

# Marta Iglesias

## List of Publications by Citations

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#	Paper	IF	Citations
184	Catalysis by gold(I) and gold(III): a parallelism between homo- and heterogeneous catalysts for copper-free Sonogashira cross-coupling reactions. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 1536-8	16.4	262
183	In <sub>2</sub> (OH) <sub>3</sub> (BDC)(1.5) (BDC = 1,4-benzendicarboxylate): an In(III) supramolecular 3D framework with catalytic activity. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2429-32	5.1	203
182	Novel 2D and 3D Indium Metal-Organic Frameworks: Topology and Catalytic Properties <i>Chemistry of Materials</i> , <b>2005</b> , 17, 2568-2573	9.6	179
181	Layered rare-earth hydroxides: a class of pillared crystalline compounds for intercalation chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7998-8001	16.4	178
180	An Indium Layered MOF as Recyclable Lewis Acid Catalyst. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 72-76	9.6	170
179	Gold catalyzes the Sonogashira coupling reaction without the requirement of palladium impurities. <i>Chemical Communications</i> , <b>2011</b> , 47, 1446-8	5.8	150
178	Single-site homogeneous and heterogenized gold(III) hydrogenation catalysts: mechanistic implications. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 4756-65	16.4	145
177	New Heterogenized Gold(I)-Heterocyclic Carbene Complexes as Reusable Catalysts in Hydrogenation and Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2006</b> , 348, 1899-1907	5.6	141
176	A Rare-Earth MOF Series: Fascinating Structure, Efficient Light Emitters, and Promising Catalysts. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 378-380	3.5	140
175	Gold nanoparticles and gold(III) complexes as general and selective hydrosilylation catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7820-2	16.4	138
174	Bifunctional iridium-(2-aminoterephthalate)Zr-MOF chemoselective catalyst for the synthesis of secondary amines by one-pot three-step cascade reaction. <i>Journal of Catalysis</i> , <b>2013</b> , 299, 137-145	7.3	136
173	Heterogenized Gold Complexes: Recoverable Catalysts for Multicomponent Reactions of Aldehydes, Terminal Alkynes, and Amines. <i>ACS Catalysis</i> , <b>2012</b> , 2, 399-406	13.1	136
172	Metal-Organic Scandium Framework: Useful Material for Hydrogen Storage and Catalysis. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5837-5842	9.6	135
171	Controlling the Structure of Arenedisulfonates toward Catalytically Active Materials. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 655-661	9.6	134
170	Rare earth arenedisulfonate metal-organic frameworks: an approach toward polyhedral diversity and variety of functional compounds. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3475-84	5.1	130
169	Synthesis of Structured Porous Polymers with Acid and Basic Sites and Their Catalytic Application in Cascade-Type Reactions. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 981-988	9.6	125
168	Tunable catalytic activity of solid solution metal-organic frameworks in one-pot multicomponent reactions. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6132-5	16.4	122

167	Enantioselective hydrogenation of alkenes and imines by a gold catalyst. <i>Chemical Communications</i> , <b>2005</b> , 3451-3	5.8	120
166	Conjugated Microporous Polymers Incorporating BODIPY Moieties as Light-Emitting Materials and Recyclable Visible-Light Photocatalysts. <i>Macromolecules</i> , <b>2016</b> , 49, 1666-1673	5.5	117
165	Gold (I) and (III) catalyze Suzuki cross-coupling and homocoupling, respectively. <i>Journal of Catalysis</i> , <b>2006</b> , 238, 497-501	7.3	115
164	New rhodium complexes anchored on modified USY zeolites. A remarkable effect of the support on the enantioselectivity of catalytic hydrogenation of prochiral alkenes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1991</b> , 1253-1255		110
163	Reversible breaking and forming of metal-ligand coordination bonds: temperature-triggered single-crystal to single-crystal transformation in a metal-organic framework. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4896-905	4.8	107
162	Homogeneous and heterogenized Au(III) Schiff base-complexes as selective and general catalysts for self-coupling of aryl boronic acids. <i>Chemical Communications</i> , <b>2005</b> , 1990-2	5.8	106
161	Rare-earths as catalytic centres in organo-inorganic polymeric frameworks. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 2683		104
160	Pd(II)-Schiff Base Complexes Heterogenised on MCM-41 and Delaminated Zeolites as Efficient and Recyclable Catalysts for the Heck Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2004</b> , 346, 1758-1764	5.6	103
159	Cu and Au metal-organic frameworks bridge the gap between homogeneous and heterogeneous catalysts for alkene cyclopropanation reactions. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 9789-95	4.8	102
158	Optically active complexes of transition metals (RhI, RuII, CoII and NiII) with 2-aminocarbonylpyrrolidine ligands. Selective catalysts for hydrogenation of prochiral olefins. <i>Journal of Organometallic Chemistry</i> , <b>1992</b> , 431, 233-246	2.3	102
157	Hybrid organic/inorganic catalysts: a cooperative effect between support, and palladium and nickel salen complexes on catalytic hydrogenation of imines. <i>Journal of Catalysis</i> , <b>2004</b> , 224, 170-177	7.3	101
156	Gold complexes as catalysts: Chemoselective hydrogenation of nitroarenes. <i>Applied Catalysis A: General</i> , <b>2009</b> , 356, 99-102	5.1	100
155	Lanthanide metal-organic frameworks: searching for efficient solvent-free catalysts. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11349-55	5.1	93
154	Efficient synthesis of vinyl and alkyl sulfides via hydrothiolation of alkynes and electron-deficient olefins using soluble and heterogenized gold complexes catalysts. <i>Applied Catalysis A: General</i> , <b>2010</b> , 375, 49-54	5.1	89
153	Large pore Ti-zeolites and mesoporous Ti-silicalites as catalysts for selective oxidation of organic sulfides. <i>Catalysis Letters</i> , <b>1996</b> , 39, 153-156	2.8	89
152	Bifunctional Metal Organic Framework Catalysts for Multistep Reactions: MOF-Cu(BTC)-[Pd] Catalyst for One-Pot Heteroannulation of Acetylenic Compounds. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1347-1355	5.6	88
151	A Mesoporous Indium Metal-Organic Framework: Remarkable Advances in Catalytic Activity for Strecker Reaction of Ketones. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 9089-92	16.4	85
150	Catalysis by Gold(I) and Gold(III): A Parallelism between Homo- and Heterogeneous Catalysts for Copper-Free Sonogashira Cross-Coupling Reactions. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 1558-1560	3.6	85

149	Synthesis of Electron-Rich CNN-Pincer Complexes, with N-Heterocyclic Carbene and (S)-Proline Moieties and Application to Asymmetric Hydrogenation. <i>Organometallics</i> , <b>2010</b> , 29, 134-141	3.8	84
148	Pincer-type Pyridine-Based N-Heterocyclic Carbene Amine Ru(II) Complexes as Efficient Catalysts for Hydrogen Transfer Reactions. <i>Organometallics</i> , <b>2011</b> , 30, 2180-2188	3.8	83
147	Stabilization of Au(III) on heterogeneous catalysts and their catalytic similarities with homogeneous Au(III) metal organic complexes. <i>Applied Catalysis A: General</i> , <b>2005</b> , 291, 247-252	5.1	82
146	3D scandium and yttrium arenesulfonate MOF materials as highly thermally stable bifunctional heterogeneous catalysts. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 6504		77
145	One teflon-like channelled nanoporous polymer with a chiral and new uninodal 4-connected net: sorption and catalytic properties. <i>Chemical Communications</i> , <b>2005</b> , 1291-3	5.8	74
144	Synthesis of p-cymene from limonene, a renewable feedstock. <i>Applied Catalysis B: Environmental</i> , <b>2008</b> , 81, 218-224	21.8	73
143	From rational octahedron design to reticulation serendipity. A thermally stable rare earth polymeric disulfonate family with CdI <sub>2</sub> -like structure, bifunctional catalysis and optical properties. <i>Chemical Communications</i> , <b>2002</b> , 1366-1367	5.8	73
142	New chiral ligands bearing two N-heterocyclic carbene moieties at a dioxolane backbone. Gold, palladium and rhodium complexes as enantioselective catalysts. <i>Chemical Communications</i> , <b>2010</b> , 46, 3001-3	5.8	72
141	Group 13th metal-organic frameworks and their role in heterogeneous catalysis. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 335, 1-27	23.2	69
140	Heterogenized Gold(I), Gold(III), and Palladium(II) Complexes for C-C Bond Reactions. <i>Synlett</i> , <b>2007</b> , 2007, 1771-1774	2.2	68
139	From Coordinatively Weak Ability of Constituents to Very Stable Alkaline-Earth Sulfonate Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1750-1758	3.5	67
138	Immobilization of (NHC)NN-Pincer Complexes on Mesoporous MCM-41 Support. <i>Organometallics</i> , <b>2010</b> , 29, 4491-4498	3.8	67
137	Preparation of new chiral dioxomolybdenum complexes heterogenised on modified USY-zeolites efficient catalysts for selective epoxidation of allylic alcohols. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 107, 225-234		67
136	Soluble Gold and Palladium Complexes Heterogenized on MCM-41 Are Effective and Versatile Catalysts. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1107-1115	2.3	66
135	Synthesis and characterization of new chiral Rh(I) complexes with N, N <sup>2</sup> -, and N, P-ligands. A study of anchoring on the modified zeolites and catalytic properties of heterogenized complexes. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 492, 11-21	2.3	66
134	Conjugate addition of diethylzinc to enones catalyzed by homogeneous and supported chiral Ni-complexes. Cooperative effect of the support on enantioselectivity. <i>Tetrahedron: Asymmetry</i> , <b>1992</b> , 3, 845-848		63
133	Heterogeneous Catalysis with Alkaline-Earth Metal-Based MOFs: A Green Calcium Catalyst. <i>ChemCatChem</i> , <b>2010</b> , 2, 147-149	5.2	61
132	Improved Palladium and Nickel Catalysts Heterogenised on Oxidic Supports (Silica, MCM-41, ITQ-2, ITQ-6). <i>Advanced Synthesis and Catalysis</i> , <b>2004</b> , 346, 1316-1328	5.6	61

131	New Pyridine ONN-Pincer Gold and Palladium Complexes: Synthesis, Characterization and Catalysis in Hydrogenation, Hydrosilylation and C-C Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2007</b> , 349, 2470-2476	5.6	60
130	Chiral dioxomolybdenum(VI) and oxovanadium(V) complexes anchored on modified USY-zeolite and mesoporous MCM-41 as solid selective catalysts for oxidation of sulfides to sulfoxides or sulfones. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 211, 227-235		59
129	Large pore bifunctional titanium-aluminosilicates: the inorganic non-enzymatic version of the epoxidase conversion of linalool to cyclic ethers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1635-1636		59
128	A new scandium metal organic framework built up from octadecasil zeolitic cages as heterogeneous catalyst. <i>Chemical Communications</i> , <b>2009</b> , 2393-5	5.8	58
127	Isolated Hexanuclear Hydroxo Lanthanide Secondary Building Units in a Rare-Earth Polymeric Framework Based on p-Sulfonatocalix[4]arene. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 128-134	3.5	57
126	Mixed lanthanide succinate-sulfate 3D MOFs: catalysts in nitroaromatic reduction reactions and emitting materials. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 1191-1198		56
125	Post-functionalized iridium-Zr-MOF as a promising recyclable catalyst for the hydrogenation of aromatics. <i>Green Chemistry</i> , <b>2014</b> , 16, 3522-3527	10	52
124	Palladium-heterogenized porous polyimide materials as effective and recyclable catalysts for reactions in water. <i>Green Chemistry</i> , <b>2015</b> , 17, 466-473	10	50
123	One-Pot Multifunctional Catalysis with NNN-Pincer Zr-MOF: Zr Base Catalyzed Condensation with Rh-Catalyzed Hydrogenation. <i>ChemCatChem</i> , <b>2013</b> , 5, 3092-3100	5.2	50
122	Recyclable mesoporous silica-supported chiral ruthenium-(NHC)NN-pincer catalysts for asymmetric reactions. <i>Green Chemistry</i> , <b>2011</b> , 13, 2471	10	50
121	First high thermally stable organo-inorganic 3D polymer scandium derivative as a heterogeneous Lewis acid catalyst. <i>Chemical Communications</i> , <b>2003</b> , 346-7	5.8	50
120	Mono-functionalization of porous aromatic frameworks to use as compatible heterogeneous catalysts in one-pot cascade reactions. <i>Applied Catalysis A: General</i> , <b>2014</b> , 469, 206-212	5.1	49
119	Synthesis of bifunctional Au-Sn organic-inorganic catalysts for acid-free hydroamination reactions. <i>Chemical Communications</i> , <b>2008</b> , 6218-20	5.8	49
118	2D and 3D supramolecular structures via hydrogen bonds and pi-stacking interactions in arylsulfonates of nickel and cobalt. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 9680-7	5.1	49
117	Design of a Bifunctional Ir-Zr Based Metal-Organic Framework Heterogeneous Catalyst for the N-Alkylation of Amines with Alcohols. <i>ChemCatChem</i> , <b>2014</b> , 6, 1794-1800	5.2	46
116	Indium metal-organic frameworks as catalysts in solvent-free cyanosilylation reaction. <i>CrystEngComm</i> , <b>2013</b> , 15, 9562	3.3	46
115	A Germanium Zeotype Containing Intratunnel Transition Metal Complexes. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2436-2439	16.4	45
114	Chiral Germanium Zeotype with Interconnected 8-, 11-, and 11-Ring Channels. Catalytic Properties. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 594-599	9.6	44

113	From homogeneous to heterogeneous catalysis: zeolite supported metal complexes with C2-multidentate nitrogen ligands. Application as catalysts for olefin hydrogenation and cyclopropanation reactions. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 655, 134-145	2.3	44
112	A deprotection strategy of a BODIPY conjugated porous polymer to obtain a heterogeneous (dipyrrin)(bipyridine)ruthenium(II) visible light photocatalyst. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 17274-17278	13	43
111	Insight into the Correlation between Net Topology and Ligand Coordination Mode in New Lanthanide MOFs Heterogeneous Catalysts: A Theoretical and Experimental Approach. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5535-5545	3.5	41
110	Photoluminescence, Unconventional-Range Temperature Sensing, and Efficient Catalytic Activities of Lanthanide Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1577-1588	2.3	40
109	H <sub>3</sub> O <sup>2+</sup> bridging ligand in a metal-organic framework. Insight into the aqua-hydroxo<-hydroxyl equilibrium: a combined experimental and theoretical study. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5782-92	16.4	40
108	New Mn(II) and Cu(II) chiral C2-multidentate complexes immobilised in zeolites (USY, MCM41). <i>Journal of Molecular Catalysis A</i> , <b>2003</b> , 194, 137-152		39
107	Postfunctionalized Porous Polymeric Aromatic Frameworks with an Organocatalyst and a Transition Metal Catalyst for Tandem Condensation-Hydrogenation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 1078-1084	8.3	36
106	Thermal response, catalytic activity, and color change of the first hybrid vanadate containing Bpe guest molecules. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2615-26	5.1	36
105	Gold Nanoparticles and Gold(III) Complexes as General and Selective Hydrosilylation Catalysts. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7966-7968	3.6	36
104	Approaches to the synthesis of heterogenised metalloporphyrins: Application of new materials as electrocatalysts for oxygen reduction. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 246, 109-117		36
103	MCM-41 Heterogenized Chiral Amines as Base Catalysts for Enantioselective Michael Reaction. <i>Catalysis Letters</i> , <b>2002</b> , 82, 237-242	2.8	36
102	Chiral NHC-Complexes with Dioxolane Backbone Heterogenized on MCM-41. Catalytic Activity. <i>ChemCatChem</i> , <b>2011</b> , 3, 1320-1328	5.2	35
101	Ge8O16[(OH)(MeNH3) <sup>+</sup> (MeNH2)]: one OH-templated germanium zeotype. <i>Chemical Communications</i> , <b>2000</b> , 2145-2146	5.8	34
100	Heterogenised catalysts on zeolites. Synthesis of new chiral Rh(I) complexes with (2S,4R)-trans-4-RCOO-2-(t-butylaminocarbonyl) pyrrolidines and (2S,4S)-cis-4-RCONH-2-(t-butylaminocarbonyl) pyrrolidines. Heterogenisation on silica and a USY zeolite and study of the role of support on their catalytic profile in hydrogenation of olefins.	2.3	33
99	Amine templated open-framework vanadium(III) phosphites with catalytic properties. <i>Dalton Transactions</i> , <b>2013</b> , 42, 4500-12	4.3	31
98	First pre-functionalised polymeric aromatic framework from mononitrotetrakis(iodophenyl)methane and its applications. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 5111-20	4.8	30
97	Thermodynamic and kinetic control on the formation of two novel metal-organic frameworks based on the Er(III) ion and the asymmetric dimethylsuccinate ligand. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5063-71	5.1	30
96	Homogeneous and encapsulated within the cavities of zeolite Y chiral manganese and copper complexes with C2-multidentate ligands as catalysts for the selective oxidation of sulphides to sulfoxides or sulfones. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 178, 253-266		30

95	New rhodium complexes anchored on silica and modified Y-zeolite as efficient catalysts for hydrogenation of olefins. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 70, 369-379		30
94	Efficient Rare-Earth-Based Coordination Polymers as Green Photocatalysts for the Synthesis of Imines at Room Temperature. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6883-6892	5.1	30
93	Mechanistic analogies and differences between gold- and palladium-supported Schiff base complexes as hydrogenation catalysts: A combined kinetic and DFT study. <i>Journal of Catalysis</i> , <b>2008</b> , 254, 226-237	7.3	29
92	Alternation of [Ge5O11H] Inorganic Sheets and Dabconium Cations in a Novel Layered Germanate: Catalytic Properties. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 677-681	9.6	29
91	Efficient cycloaddition of CO <sub>2</sub> to epoxides using novel heterogeneous organocatalysts based on tetramethylguanidine-functionalized porous polyphenylenes. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2018</b> , 25, 170-179	7.6	28
90	Synchronizing Substrate Activation Rates in Multicomponent Reactions with Metal-Organic Framework Catalysts. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 6654-65	4.8	28
89	Novel efficient catalysts based on imine-linked mesoporous polymers for hydrogenation and cyclopropanation reactions. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 24637		28
88	Easy Synthesis of New Chiral Tridentate Schiff Bases and Their Use as [N,N,O] Ligands for Ni and Pd Complexes [Catalytic Behaviour versus Hydrogenation Reactions. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1955-1962	2.3	28
87	Rh and Ir complexes containing multidentate, C <sub>2</sub> -symmetry ligands. Structural and catalytic properties in asymmetric hydrogenation. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 601, 284-292	2.3	28
86	Hydrogenation of aromatics under mild conditions on transition metal complexes in zeolites. A cooperative effect of molecular sieves. <i>Catalysis Letters</i> , <b>1995</b> , 32, 313-318	2.8	28
85	Toward understanding the structure-catalyst activity relationship of new indium MOFs as catalysts for solvent-free ketone cyanosilylation. <i>RSC Advances</i> , <b>2015</b> , 5, 7058-7065	3.7	27
84	Multisite solid (NHC)NN-Ru-catalysts for cascade reactions: Synthesis of secondary amines from nitro compounds. <i>Journal of Catalysis</i> , <b>2012</b> , 291, 110-116	7.3	26
83	Synthesis, Structure, and Catalytic Properties of Rare-Earth Ternary Sulfates. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 2701-2706	9.6	26
82	Synthesis of bimetallic Zr(Ti)-naphthalendicarboxylate MOFs and their properties as Lewis acid catalysis. <i>RSC Advances</i> , <b>2016</b> , 6, 106790-106797	3.7	25
81	Heterogeneous catalysts based on supported Rh/NHC complexes: synthesis of high molecular weight poly(silyl ether)s by catalytic hydrosilylation. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 62-70	5.5	25
80	Rhodium complexes with phosphine and diazabutadiene ligands. Their properties as hydrogenation catalysts. Molecular structure of RhCl(COD)P(p-C <sub>6</sub> H <sub>4</sub> F) <sub>3</sub> . <i>Inorganica Chimica Acta</i> , <b>1987</b> , 127, 215-221	2.7	25
79	Ln-MOF Pseudo-Merohedral Twinned Crystalline Family as Solvent-Free Heterogeneous Catalysts. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 2516-2521	3.5	24
78	New catalytically active neodymium sulfate. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 3073-3077		23

77	Cooperative directing effect of OH anions and polymerized DABCO cations in the formation of the Ge <sub>16</sub> O <sub>32</sub> (OH) <sub>4</sub> (C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> H) <sub>4</sub> (C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> ) <sub>4</sub> ·12.5H <sub>2</sub> O zeotype. <i>Chemical Communications</i> , <b>2001</b> , 2548-2549	5.8	23
76	Homogeneous versus supported ONN pincer-type gold and palladium complexes: catalytic activity. <i>ChemSusChem</i> , <b>2009</b> , 2, 650-7	8.3	22
75	Two-dimensional hybrid germanium zeotype formed by selective coordination of the trans-1,2-diaminocyclohexane isomer to the ge atom: heterogeneous acid-base bifunctional catalyst. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6791-5	5.1	22
74	Insight into Lewis acid catalysis with alkaline-earth MOFs: the role of polyhedral symmetry distortions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 15572-82	4.8	21
73	A Diamine Copper(I) Complex Stabilized in Situ within the Ferrierite Framework. Catalytic Properties. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 1364-1368	9.6	21
72	Decontaminant agents in the catalytic cracking of petroleum. X-ray crystal structure of bismuth-tri-diethyl phosphoro dithioate, Bi[(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> PS <sub>2</sub> ] <sub>3</sub> . <i>Polyhedron</i> , <b>1989</b> , 8, 483-489	2.7	21
71	Porous aromatic frameworks (PAFs) as efficient supports for N-heterocyclic carbene catalysts. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 6037-6045	5.5	21
70	Understanding Charge Transfer Mechanism on Effective Truxene-Based Porous Polymers@TiO <sub>2</sub> Hybrid Photocatalysts for Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 4411-4420	6.1	21
69	Heterogeneous catalytic properties of unprecedented [D-[FeTCPP] <sub>2</sub> dimers (H <sub>2</sub> TCPP = meso-tetra(4-carboxyphenyl)porphyrin): an unusual superhyperfine EPR structure. <i>Dalton Transactions</i> , <b>2015</b> , 44, 213-22	4.3	20
68	Synthesis of polyesters by an efficient heterogeneous phosphazene (P <sub>1</sub> )-Porous Polymeric Aromatic Framework catalyzed-Ring Opening Polymerization of lactones. <i>European Polymer Journal</i> , <b>2017</b> , 95, 775-784	5.2	19
67	Supramolecular structures via hydrogen bonds and $\pi$ -stacking interactions in novel anthraquinonedisulfonates of zinc, nickel, cobalt, copper and manganese. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 382, 119-126	2.7	19
66	New chiral diphosphinites: synthesis of Rh complexes. Heterogenisation on zeolites. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 588, 186-194	2.3	19
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47	[NaCu(2,4-HPdc)(2,4-Pdc)] Mixed MetalOrganic Framework as a Heterogeneous Catalyst. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4699-4707	2.3	13
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34	A cooperative effect between support and the heterogenised metalloporphyrins on electrocatalytic oxygen reduction. <i>Catalysis Letters</i> , <b>2005</b> , 101, 99-103	2.8	10
33	New mono- and polyazafulleroids C <sub>60</sub> (NR) <sub>n</sub> (n=1,2,4,6) derived from a chiral azide containing N- and O-donor groups, and reactivity with [RhCl(CO) <sub>2</sub> ] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 599, 8-17	2.3	10
32	New molybdenum(0)-fullerene complexes resulting from interaction of C <sub>60</sub> with tetracarbonyldiacetyldihydrazonemolybdenum(0) and dicarbonyldiacetyldihydrazonebis(triphenylphosphine)molybdenum(0). <i>Inorganica Chimica Acta</i> , <b>1996</b> , 248, 67-72	2.7	10
31	Anionic and neutral 2D indium metal-organic frameworks as catalysts for the Ugi one-pot multicomponent reaction. <i>Dalton Transactions</i> , <b>2019</b> , 48, 2988-2995	4.3	9
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22	Reactions of substituted carbonyl complexes of molybdenum(0), Mo(CO) <sub>4</sub> (DAB) and Mo(CO) <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> (DAB), with HgX <sub>2</sub> (X = Cl, I, SCN) and SnCl <sub>4</sub> (DAB = 1,4-diazabutadiene). <i>Journal of Organometallic Chemistry</i> , <b>1983</b> , 256, 75-88	2.3	7
21	Effect of porous organic polymers in gas separation properties of polycarbonate based mixed matrix membranes. <i>Journal of Membrane Science</i> , <b>2021</b> , 619, 118795	9.6	7
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19	Regiospecific hydrosilylation of styrene by rhodium complexes heterogenised on modified USY-zeolites. <i>Studies in Surface Science and Catalysis</i> , <b>1997</b> , 501-507	1.8	6
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10	Mesoporous MCM41-heterogenised (salen)Mn and Cu complexes as effective catalysts for oxidation of sulfides to sulfoxides: Isolation of a stable supported Mn(V)O complex, responsible of the catalytic activity. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 221, 201-208		2
9	Copper(I) complexes with the hexaazafulleroid C <sub>60</sub> (NR) <sub>6</sub> , derived from (2S,4S)-4-azido-1-benzyloxycarbonyl-2-(t-butylaminocarbonyl)pyrrolidine as multitopic ligand. Catalytic properties in oxidation of sulfides. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 627, 159-166	2.3	2
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