bridged Pt(I) complex with HBF<sub>4</sub> and HF. *Inorganic Chemistry*, **2011**, 50, 3539-58 5.1 19
- 122 Synthesis and field-effect properties of  $\pi$ -disubstituted sexithiophenes bearing polar groups. *Journal of Materials Chemistry*, **2006**, 16, 1183 19
- 121 Asymmetric Michael addition promoted by (R,R)-trans-1,2-diaminocyclohexane in ionic liquids. *Journal of Organometallic Chemistry*, **2005**, 690, 3535-3539 2.3 19
- 120 Synthesis of diphenylphosphine palladium complexes. *Inorganica Chimica Acta*, **1999**, 284, 116-118 2.7 19
- 119 Triphenylphosphane Pt(II) complexes containing biologically active natural polyphenols: Synthesis, crystal structure, molecular modeling and cytotoxic studies. *Journal of Inorganic Biochemistry*, **2016**, 163, 346-361 4.2 19
- 118 Identification of hot spots within harbour sediments through a new cumulative hazard index. Case study: Port of Bari, Italy. *Ecological Indicators*, **2016**, 60, 548-556 5.8 18
- 117 Resin-Immobilized Palladium Nanoparticle Catalysts for Organic Reactions in Aqueous Media: Morphological Aspects. *Molecules*, **2015**, 20, 18661-84 4.8 18
- 116 Addition of nucleophiles to phosphanido derivatives of Pt(III): formation of P-C, P-N, and P-O bonds. *Inorganic Chemistry*, **2013**, 52, 11398-408 5.1 18
- 115 Chain-growth versus step-growth mechanisms for the Suzuki-Heck polymerisation of fluorenyldibromides with potassium vinyl trifluoroborate. *Chemistry - A European Journal*, **2010**, 16, 8054-61 4.8 18
- 114 Multinuclear and dynamic NMR study of trans-[Pt(Cl)(PHCy<sub>2</sub>)<sub>2</sub>(PCy<sub>2</sub>)], [Pt(Cl)(PHCy<sub>2</sub>)<sub>3</sub>][BF<sub>4</sub>], [Pt(Cl)(PHCy<sub>2</sub>)<sub>3</sub>][Cl], trans-[Pt(Cl)(PHCy<sub>2</sub>)<sub>2</sub>[P(S)Cy<sub>2</sub>]], and trans-[Pt(Cl)(PHCy<sub>2</sub>)<sub>2</sub>[P(O)Cy<sub>2</sub>]]. Influence of intramolecular P=O...H-P and Cl...H-P interactions on restricted rotation about Pt-P bond. X-ray structure of trans-[Pt(Cl)(PHCy<sub>2</sub>)<sub>2</sub>[P(O)Cy<sub>2</sub>]]. *Inorganic Chemistry*, **2005**, 44, 9097-104 5.1 18
- 113 Aerobic oxidation of trivalent phosphorus and arsenic compounds in the presence of 3-methylbutanal and metal catalyst. *Journal of Molecular Catalysis A*, **1999**, 148, 17-21 18
- 112 Oxidatively induced P-O bond formation through reductive coupling between phosphido and acetylacetonate, 8-hydroxyquinolate, and picolinate groups. *Inorganic Chemistry*, **2013**, 52, 5493-506 5.1 17
- 111 Multinuclear Solid-State NMR and DFT Studies on Phosphanido-Bridged Diplatinum Complexes. *Inorganic Chemistry*, **2015**, 54, 5855-63 5.1 17
- 110 Intakte P<sub>4</sub>-Tetraeder als terminale und verbindende Liganden in neutralen Mangankomplexen. *Angewandte Chemie*, **2013**, 125, 11087-11091 3.6 17
- 109 Oxyfunctionalization of hydrocarbons by in situ formed peracid or by metal assisted aerobic oxidation. *Journal of Molecular Catalysis A*, **1998**, 130, 65-71 17



108	Reactivity of mononuclear Pd(ii) and Pt(ii) complexes containing the primary phosphane (ferrocenylmethyl)phosphane towards metal chlorides and PPh(3). <i>Dalton Transactions</i> , <b>2008</b> , 6005-13	4.3	17
107	Synthesis and homopolymerization of bis[2-(acetylacetoxy)-ethyl methacrylate]copper (II). <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1993</b> , 14, 799-805		17
106	Influence of hydrodynamic features in the transport and fate of hazard contaminants within touristic ports. Case study: Torre a Mare (Italy). <i>Heliyon</i> , <b>2018</b> , 4, e00494	3.6	16
105	Esterification, transesterification and hydrogenation reactions of polyunsaturated compounds catalyzed by a recyclable polymer supported palladium catalyst. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 818, 106-114	2.3	16
104	Reactivity of (ferrocenylmethyl)phosphine toward palladium and platinum chlorides. X-ray structure of [Pd(PH <sub>2</sub> CH <sub>2</sub> Fc)Cl( $\mu$ -PHCH <sub>2</sub> Fc)] <sub>4</sub> (Fc = ferrocenyl), a unique complex containing a Pd <sub>4</sub> P <sub>4</sub> cycle. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 6892-900	5.1	16
103	Enhancing the performance of hazard indexes in assessing hot spots of harbour areas by considering hydrodynamic parameters. <i>Ecological Indicators</i> , <b>2017</b> , 73, 38-45	5.8	15
102	Solution processable ter-anthrylene-ethynylenes semiconductors: thin film transistor properties and STM study on HOPG and Au(111). <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 2448		15
101	Dynamic behaviour of Ru and Ru-Pt complexes containing tetrahedro-P <sub>4</sub> ligand. <i>Dalton Transactions</i> , <b>2011</b> , 40, 9668-71	4.3	15
100	Synthesis, dynamic behavior, and reactivity of new unsaturated heterotrinnuclear 46 valence electron complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 285-98	5.1	15
99	Aerobic oxidative cleavage of pinanediols by cobalt(II) acetylacetonate in the presence of 2-methylpropanal. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 156, 279-281		15
98	A greener and efficient access to substituted four- and six-membered sulfur-bearing heterocycles. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 5000-5015	3.9	14
97	A Borane Platinum Complex Undergoing Reversible Hydride Migration in Solution. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 1398-1407	5.1	14
96	Dinuclear and tetranuclear copper(I) iodide complexes with P and P <sup>^</sup> N donor ligands: Structural and photoluminescence studies. <i>Polyhedron</i> , <b>2018</b> , 154, 217-228	2.7	14
95	Synthesis and reactivity of the unsaturated trinuclear phosphanido complex [(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Pt( $\eta$ -PPh <sub>2</sub> ) <sub>2</sub> Pt( $\eta$ -PPh <sub>2</sub> ) <sub>2</sub> Pt(PPh <sub>3</sub> )]. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1942-53	5.1	14
94	Solution processed ter-anthrylene-ethynylenes for annealing-activated organic field-effect transistors: a structure-performance correlation study. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 15186		14
93	Influencing the Spectral Stability and the Electroluminescence Behavior of New Blue-Emitting Bifluorene-Based Materials by the 7,7-Functionalization of the Core. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 7005-7014	3.8	14
92	(Phosphido)platinum Complexes by Sodium-Promoted Reaction of cis-PtCl <sub>2</sub> (P(Cy <sub>2</sub> H) <sub>2</sub> ) <sub>2</sub> [Synthesis and Crystal Structure of [trans-Pt(P(Cy <sub>2</sub> H) <sub>2</sub> ) <sub>2</sub> (P(Cy <sub>2</sub> H) <sub>2</sub> )Cl], a Rare Example of a Terminal (Phosphido)platinum(II) Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 1210-1218	2.3	14
91	Regioselective aerobic oxidation of bis-sulfides into monosulfoxides. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 151, 61-69		14

90	A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 530-541	3.4	14
89	Uncovering Intramolecular $\pi$ -Type Hydrogen Bonds in Solution by NMR Spectroscopy and DFT Calculations. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7964-9	4.8	13
88	A combined approach for characterisation of fresh and brined vine leaves by X-ray powder diffraction, NMR spectroscopy and direct infusion high resolution mass spectrometry. <i>Food Chemistry</i> , <b>2013</b> , 141, 1908-15	8.5	13
87	A linear triplatinum tetrahydride complex featuring two Pt-Pt bonds. <i>Dalton Transactions</i> , <b>2008</b> , 4555-7	4.3	13
86	Tri- and Tetranuclear Homo- and Heterometallic Clusters as Precatalysts for the Pauson-Khand Reaction. <i>Organometallics</i> , <b>2008</b> , 27, 741-746	3.8	13
85	(Diphosphane monosulfide)platinum(II) Complexes for Hydroformylation Reactions: Their Catalytic Activity and a High-Pressure NMR Mechanistic Study. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 2268-2276	2.3	13
84	Synthesis and Carbonylation of Platinum(II) Organometallic Complexes with Bis(phosphanyl) Monosulfides [Crystal Structures of $[\text{P},\text{S}-\{\text{Ph}_2\text{CH}_2\text{P}(\text{S})\text{Ph}_2\}\text{Pt}(\text{CH}_3)(\text{Cl})]$ and $[\text{P},\text{S}-\{\text{Ph}_2\text{CH}_2\text{CH}_2\text{P}(\text{S})\text{Ph}_2\}\text{Pt}-(\text{CH}_3)]_2[\text{BF}_4]_2$ . <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1234-1242	2.3	13
83	Hydrogenation of organic substrates by isocyanide polymer-bound Rh(PPh <sub>3</sub> ) <sub>3</sub> Cl. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 109, 113-117		13
82	Aerobic epoxidation of hindered olefins and enol ethers catalyzed by a polymerizable $\beta$ -ketoesterate complex of iron(III). <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 3633-3636	2	13
81	Mild and efficient synthesis of secondary aromatic amines by one-pot stepwise reductive amination of arylaldehydes with nitroarenes promoted by reusable nickel nanoparticles. <i>Molecular Catalysis</i> , <b>2019</b> , 476, 110507	3.3	12
80	All-donor poly(arylene-ethynylene)s containing anthracene and silole-based units: Synthesis, electronic, and photovoltaic properties. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 4860-4872	2.5	12
79	Monodispersed molecular donors for bulk hetero-junction solar cells: from molecular properties to device performances. <i>Chemical Communications</i> , <b>2010</b> , 46, 6273-5	5.8	12
78	Synthesis and optical behaviour of monodispersed oligo(fluorenylidene)s. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 2078-2082	2	12
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73	Double addition of phenylacetylene onto the mixed bridge phosphinito-phosphanido Pt(i) complex $[(\text{PHCy})\text{Pt}(\text{PCy})\{\text{P},\text{O}-\text{P}(\text{O})\text{Cy}\}\text{Pt}(\text{PHCy})]$ (Pt-Pt). <i>Dalton Transactions</i> , <b>2020</b> , 49, 6776-6789	4.3	10



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