

Marta Iglesias

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1136185/marta-iglesias-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

184
papers

8,657
citations

57
h-index

84
g-index

212
ext. papers

9,204
ext. citations

5.7
avg, IF

6
L-index

#	Paper	IF	Citations
184	Phenyl Extended Naphthalene-Based Covalent Triazine Frameworks as Versatile Metal-Free Heterogeneous Photocatalysts. <i>Solar Rrl</i> , 2022 , 6, 2100848	7.1	2
183	Building a Green, Robust, and Efficient Bi-MOF Heterogeneous Catalyst for the Strecker Reaction of Ketones.. <i>Inorganic Chemistry</i> , 2022 , 61, 7523-7529	5.1	2
182	Effect of porous organic polymers in gas separation properties of polycarbonate based mixed matrix membranes. <i>Journal of Membrane Science</i> , 2021 , 619, 118795	9.6	7
181	Amino-functionalized zirconium and cerium MOFs: Catalysts for visible light induced aerobic oxidation of benzylic alcohols and microwaves assisted N-Alkylation of amines. <i>Applied Catalysis A: General</i> , 2021 , 623, 118287	5.1	5
180	Metal Catalysis with Knitting Aryl Polymers: Design, Catalytic Applications, and Future Trends. <i>Chemistry of Materials</i> , 2021 , 33, 6616-6639	9.6	5
179	Conversion of CO into Chloropropene Carbonate Catalyzed by Iron (II) Phthalocyanine Hypercrosslinked Porous Organic Polymer. <i>Molecules</i> , 2020 , 25,	4.8	8
178	Effective Approach toward Conjugated Porous Organic Frameworks Based on Phenanthrene Building Blocks: Metal-Free Heterogeneous Photocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15108-15114	9.5	8
177	Iron Phthalocyanine-Knitted Polymers as Electrocatalysts for the Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 32681-32688	9.5	9
176	Study of the versatility of CuBTC@IL-derived materials for heterogeneous catalysis. <i>CrystEngComm</i> , 2020 , 22, 2904-2913	3.3	3
175	Understanding Charge Transfer Mechanism on Effective Truxene-Based Porous Polymers@TiO ₂ Hybrid Photocatalysts for Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4411-4420	6.1	21
174	Adamantyl-BINOL as platform for chiral porous polymer aromatic frameworks. Multiple applications as recyclable catalysts. <i>Journal of Catalysis</i> , 2019 , 377, 609-618	7.3	10
173	Anionic and neutral 2D indium metal-organic frameworks as catalysts for the Ugi one-pot multicomponent reaction. <i>Dalton Transactions</i> , 2019 , 48, 2988-2995	4.3	9
172	New poly(ionic liquid)s based on poly(azomethine-pyridinium) salts and its use as heterogeneous catalysts for CO ₂ conversion. <i>European Polymer Journal</i> , 2019 , 110, 107-113	5.2	16
171	A step forward in solvent knitting strategies: ruthenium and gold phosphine complex polymerization results in effective heterogenized catalysts. <i>Catalysis Science and Technology</i> , 2019 , 9, 4552-4560	5.5	7
170	Effect of the Linkage Position on the Conjugation Length of Truxene-Based Porous Polymers: Implications for Their Sensing Performance of Nitroaromatics. <i>Chemistry of Materials</i> , 2019 , 31, 6971-6978	9.6	11
169	Bromine pre-functionalized porous polyphenylenes: New platforms for one-step grafting and applications in reversible CO ₂ capture. <i>Journal of CO₂ Utilization</i> , 2019 , 30, 183-192	7.6	17
168	Fluorine-Phenanthroimidazole Porous Organic Polymer: Efficient Microwave Synthesis and Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3459-3465	9.5	18

167	Efficient cycloaddition of CO ₂ to epoxides using novel heterogeneous organocatalysts based on tetramethylguanidine-functionalized porous polyphenylenes. <i>Journal of CO₂ Utilization</i> , 2018 , 25, 170-179	7.6	28
166	Readily Available Highly Active [Ti]-Adamantyl-BINOL Catalysts for the Enantioselective Alkylation of Aldehydes. <i>ACS Omega</i> , 2018 , 3, 1197-1200	3.9	3
165	Exploring physical and chemical properties in new multifunctional indium-, bismuth-, and zinc-based 1D and 2D coordination polymers. <i>Dalton Transactions</i> , 2018 , 47, 1808-1818	4.3	16
164	Truxene-based porous polymers: from synthesis to catalytic activity. <i>Polymer Chemistry</i> , 2018 , 9, 4585-4595	4.9	18
163	Accessible microwave synthesized conjugated poly(azomethine-pyridine) network and its metal complexes for CO ₂ conversion. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1946-1952	2.5	6
162	Double role of metalloporphyrins in catalytic bioinspired supramolecular metal-organic frameworks (SMOFs). <i>IUCrJ</i> , 2018 , 5, 559-568	4.7	0
161	Efficient Rare-Earth-Based Coordination Polymers as Green Photocatalysts for the Synthesis of Imines at Room Temperature. <i>Inorganic Chemistry</i> , 2018 , 57, 6883-6892	5.1	30
160	Synthesis of polyesters by an efficient heterogeneous phosphazene (P1)-Porous Polymeric Aromatic Framework catalyzed-Ring Opening Polymerization of lactones. <i>European Polymer Journal</i> , 2017 , 95, 775-784	5.2	19
159	Group 13th metal-organic frameworks and their role in heterogeneous catalysis. <i>Coordination Chemistry Reviews</i> , 2017 , 335, 1-27	23.2	69
158	Efficient and Reusable Metal Heterogeneous Catalysts for Conversion of CO ₂ Prepared from a Microwave Synthesized Porous Polyiminopyridine. <i>ChemistrySelect</i> , 2017 , 2, 9516-9522	1.8	4
157	Pluronic-assisted hydrothermal synthesis of microporous polyimides. Application as supports for heterogenized transition metal catalysts. <i>Microporous and Mesoporous Materials</i> , 2017 , 239, 287-295	5.3	1
156	Study of Superbase-Based Deep Eutectic Solvents as the Catalyst in the Chemical Fixation of CO ₂ into Cyclic Carbonates under Mild Conditions. <i>Materials</i> , 2017 , 10,	3.5	12
155	A Mesoporous Indium Metal-Organic Framework: Remarkable Advances in Catalytic Activity for Strecker Reaction of Ketones. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9089-92	16.4	85
154	Synthesis of bimetallic Zr(Ti)-naphthalendicarboxylate MOFs and their properties as Lewis acid catalysis. <i>RSC Advances</i> , 2016 , 6, 106790-106797	3.7	25
153	Photoluminescence, Unconventional-Range Temperature Sensing, and Efficient Catalytic Activities of Lanthanide Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1577-1588	2.3	40
152	Synchronizing Substrate Activation Rates in Multicomponent Reactions with Metal-Organic Framework Catalysts. <i>Chemistry - A European Journal</i> , 2016 , 22, 6654-65	4.8	28
151	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> , 2016 , 4, 1078-1084	8.3	36
150	Conjugated Microporous Polymers Incorporating BODIPY Moieties as Light-Emitting Materials and Recyclable Visible-Light Photocatalysts. <i>Macromolecules</i> , 2016 , 49, 1666-1673	5.5	117

149	Porous aromatic frameworks (PAFs) as efficient supports for N-heterocyclic carbene catalysts. <i>Catalysis Science and Technology</i> , 2016 , 6, 6037-6045	5.5	21
148	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> , 2016 , 4, 17274-17278	13	43
147	Polyiminopyridines based networks as supports to heterogenize iron(II) complexes. Application as efficient and selective ecofriendly catalysts.. <i>ChemistrySelect</i> , 2016 , 1, 396-402	1.8	2
146	Tunable catalytic activity of solid solution metal-organic frameworks in one-pot multicomponent reactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6132-5	16.4	122
145	Heterogeneous catalytic properties of unprecedented [FeTCPP]_2 dimers (H2TCPP = meso-tetra(4-carboxyphenyl)porphyrin): an unusual superhyperfine EPR structure. <i>Dalton Transactions</i> , 2015 , 44, 213-22	4.3	20
144	Palladium-heterogenized porous polyimide materials as effective and recyclable catalysts for reactions in water. <i>Green Chemistry</i> , 2015 , 17, 466-473	10	50
143	$[\text{NaCu}(2,4\text{-HPdc})(2,4\text{-Pdc})]$ Mixed Metal-Organic Framework as a Heterogeneous Catalyst. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4699-4707	2.3	13
142	Toward understanding the structure-catalyst activity relationship of new indium MOFs as catalysts for solvent-free ketone cyanosilylation. <i>RSC Advances</i> , 2015 , 5, 7058-7065	3.7	27
141	Design of a Bifunctional Ir -Zr Based Metal-Organic Framework Heterogeneous Catalyst for the N-Alkylation of Amines with Alcohols. <i>ChemCatChem</i> , 2014 , 6, 1794-1800	5.2	46
140	Mono-functionalization of porous aromatic frameworks to use as compatible heterogeneous catalysts in one-pot cascade reactions. <i>Applied Catalysis A: General</i> , 2014 , 469, 206-212	5.1	49
139	Post-functionalized iridium -Zr -MOF as a promising recyclable catalyst for the hydrogenation of aromatics. <i>Green Chemistry</i> , 2014 , 16, 3522-3527	10	52
138	Ln-MOF Pseudo-Merohedral Twinned Crystalline Family as Solvent-Free Heterogeneous Catalysts. <i>Crystal Growth and Design</i> , 2014 , 14, 2516-2521	3.5	24
137	First pre-functionalised polymeric aromatic framework from mononitrotetrakis(iodophenyl)methane and its applications. <i>Chemistry - A European Journal</i> , 2014 , 20, 5111-20	4.8	30
136	Zirconium Materials from Mixed Dicarboxylate Linkers: Enhancing the Stability for Catalytic Applications. <i>ChemCatChem</i> , 2014 , 6, 3426-3433	5.2	17
135	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> , 2014 , 4, 62-70	5.5	25
134	One-Pot Multifunctional Catalysis with NNN-Pincer Zr-MOF: Zr Base Catalyzed Condensation with Rh-Catalyzed Hydrogenation. <i>ChemCatChem</i> , 2013 , 5, 3092-3100	5.2	50
133	Indium metal-organic frameworks as catalysts in solvent-free cyanosilylation reaction. <i>CrystEngComm</i> , 2013 , 15, 9562	3.3	46
132	Insight into Lewis acid catalysis with alkaline-earth MOFs: the role of polyhedral symmetry distortions. <i>Chemistry - A European Journal</i> , 2013 , 19, 15572-82	4.8	21

131	Synthesis of Structured Porous Polymers with Acid and Basic Sites and Their Catalytic Application in Cascade-Type Reactions. <i>Chemistry of Materials</i> , 2013 , 25, 981-988	9.6	125
130	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> , 2013 , 299, 137-145	7.3	136
129	Thermal response, catalytic activity, and color change of the first hybrid vanadate containing Bpe guest molecules. <i>Inorganic Chemistry</i> , 2013 , 52, 2615-26	5.1	36
128	Amine templated open-framework vanadium(III) phosphites with catalytic properties. <i>Dalton Transactions</i> , 2013 , 42, 4500-12	4.3	31
127	H ₂ O ₂ 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> , 2013 , 135, 5782-92	16.4	40
126	Multisite solid (NHC)NN-Ru-catalysts for cascade reactions: Synthesis of secondary amines from nitro compounds. <i>Journal of Catalysis</i> , 2012 , 291, 110-116	7.3	26
125	Lanthanide metal-organic frameworks: searching for efficient solvent-free catalysts. <i>Inorganic Chemistry</i> , 2012 , 51, 11349-55	5.1	93
124	Mixed lanthanide succinate/sulfate 3D MOFs: catalysts in nitroaromatic reduction reactions and emitting materials. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1191-1198		56
123	Novel efficient catalysts based on imine-linked mesoporous polymers for hydrogenation and cyclopropanation reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24637		28
122	Heterogenized Gold Complexes: Recoverable Catalysts for Multicomponent Reactions of Aldehydes, Terminal Alkynes, and Amines. <i>ACS Catalysis</i> , 2012 , 2, 399-406	13.1	136
121	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> , 2012 , 12, 5535-5545	3.5	41
120	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> , 2012 , 354, 1347-1355	5.6	88
119	Supramolecular structures via hydrogen bonds and π -stacking interactions in novel anthraquinonedisulfonates of zinc, nickel, cobalt, copper and manganese. <i>Inorganica Chimica Acta</i> , 2012 , 382, 119-126	2.7	19
118	Gold catalyzes the Sonogashira coupling reaction without the requirement of palladium impurities. <i>Chemical Communications</i> , 2011 , 47, 1446-8	5.8	150
117	Pincer-type Pyridine-Based N-Heterocyclic Carbene Amine Ru(II) Complexes as Efficient Catalysts for Hydrogen Transfer Reactions. <i>Organometallics</i> , 2011 , 30, 2180-2188	3.8	83
116	From Coordinatively Weak Ability of Constituents to Very Stable Alkaline-Earth Sulfonate Metal/Organic Frameworks. <i>Crystal Growth and Design</i> , 2011 , 11, 1750-1758	3.5	67
115	Development of homogeneous and heterogenized rhodium(I) and palladium(II) complexes with ligands based on a chiral proton sponge building block and their application as catalysts. <i>Dalton Transactions</i> , 2011 , 40, 9589-600	4.3	9
114	Recyclable mesoporous silica-supported chiral ruthenium-(NHC)NN-pincer catalysts for asymmetric reactions. <i>Green Chemistry</i> , 2011 , 13, 2471	10	50

113	Chiral NHC-Complexes with Dioxolane Backbone Heterogenized on MCM-41. Catalytic Activity. <i>ChemCatChem</i> , 2011 , 3, 1320-1328	5.2	35
112	M(C ₆ H ₁₆ N ₃) ₂ (VO ₃) ₄ as heterogeneous catalysts. Study of three new hybrid vanadates of cobalt(II), nickel(II) and copper(II) with 1-(2-aminoethyl)piperazonium. <i>Dalton Transactions</i> , 2011 , 40, 12690-8	4.3	12
111	Vanadyl arsenates as catalysts for selective oxidation of organic sulfides and alkenes. <i>Journal of Molecular Catalysis A</i> , 2011 , 335, 176-182		5
110	Immobilization of (NHC)NN-Pincer Complexes on Mesoporous MCM-41 Support. <i>Organometallics</i> , 2010 , 29, 4491-4498	3.8	67
109	Synthesis of Electron-Rich CNN-Pincer Complexes, with N-Heterocyclic Carbene and (S)-Proline Moieties and Application to Asymmetric Hydrogenation. <i>Organometallics</i> , 2010 , 29, 134-141	3.8	84
108	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> , 2010 , 46, 3001-3	5.8	72
107	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> , 2010 , 49, 5063-71	5.1	30
106	Catalytic performance of the high and low temperature polymorphs of (C ₆ N ₂ H ₁₆) _{0.5} [(VO)(HAsO ₄)F]: structural, thermal, spectroscopic and magnetic studies. <i>Dalton Transactions</i> , 2010 , 39, 834-46	4.3	11
105	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> , 2010 , 10, 128-134	3.5	57
104	Heterogeneous Catalysis with Alkaline-Earth Metal-Based MOFs: A Green Calcium Catalyst. <i>ChemCatChem</i> , 2010 , 2, 147-149	5.2	61
103	Cu and Au metal-organic frameworks bridge the gap between homogeneous and heterogeneous catalysts for alkene cyclopropanation reactions. <i>Chemistry - A European Journal</i> , 2010 , 16, 9789-95	4.8	102
102	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> , 2010 , 375, 49-54	5.1	89
101	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> , 2009 , 15, 4896-905	4.8	107
100	Homogeneous versus supported ONN pincer-type gold and palladium complexes: catalytic activity. <i>ChemSusChem</i> , 2009 , 2, 650-7	8.3	22
99	Gold complexes as catalysts: Chemoselective hydrogenation of nitroarenes. <i>Applied Catalysis A: General</i> , 2009 , 356, 99-102	5.1	100
98	3D scandium and yttrium arenedisulfonate MOF materials as highly thermally stable bifunctional heterogeneous catalysts. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6504		77
97	A new scandium metal organic framework built up from octadecasil zeolitic cages as heterogeneous catalyst. <i>Chemical Communications</i> , 2009 , 2393-5	5.8	58
96	Controlling the Structure of Arenedisulfonates toward Catalytically Active Materials. <i>Chemistry of Materials</i> , 2009 , 21, 655-661	9.6	134

95	Fast to Ultrafast Dynamics of Palladium Phthalocyanine Covalently Bonded to MCM-41 Mesoporous Material. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 19199-19207	3.8	16
94	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> , 2008 , 254, 226-237	7.3	29
93	Synthesis of bifunctional Au-Sn organic-inorganic catalysts for acid-free hydroamination reactions. <i>Chemical Communications</i> , 2008 , 6218-20	5.8	49
92	Microporous vanadyl-arsenate with the template incorporated exhibiting sorption and catalytic properties. <i>Chemical Communications</i> , 2008 , 4738-40	5.8	12
91	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> , 2008 , 47, 6791-5	5.1	22
90	Soluble Gold and Palladium Complexes Heterogenized on MCM-41 Are Effective and Versatile Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1107-1115	2.3	66
89	Synthesis of p-cymene from limonene, a renewable feedstock. <i>Applied Catalysis B: Environmental</i> , 2008 , 81, 218-224	21.8	73
88	A Rare-Earth MOF Series: Fascinating Structure, Efficient Light Emitters, and Promising Catalysts. <i>Crystal Growth and Design</i> , 2008 , 8, 378-380	3.5	140
87	An Indium Layered MOF as Recyclable Lewis Acid Catalyst. <i>Chemistry of Materials</i> , 2008 , 20, 72-76	9.6	170
86	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> , 2007 , 46, 1536-8	16.4	262
85	Gold nanoparticles and gold(III) complexes as general and selective hydrosilylation catalysts. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7820-2	16.4	138
84	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> , 2007 , 119, 1558-1560	3.6	85
83	Gold Nanoparticles and Gold(III) Complexes as General and Selective Hydrosilylation Catalysts. <i>Angewandte Chemie</i> , 2007 , 119, 7966-7968	3.6	36
82	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> , 2007 , 349, 2470-2476	5.6	60
81	Heterogenized Gold(I), Gold(III), and Palladium(II) Complexes for C-C Bond Reactions. <i>Synlett</i> , 2007 , 2007, 1771-1774	2.2	68
80	Rare earth arenedisulfonate metal-organic frameworks: an approach toward polyhedral diversity and variety of functional compounds. <i>Inorganic Chemistry</i> , 2007 , 46, 3475-84	5.1	130
79	Approaches to the synthesis of heterogenised metalloporphyrins: Application of new materials as electrocatalysts for oxygen reduction. <i>Journal of Molecular Catalysis A</i> , 2006 , 246, 109-117		36
78	Gold (I) and (III) catalyze Suzuki cross-coupling and homocoupling, respectively. <i>Journal of Catalysis</i> , 2006 , 238, 497-501	7.3	115

77	Layered rare-earth hydroxides: a class of pillared crystalline compounds for intercalation chemistry. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7998-8001	16.4	178
76	Layered Rare-Earth Hydroxides: A Class of Pillared Crystalline Compounds for Intercalation Chemistry. <i>Angewandte Chemie</i> , 2006 , 118, 8166-8169	3.6	17
75	New Heterogenized Gold(I)-Heterocyclic Carbene Complexes as Reusable Catalysts in Hydrogenation and Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1899-1907	5.6	141
74	Single-site homogeneous and heterogeneized gold(III) hydrogenation catalysts: mechanistic implications. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4756-65	16.4	145
73	2D and 3D supramolecular structures via hydrogen bonds and pi-stacking interactions in arylsulfonates of nickel and cobalt. <i>Inorganic Chemistry</i> , 2006 , 45, 9680-7	5.1	49
72	Metal-Organic Scandium Framework: Useful Material for Hydrogen Storage and Catalysis. <i>Chemistry of Materials</i> , 2005 , 17, 5837-5842	9.6	135
71	Synthesis, Structure, and Catalytic Properties of Rare-Earth Ternary Sulfates. <i>Chemistry of Materials</i> , 2005 , 17, 2701-2706	9.6	26
70	One teflon-like channelled nanoporous polymer with a chiral and new uninodal 4-connected net: sorption and catalytic properties. <i>Chemical Communications</i> , 2005 , 1291-3	5.8	74
69	Enantioselective hydrogenation of alkenes and imines by a gold catalyst. <i>Chemical Communications</i> , 2005 , 3451-3	5.8	120
68	Homogeneous and heterogenized Au(III) Schiff base-complexes as selective and general catalysts for self-coupling of aryl boronic acids. <i>Chemical Communications</i> , 2005 , 1990-2	5.8	106
67	Novel 2D and 3D Indium Metal-Organic Frameworks: Topology and Catalytic Properties. <i>Chemistry of Materials</i> , 2005 , 17, 2568-2573	9.6	179
66	From homogeneous to heterogeneous catalysis: Supported Pd(II) metal complexes with chiral triaza donor ligands. <i>Catalysis Today</i> , 2005 , 107-108, 362-370	5.3	9
65	Stabilization of Au(III) on heterogeneous catalysts and their catalytic similarities with homogeneous Au(III) metal organic complexes. <i>Applied Catalysis A: General</i> , 2005 , 291, 247-252	5.1	82
64	A cooperative effect between support and the heterogenised metalloporphyrins on electrocatalytic oxygen reduction. <i>Catalysis Letters</i> , 2005 , 101, 99-103	2.8	10
63	High operational stability in peroxidase-catalyzed non-aqueous sulfoxidations by encapsulation within sol-gel glasses. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 27, 107-111		17
62	Improved Palladium and Nickel Catalysts Heterogenised on Oxidic Supports (Silica, MCM-41, ITQ-2, ITQ-6). <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 1316-1328	5.6	61
61	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> , 2004 , 346, 1758-1764	5.6	103
60	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> , 2004 , 2004, 1955-1962	2.3	28

59	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> , 2004 , 211, 227-235		59
58	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> , 2004 , 221, 201-208		2
57	Heterogenised Rh(I), Ir(I) metal complexes with chiral triaza donor ligands: a cooperative effect between support and complex. <i>Inorganica Chimica Acta</i> , 2004 , 357, 3071-3078	2.7	18
56	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> , 2004 , 224, 170-177	7.3	101
55	Solvothermal synthesis and structural relations among three anionic aluminophosphates; catalytic behaviour. <i>Journal of Materials Chemistry</i> , 2004 , 14, 845-850		15
54	Rare-earths as catalytic centres in organo-inorganic polymeric frameworks. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2683		104
53	Chiral Germanium Zeotype with Interconnected 8-, 11-, and 11-Ring Channels. Catalytic Properties. <i>Chemistry of Materials</i> , 2004 , 16, 594-599	9.6	44
52	Catalytic Behavior of Rare-Earth Sulfates: Applications in Organic Hydrogenation and Oxidation Reactions. <i>Chemistry of Materials</i> , 2004 , 16, 4144-4149	9.6	11
51	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> , 2004 , 221, 201-208		17
50	New Mn(II) and Cu(II) chiral C2-multidentate complexes immobilised in zeolites (USY, MCM41). <i>Journal of Molecular Catalysis A</i> , 2003 , 194, 137-152		39
49	First high thermally stable organo-inorganic 3D polymer scandium derivative as a heterogeneous Lewis acid catalyst. <i>Chemical Communications</i> , 2003 , 346-7	5.8	50
48	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> , 2002 , 178, 253-266		30
47	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> , 2002 , 655, 134-145	2.3	44
46	Copper and manganese complexes with C2-multitopic ligands. X-ray crystal structure of [Cu(N,N'-bis[(S)-prolyl]phenylenediamine)H ₂ O]. Catalytic properties. <i>Inorganica Chimica Acta</i> , 2002 , 333, 83-92	2.7	12
45	In ₂ (OH) ₃ (BDC)(1.5) (BDC = 1,4-benzendicarboxylate): an In(III) supramolecular 3D framework with catalytic activity. <i>Inorganic Chemistry</i> , 2002 , 41, 2429-32	5.1	203
44	MCM-41 Heterogenized Chiral Amines as Base Catalysts for Enantioselective Michael Reaction. <i>Catalysis Letters</i> , 2002 , 82, 237-242	2.8	36
43	Alternation of [Ge ₅ O ₁₁ H] ⁺ Inorganic Sheets and Dabconium Cations in a Novel Layered Germanate: Catalytic Properties. <i>Chemistry of Materials</i> , 2002 , 14, 677-681	9.6	29
42	New catalytically active neodymium sulfate. <i>Journal of Materials Chemistry</i> , 2002 , 12, 3073-3077		23

41	From rational octahedron design to reticulation serendipity. A thermally stable rare earth polymeric disulfonate family with CdI ₂ -like structure, bifunctional catalysis and optical properties. <i>Chemical Communications</i> , 2002 , 1366-1367	5.8	73
40	Copper(I) complexes with the hexaaza fulleroid C ₆₀ (NR) ₆ , derived from (2S,4S)-4-azido-1-benzoyloxycarbonyl-2-(t-butylaminocarbonyl)pyrrolidine as multitopic ligand. Catalytic properties in oxidation of sulfides. <i>Journal of Organometallic Chemistry</i> , 2001 , 627, 159-166	2.3	2
39	Synthesis of Rh(I) and Ir(I) complexes with chiral C ₂ -multitopic ligands. <i>Journal of Organometallic Chemistry</i> , 2001 , 634, 25-33	2.3	18
38	Cooperative directing effect of OH anions and polymerized DABCO cations in the formation of the Ge ₁₆ O ₃₂ (OH) ₄ (C ₆ H ₁₂ N ₂ H) ₄ (C ₆ H ₁₂ N ₂) ₄ ·12.5H ₂ O zeotype. <i>Chemical Communications</i> , 2001 , 2548-2549	5.8	23
37	A Diamine Copper(I) Complex Stabilized in Situ within the Ferrierite Framework. Catalytic Properties. <i>Chemistry of Materials</i> , 2001 , 13, 1364-1368	9.6	21
36	Copper complexes with multidentate ligands derived from l-proline. X-ray crystal structure of {[Cu(N,N'-bis[(S)-prolyl]ethylenediamine)]ClO ₄] ₂ ·2[MeCN] ₂ . <i>Inorganica Chimica Acta</i> , 2000 , 306, 116-121	2.7	11
35	Rh and Ir complexes containing multidentate, C ₂ -symmetry ligands. Structural and catalytic properties in asymmetric hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2000 , 601, 284-292	2.3	28
34	New mono- and polyaza fulleroids C ₆₀ (NR) _n (n=1,2,4,6) derived from a chiral azide containing N- and O-donor groups, and reactivity with [RhCl(CO) ₂] ₂ . <i>Journal of Organometallic Chemistry</i> , 2000 , 599, 8-17	2.3	10
33	Ge ₈ O ₁₆ [(OH) ₄ (MeNH ₃)+(MeNH ₂) ₂]: one OH-templated germanium zeotype. <i>Chemical Communications</i> , 2000 , 2145-2146	5.8	34
32	Cyclopropanation reactions catalysed by copper and rhodium complexes homogeneous and heterogenised on a modified USY-zeolite. Influence of the catalyst on the catalytic profile. <i>Journal of Molecular Catalysis A</i> , 1999 , 144, 337-346		17
31	New chiral diphosphinites: synthesis of Rh complexes. Heterogenisation on zeolites. <i>Journal of Organometallic Chemistry</i> , 1999 , 588, 186-194	2.3	19
30	Ein Ge-Zeolithanalagon mit Übergangsmetallkomplexe enthaltenden Tunneln. <i>Angewandte Chemie</i> , 1999 , 111, 2592-2595	3.6	14
29	A Germanium Zeotype Containing Intratunnel Transition Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2436-2439	16.4	45
28	Reactions of fullereneols C ₆₀ (OH) _x (x=12, 18) with trialkoxysilanes (RO) ₃ Si(CH ₂) ₃ X (R=Me, X=Cl; R=Et, X=NH ₂). <i>Journal of Organometallic Chemistry</i> , 1998 , 553, 193-197	2.3	1
27	Regiospecific hydrosilylation of styrene by rhodium complexes heterogenised on modified USY-zeolites. <i>Studies in Surface Science and Catalysis</i> , 1997 , 501-507	1.8	6
26	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
25	Synthesis of polydiphenylphosphite derivatives of [60]fullerene and their reactions with metal complexes. <i>Journal of Organometallic Chemistry</i> , 1997 , 549, 213-220	2.3	1
24	Large pore Ti-zeolites and mesoporous Ti-silicalites as catalysts for selective oxidation of organic sulfides. <i>Catalysis Letters</i> , 1996 , 39, 153-156	2.8	89

23	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> , 1996 , 107, 225-234		67
22	Synthesis and characterisation of chiral Cu(I) complexes with substituted-pyrrolidine-ligands bearing a triethoxysilyl group and preparation of heterogenised catalysts on USY-zeolites. <i>Inorganica Chimica Acta</i> , 1996 , 244, 79-85	2.7	16
21	Synthesis and characterisation of chiral Cu(I) complexes of substituted pyrrolidine ligands. Efficient catalysts for cyclopropanation reactions. <i>Inorganica Chimica Acta</i> , 1996 , 244, 239-245	2.7	17
20	New molybdenum(0)-fullerene complexes resulting from interaction of C60 with tetracarbonyldiacetyldihydrazonemolybdenum(0) and dicarbonyldiacetyldihydrazonebis(triphenylphosphine)molybdenum(0). <i>Inorganica Chimica Acta</i> , 1996 , 244, 247-250	2.7	10
19	Synthesis and characterization of new chiral Rh(I) complexes with N, N ² -, and N, P-ligands. A study of anchoring on the modified zeolites and catalytic properties of heterogenized complexes. <i>Journal of Organometallic Chemistry</i> , 1995 , 492, 11-21	2.3	66
18	Hydrogenation of aromatics under mild conditions on transition metal complexes in zeolites. A cooperative effect of molecular sieves. <i>Catalysis Letters</i> , 1995 , 32, 313-318	2.8	28
17	Large pore bifunctional titanium- γ -alumina-silicates: the inorganic non-enzymatic version of the epoxidase conversion of linalool to cyclic ethers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1635-1636		59
16	Chiral Dioxo-Molybdenum Complexes Anchored to Modified Usy-Zeolites. Application to Selective Epoxidation of Olefins 1995 , 179-189		1
15	Chiral Metal Transition Complexes in Zeolites: Enantioselective Hydrogenation of Dehydrophenylalanine Derivatives. <i>Studies in Surface Science and Catalysis</i> , 1993 , 2293-2296	1.8	18
14	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> , 1992 , 3, 845-848		63
13	Nickel passivation on fluidised cracking catalysts with different antimony complexes. <i>Applied Catalysis A: General</i> , 1992 , 85, 61-71	5.1	8
12	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> , 1992 , 431, 233-246	2.3	102
11	New rhodium complexes anchored on silica and modified Y-zeolite as efficient catalysts for hydrogenation of olefins. <i>Journal of Molecular Catalysis</i> , 1991 , 70, 369-379		30
10	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> , 1991 , 1253-1255		110
9	Reactions of the rhodium dihydride complex [RhH ₂ (Hex-DAB)(PPh ₃) ₂][PF ₆] (cHex-DAB = C ₆ H ₁₁ N ⁺ CH ₂ NC ₆ H ₁₁) with [PPh ₄][Co(CO) ₄] and [PPh ₄][HFe(CO) ₄]. The crystal structure of [RhH ₂ (cHex-DAB)(PPh ₃) ₂][Co(CO) ₄]. <i>Journal of Organometallic Chemistry</i> , 1989 , 366, 391-401	2.3	3
8	Decontaminant agents in the catalytic cracking of petroleum. X-ray crystal structure of bismuth-tri-diethyl phosphoro dithioate, Bi[(C ₂ H ₅ O) ₂ PS ₂] ₃ . <i>Polyhedron</i> , 1989 , 8, 483-489	2.7	21
7	Synthesis, characterization and structure of cationic hydrides of rhodium(III). Part II. Crystal structure of dihydride(1,4-biscyclohexyl-diaza-1,3-butadiene)-bis(4-fluor-tris(triphenylphosphine)rhodium(III) perchlorate. <i>Inorganica Chimica Acta</i> , 1988 , 145, 91-98	2.7	7
6	Rhodium complexes with phosphine and diazabutadiene ligands. Their properties as hydrogenation catalysts. Molecular structure of RhCl(COD)P(p-C ₆ H ₄ F) ₃ . <i>Inorganica Chimica Acta</i> , 1987 , 127, 215-221	2.7	25

5	Molecular structure and reactions of $[\text{RhH}_2(\text{C}_6\text{H}_5\text{NCHCHNC}_6\text{H}_5)(\text{PPh}_3)_2]\text{PF}_6$. <i>Journal of Organometallic Chemistry</i> , 1986 , 317, 363-372	2.3	11
4	Synthesis and characterization of new cationic hydride complexes of rhodium(III). <i>Inorganica Chimica Acta</i> , 1986 , 119, 7-12	2.7	13
3	Reactions of substituted carbonyl complexes of molybdenum(0), $\text{Mo}(\text{CO})_4(\text{DAB})$ and $\text{Mo}(\text{CO})_2(\text{PPh}_3)_2(\text{DAB})$ with Cl_2 , Br_2 and I_2 (DAB = 1,4-diazabutadiene). <i>Journal of Organometallic Chemistry</i> , 1984 , 263, 193-200	2.3	5
2	Reactions of substituted carbonyl complexes of molybdenum(0), $\text{Mo}(\text{CO})_4(\text{DAB})$ and $\text{Mo}(\text{CO})_2(\text{PPh}_3)_2(\text{DAB})$, with HgX_2 (X = Cl, I, SCN) and SnCl_4 (DAB = 1,4-diazabutadiene). <i>Journal of Organometallic Chemistry</i> , 1983 , 256, 75-88	2.3	7
1	Reactions of rhodium dihydride complexes $[\text{RhH}_2(\text{R-DAB})-(\text{PR}^?_3)_2]^+$ with the acetylenes $\text{CH}_3\text{OCC}^?\text{CCOCH}_3$ and $\text{HC}^?\text{CC}_6\text{H}_5$. Crystal structure of $[\text{RhC}(\text{CO}_2\text{CH}_3)^?\text{C}(\text{CO}_2\text{CH}_3)\text{C}(\text{CO}_2\text{CH}_3)^?\text{C}(\text{CO}_2\text{CH}_3)-(\text{C}_6\text{H}_{11}\text{N}^?\text{CHCH}^?\text{NC}_6\text{H}_{11})\{\text{PCH}_3(\text{C}_6\text{H}_5)_2\}\text{H}_2\text{O}]\text{ClO}_4$. <i>Journal of Organometallic Chemistry</i> , 1980 , 338, 89-102	2.3	11