Andrea Rossin

List of Publications by Year
in descending order

118 papers	4,340 citations	117625 34 h-index	128289 60 g-index
124 all docs	124 docs citations	124 times ranked	5274 citing authors

#	Article	IF	Citations
1	P₄ Activation by Late-Transition Metal Complexes. Chemical Reviews, 2010, 110, 4178-4235.	47.7	391
2	Ammoniaâ€“Borane and Amineâ€“Borane Dehydrogenation Mediated by Complex Metal Hydrides. Chemical Reviews, 2016, 116, 8848-8872.	47.7	358
3	A Dense Metalâ€“Organic Framework for Enhanced Magnetic Refrigeration. Advanced Materials, 2013, 25, 4653-4656.	21.0	273
4	Induction Heating: An Enabling Technology for the Heat Management in Catalytic Processes. ACS Catalysis, 2019, 9, 7921-7935.	11.2	120
5	FeB Double Bonds:Â Synthetic, Structural, and Reaction Chemistry of Cationic Terminal Borylene Complexes. Organometallics, 2004, 23, 2911-2926.	2.3	119
6	Chemically Functionalized Carbon Nanotubes with Pyridine Groups as Easily Tunable N-Decorated Nanomaterials for the Oxygen Reduction Reaction in Alkaline Medium. Chemistry of Materials, 2014, 26, 3460-3470.	6.7	107
7	Câˆ’H Oxidative Addition of Bisimidazolium Salts to Iridium and Rhodium Complexes, and N-Heterocyclic Carbene Generation. A Combined Experimental and Theoretical Study. Organometallics, 2006, 25, 1120-1134.	2.3	96
8	Synthesis and Characterization of Terminal [Re(XCO)(CO)₂(triphos)] (X=N, P): Isocyanate versus Phosphaethynolate Complexes. Chemistry - A European Journal, 2012, 18, 14805-14811.	3.3	94
9	Tailoring Carbon Nanotube N-Dopants while Designing Metal-Free Electrocatalysts for the Oxygen Reduction Reaction in Alkaline Medium. ACS Catalysis, 2013, 3, 2108-2111.	11.2	91
10	Metalâ€“Organic Frameworks as Heterogeneous Catalysts in Hydrogen Production from Lightweight Inorganic Hydrides. ACS Catalysis, 2017, 7, 5035-5045.	11.2	88
11	Unraveling Surface Basicity and Bulk Morphology Relationship on Covalent Triazine Frameworks with Unique Catalytic and Gas Adsorption Properties. Advanced Functional Materials, 2017, 27, 1605672.	14.9	72
12	Amine-Templated Polymeric Lanthanide Formates: Synthesis, Characterization, and Applications in Luminescence and Magnetism. Inorganic Chemistry, 2012, 51, 6962-6968.	4.0	69
13	Complexes of a gallium heterocycle with transition metal dicyclopentadienyl and cyclopentadienylcarbonyl fragments, and with a dialkylmanganese compound. Dalton Transactions, 2006, , 3313.	3.3	66
14	Carbonyl analogues? Analysis of Feâ€“E (E = B, Al, Ga) bonding in cationic terminal diyl complexes by density functional theory. Dalton Transactions, 2004, , 2649-2654.	3.3	65
15	Phase Transitions and CO₂ Adsorption Properties of Polymeric Magnesium Formate. Crystal Growth and Design, 2008, 8, 3302-3308.	3.0	62
16	Aziridine-Functionalized Multiwalled Carbon Nanotubes: Robust and Versatile Catalysts for the Oxygen Reduction Reaction and Knoevenagel Condensation. ACS Applied Materials & Interfaces, 2016, 8, 30099-30106.	8.0	61
17	Porous Silicon Carbide (SiC): A Chance for Improving Catalysts or Just Another Active-Phase Carrier?. Chemical Reviews, 2021, 121, 10559-10665.	47.7	61
18	Water-Assisted Hâˆ’H Bond Splitting Mediated by [CpRu(PTA)2Cl] (PTA=1,3,5-triaza-7-phosphaadamantane). A DFT Analysis. Organometallics, 2007, 26, 3289-3296.	2.3	57

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19	Halide Abstraction as a Route to Cationic Transition-Metal Complexes Containing Two-Coordinate Gallium and Indium Ligand Systems. Organometallics, 2005, 24, 5891-5900.	2.3	53
20	â€œClickâ€•on MOFs: A Versatile Tool for the Multimodal Derivatization of N3-Decorated Metal Organic Frameworks. Chemistry of Materials, 2013, 25, 2297-2308.	6.7	53
21	Chiral Co(II) Metalâ€“Organic Framework in the Heterogeneous Catalytic Oxidation of Alkenes under Aerobic and Anaerobic Conditions. ACS Catalysis, 2014, 4, 1032-1039.	11.2	53
22	The Active Role of the Water Solvent in the Regioselective CO Hydrogenation of Unsaturated Aldehydes by [RuH2(mtppms)x] in Basic Media. Organometallics, 2006, 25, 5010-5023.	2.3	52
23	Functionalization of Multiwalled Carbon Nanotubes with Cyclic Nitrones for Materials and Composites: Addressing the Role of CNT Sidewall Defects. Chemistry of Materials, 2011, 23, 1923-1938.	6.7	51
24	Feâ€“Ga multiple bonding? Synthesis, spectroscopic and structural characterization of a transition metal complex containing a cationic two-coordinate gallium centre. Chemical Communications, 2004, , 1732-1733.	4.1	50
25	Acidâ€“Base Interaction between Transitionâ€Metal Hydrides: Dihydrogen Bonding and Dihydrogen Evolution. Angewandte Chemie - International Edition, 2011, 50, 1367-1370.	13.8	50
26	Synthetic and reaction chemistry of heteroatom stabilized boryl and cationic borylene complexes. Dalton Transactions, 2006, , 399-410.	3.3	48
27	Nickel(ii) hydride and fluoride pincer complexes and their reactivity with Lewis acids BX3Â·L (X = H, L =) Tj ETQq1 1 0.784314 rgBT /Over	3.3	46
28	Amine-templated polymeric Mg formates: crystalline scaffolds exhibiting extensive hydrogen bonding. CrystEngComm, 2012, 14, 4454.	2.6	46
29	Selective Bâ€“H versus Nâ€“H Bond Activation in Ammonia Borane by [Ir(dppm)₂]OTf. European Journal of Inorganic Chemistry, 2009, 2009, 3055-3059.	2.0	44
30	Pyrazole-Based PCN Pincer Complexes of Palladium(II): Mono- and Dinuclear Hydroxide Complexes and Ligand Rollover Câ€“H Activation. Organometallics, 2015, 34, 3998-4010.	2.3	42
31	Synthesis, characterization and CO2 uptake of a chiral Co(ii) metalâ€“organic framework containing a thiazolidine-based spacer. Journal of Materials Chemistry, 2012, 22, 10335.	6.7	38
32	Facing Unexpected Reactivity Paths with Zr^{IV}â€“Pyridylamido Polymerization Catalysts. Chemistry - A European Journal, 2012, 18, 671-687.	3.3	37
33	Catalytic amine-borane dehydrogenation by a PCP-pincer palladium complex: a combined experimental and DFT analysis of the reaction mechanism. Dalton Transactions, 2013, 42, 3533.	3.3	37
34	Yttriumâ€Amidopyridinate Complexes: Synthesis and Characterization of Yttriumâ€Alkyl and Yttriumâ€Hydrido Derivatives. European Journal of Inorganic Chemistry, 2010, 2010, 608-620.	2.0	36
35	Amino-decorated bis(pyrazolate) metalâ€“organic frameworks for carbon dioxide capture and green conversion into cyclic carbonates. Inorganic Chemistry Frontiers, 2019, 6, 533-545.	6.0	36
36	Dimerization Mechanism of Bis(triphenylphosphine)copper(I) Tetrahydroborate: Proton Transfer via a Dihydrogen Bond. Inorganic Chemistry, 2012, 51, 6486-6497.	4.0	34

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37	Comparative DFT Analysis of Ligand and Solvent Effects on the Mechanism of H₂Activation in Water Mediated by Half-Sandwich Complexes [Cpâ€²Ru(PTA)₂Cl] (Cpâ€² =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Organometallics, 2010, 29, 5121-5131.	2.3	32
38	Ammonia Borane Dehydrogenation Catalyzed by (Îº⁴-EP₃)Co(H) [EP₃ = E(CH₂CH₂PPh₂)₃; E = N, P] and H₂ Evolution from Their Interaction with NH Acids. Inorganic Chemistry, 2017, 56, 4296-4307.	4.0	32
39	Amine Boranes Dehydrogenation Mediated by an Unsymmetrical Iridium Pincer Hydride: (PCN) vs (PCP) Improved Catalytic Performance. Organometallics, 2018, 37, 3142-3153.	2.3	32
40	Chemical functionalization of N-doped carbon nanotubes: a powerful approach to cast light on the electrochemical role of specific N-functionalities in the oxygen reduction reaction. Catalysis Science and Technology, 2016, 6, 6226-6236.	4.1	31
41	How to teach an old dog new (electrochemical) tricks: aziridine-functionalized CNTs as efficient electrocatalysts for the selective CO₂ reduction to CO. Journal of Materials Chemistry A, 2018, 6, 16382-16389.	10.3	31
42	Metalâ€toâ€Ligand Alkyl Migration Inducing Carbonâ€“Sulfur Bond Cleavage in Dialkyl Yttrium Complexes Supported by Thiazoleâ€Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in the Intramolecular Hydroamination Reaction. Chemistry - A European Journal, 2014, 20, 3487-3499.	3.3	30
43	Surface Engineering of Chemically Exfoliated MoS₂ in a â€œClickâ€: How To Generate Versatile Multifunctional Transition Metal Dichalcogenides-Based Platforms. Chemistry of Materials, 2018, 30, 8257-8269.	6.7	29
44	Nitroâ€Functionalized Bis(pyrazolate) Metalâ€“Organic Frameworks as Carbon Dioxide Capture Materials under Ambient Conditions. Chemistry - A European Journal, 2018, 24, 13170-13180.	3.3	29
45	Cobalt(II) Bipyrazolate Metalâ€“Organic Frameworks as Heterogeneous Catalysts in Cumene Aerobic Oxidation: A Tag-Dependent Selectivity. Inorganic Chemistry, 2020, 59, 8161-8172.	4.0	29
46	Can nitrones functionalize carbon nanotubes?. Chemical Communications, 2010, 46, 252-254.	4.1	28
47	Tuning Carbon Dioxide Adsorption Affinity of Zinc(II) MOFs by Mixing Bis(pyrazolate) Ligands with N-Containing Tags. ACS Applied Materials & Interfaces, 2019, 11, 26956-26969.	8.0	28
48	Selective synthesis of 2-substituted 4-carboxy oxazoles, thiazoles and thiazolidines from serine or cysteine amino acids. Tetrahedron, 2011, 67, 267-274.	1.9	27
49	Benzoimidazoleâ€Pyridylamido Zirconium and Hafnium Alkyl Complexes as Homogeneous Catalysts for Tandem Carbon Dioxide Hydrosilylation to Methane. ChemCatChem, 2019, 11, 495-510.	3.7	27
50	H2 production from lightweight inorganic hydrides catalyzed by 3d transition metals. International Journal of Hydrogen Energy, 2019, 44, 25746-25776.	7.1	25
51	Group IV Organometallic Compounds Based on Dianionic â€œPincerâ€•Ligands: Synthesis, Characterization, and Catalytic Activity in Intramolecular Hydroamination Reactions. Chemistry - A European Journal, 2013, 19, 4906-4921.	3.3	24
52	Organolanthanide Complexes Supported by Thiazole-Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in Isoprene Polymerization. Organometallics, 2014, 33, 7125-7134.	2.3	24
53	Computational screening, synthesis and testing of metalâ€“organic frameworks with a bithiazole linker for carbon dioxide capture and its green conversion into cyclic carbonates. Molecular Systems Design and Engineering, 2019, 4, 1000-1013.	3.4	24
54	Coordination Chemistry of Thiazole-Based Ligands: New Complexes Generating 3D Hydrogen-Bonded Architectures. European Journal of Inorganic Chemistry, 2011, 2011, 539-548.	2.0	23

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55	Linking of metal centres through boryl ligands: synthesis, spectroscopic and structural characterisation of symmetrically bridged boryl complexes. Dalton Transactions RSC, 2002, , 2020-2026.	2.3	22
56	Benzene and Tropilium Metal Complexes. Intra- and Intermolecular Interaction Evidenced by Vibrational Analysis:â€‰ The Blue-Shift Hydrogen Bond. Organometallics, 2006, 25, 5024-5030.	2.3	22
57	Palladium(II) pyrazolylâ€“pyridyl complexes containing a sterically hindered N-heterocyclic carbene moiety for the Suzuki-Miyaura cross-coupling reaction. Inorganica Chimica Acta, 2018, 470, 100-105.	2.4	22
58	Thiazole- and Thiadiazole-Based Metalâ€“Organic Frameworks and Coordination Polymers for Luminescent Applications. Inorganics, 2019, 7, 144.	2.7	22
59	Highly Nickelâ€Loaded Î³â€Alumina Composites for a Radiofrequencyâ€Heated, Lowâ€Temperature CO₂ Methanation Scheme. ChemSusChem, 2020, 13, 5468-5479.	6.8	22
60	Benzothiazolium-functionalized NU-1000: a versatile material for carbon dioxide adsorption and cyanide luminescence sensing. Journal of Materials Chemistry C, 2020, 8, 7492-7500.	5.5	22
61	Intramolecular Ïƒ-Bond Metathesis/Protonolysis on Zirconium(IV) and Hafnium(IV) Pyridylamido Olefin Polymerization Catalyst Precursors: Exploring Unexpected Reactivity Paths. Inorganic Chemistry, 2010, 49, 6811-6813.	4.0	21
62	Hydrogen Uptake by {H[Mg(HCOO)₃]âŠƒNHMe₂}_{âˆž} and Determination of Its H₂ Adsorption Sites through Monte Carlo Simulations. Langmuir, 2011, 27, 10124-10131.	3.5	21
63	Intramolecular Hydroamination Reactions Catalyzed by Neutral and Cationic Groupâ€…IV Pyridylamido Complexes. ChemCatChem, 2013, 5, 1142-1151.	3.7	21
64	Dihydrogen Bonding in Complex (PP₃)RuH(Î·¹-BH₄) Featuring Two Proton-Accepting Hydride Sites: Experimental and Theoretical Studies. Inorganic Chemistry, 2014, 53, 1080-1090.	4.0	21
65	Unsymmetrical pyrazole-based PCN pincer NiII halides: Reactivity and catalytic activity in ethylene oligomerization. Journal of Organometallic Chemistry, 2020, 912, 121163.	1.8	21
66	Cyclopentadienyl Ruthenium(II) Complexes with Bridging Alkynylphosphine Ligands: Synthesis and Electrochemical Studies. Chemistry - A European Journal, 2009, 15, 11985-11998.	3.3	20
67	A New Cobalt(II)â€Layered Network Based on Phenyl(carboxymethyl) Phosphinate. European Journal of Inorganic Chemistry, 2010, 2010, 3179-3184.	2.0	19
68	Dihydrogen Bonding and Proton Transfer from MH and OH Acids to Group 10 Metal Hydrides [(^{tBu}PCP)MH] [^{tBu}PCP = Îº³â€2,6â€(tBu₂PCH₂)₂C₆H₃; M = Ni, Pd]. European Journal of Inorganic Chemistry, 2016, 2016, 1415-1424.	2.0	19
69	Halogen-Bonding Interactions and Electrochemical Properties of Unsymmetrical Pyrazole Pincer Ni^{II} Halides: A Peculiar Behavior of the Fluoride Complex (PCN)NiF. ACS Omega, 2019, 4, 1118-1129.	3.5	19
70	Mechanistic Studies on the Interaction of [(Îº³-P,P,P-NP₃)IrH₃] [NP₃= N(CH₂CH₂PPh₂)₃] with HBF₄and Fluorinated Alcohols by Combined NMR, IR, and DFT Techniques. Inorganic Chemistry, 2010, 49, 4343-4354.	4.0	18
71	1D and 2D Thiazoleâ€Based Copper(II) Coordination Polymers: Synthesis and Applications in Carbon Dioxide Capture. ChemPlusChem, 2014, 79, 406-412.	2.8	18
72	Chemical Hydrogen Storage: Ammonia Borane Dehydrogenation Catalyzed by NP₃ Ruthenium Hydrides (NP₃=N(CH₂CH₂PPh₂)₃). ChemPlusChem, 2014, 79, 1316-1325.	2.8	18

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73	Steric control on the redox chemistry of (Î·5-C9H7)2YbII(THF)2 by 6-aryl substituted iminopyridines. Dalton Transactions, 2011, 40, 10568.	3.3	16
74	Structural features and applications of metalâ€“organic frameworks containing thiazole- and thiazolidine-based spacers. CrystEngComm, 2015, 17, 218-228.	2.6	16
75	Pyridine-decorated carbon nanotubes as a metal-free heterogeneous catalyst for mild CO2 reduction to methanol with hydroboranes. Catalysis Science and Technology, 2017, 7, 5833-5837.	4.1	15
76	Bis(alkyl) scandium and yttrium complexes coordinated by an amidopyridinate ligand: synthesis, characterization and catalytic performance in isoprene polymerization, hydroelementation and carbon dioxide hydrosilylation. Dalton Transactions, 2020, 49, 638-650.	3.3	15
77	Two pathways of proton transfer reaction to (triphos)Cu(Î·¹-BH₄) via a dihydrogen bond [triphos = 1,1,1-tris(diphenylphosphinomethyl)ethane]. Dalton Transactions, 2016, 45, 9127-9135.	3.3	14
78	Temperature-Dependent Nitrous Oxide/Carbon Dioxide Preferential Adsorption in a Thiazolium-Functionalized NU-1000 Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2021, 13, 58982-58993.	8.0	14
79	Novel yttrium and zirconium catalysts featuring reduced Ar-BIANH₂ ligands for olefin hydroamination (Ar-BIANH₂ = bis-arylaminoacenaphthylene). New Journal of Chemistry, 2016, 40, 10285-10293.	2.8	13
80	Binuclear Copper(I) Borohydride Complex Containing Bridging Bis(diphenylphosphino) Methane Ligands: Polymorphic Structures of [(Âµ2-dppm)2Cu2(Î·2-BH4)2] Dichloromethane Solvate. Crystals, 2017, 7, 318.	2.2	13
81	Bifunctional activation of amine-boranes by the W/Pd bimetallic analogs of â€œfrustrated Lewis pairsâ€• Chemical Science, 2021, 12, 3682-3692.	7.4	13
82	Interaction between a Transition-Metal Fluoride and a Transition-Metal Hydride: Water-Mediated Hydrofluoric Acid Evolution Following Fluoride Solvation. Inorganic Chemistry, 2013, 52, 12616-12623.	4.0	12
83	Engineered Nitrogen-Decorated Carbon Networks for the Metal-Free Catalytic Isomerization of Glucose to Fructose. ACS Sustainable Chemistry and Engineering, 2019, 7, 16959-16963.	6.7	12
84	Playing with covalent triazine framework tiles for improved CO₂ adsorption properties and catalytic performance. Beilstein Journal of Nanotechnology, 2019, 10, 1217-1227.	2.8	12
85	Tailoring morphological and chemical properties of covalent triazine frameworks for dual CO2 and H2 adsorption. International Journal of Hydrogen Energy, 2022, 47, 8434-8445.	7.1	12
86	Graphite Felt-Sandwiched Ni/SiC Catalysts for the Induction Versus Joule-Heated Sabatier Reaction: Assessing the Catalyst Temperature at the Nanoscale. ACS Sustainable Chemistry and Engineering, 2022, 10, 622-632.	6.7	12
87	Competition between the Hydride Ligands of Two Types in Proton Transfer to [{Îº3-P-CH3C(CH2CH2PPh2)3}RuH(Î·2-BH4)]. European Journal of Inorganic Chemistry, 2017, 2017, 4673-4682.	2.0	11
88	Second Youth of a Metal-Free Dehydrogenation Catalyst: When Î³-Al₂O₃ Meets Coke Under Oxygen- and Steam-Free Conditions. ACS Catalysis, 2019, 9, 9474-9484.	11.2	11
89	Ammonia borane and hydrazine bis(borane) dehydrogenation mediated by an unsymmetrical (PNN) ruthenium pincer hydride: metalâ€“ligand cooperation for hydrogen production. Sustainable Energy and Fuels, 2019, 3, 2583-2596.	4.9	11
90	Carbon Dioxide Capture and Utilization with Isomeric Forms of Bis(amino)â€Tagged Zinc Bipyrazolate Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2021, 27, 4746-4754.	3.3	11

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91	A Heteroâ€Bifunctional Spacer for the Smart Engineering of Carbonâ€Based Nanostructures. ChemPlusChem, 2015, 80, 704-714.	2.8	10
92	Dioxomolybdenum(VI) Complexes with Salicylamide Ligands: Synthesis, Structure, and Catalysis in the Epoxidation of Olefins under Eco-Friendly Conditions. European Journal of Inorganic Chemistry, 2019, 2019, 221-229.	2.0	10
93	Binuclear 3,3â€²,5,5â€²-tetramethyl-1H,H-4,4â€²-bipyrazole Ruthenium(II) complexes: Synthesis, characterization and biological studies. Inorganica Chimica Acta, 2020, 513, 119902.	2.4	10
94	Metalâ€“Organic Frameworks in Italy: From synthesis and advanced characterization to theoretical modeling and applications. Coordination Chemistry Reviews, 2021, 437, 213861.	18.8	10
95	Benzothiazole- vs. pyrazole-based unsymmetrical (PCN) pincer complexes of nickel(II) as homogeneous catalysts in ethylene oligomerization. Journal of Organometallic Chemistry, 2021, 949, 121951.	1.8	10
96	Synthesis and reactivity of rhodium(III) pentamethylcyclopentadienyl complexes of Nâ€“Bâ€“PTA(BH3): X-ray crystal structures of [Cpâˆ—RhCl2{Nâ€“B}â€“PTA(BH3)] and [Cpâˆ—Rh{Nâ€“Bâ€“PTA(BH3)}(Î·2-CH2=CHPh)]. Journal of Organometallic Chemistry, 2008, 693, 2397-2406.	1.8	9
97	Zinc Coordination Polymers Containing Isomeric Forms of pâ€(Thiazolyl)benzoic Acid: Blueâ€Emitting Materials with a Solvatochromic Response to Water. European Journal of Inorganic Chemistry, 2017, 2017, 4909-4918.	2.0	9
98	CO2 Electrochemical Reduction by Exohedral N-Pyridine Decorated Metal-Free Carbon Nanotubes. Energies, 2020, 13, 2703.	3.1	9
99	Unsymmetrical nickel (PCN) pincer complexes with a benzothiazole side-arm: Synthesis, characterization and electrochemical properties. Inorganica Chimica Acta, 2021, 517, 120182.	2.4	9
100	Ammoniaâ€“Borane Dehydrogenation Catalyzed by Dual-Mode Proton-Responsive Ir-CNNH Complexes. Inorganic Chemistry, 2021, 60, 18490-18502.	4.0	9
101	Zinc Coordination Polymers Containing the m-(2-thiazolyl)benzoic Acid Spacer: Synthesis, Characterization and Luminescent Properties in Aqueous Solutions. ChemistrySelect, 2016, 1, 1123-1131.	1.5	8
102	Zirconium Metalâ€“Organic Frameworks Containing a Biselenophene Linker: Synthesis, Characterization, and Luminescent Properties. Inorganic Chemistry, 2020, 59, 15832-15841.	4.0	8
103	Electrochemical Generation of Pyrazolyl-Pyridyl N-Heterocyclic Carbene Complexes of Nickel. Russian Journal of Electrochemistry, 2021, 57, 134-140.	0.9	8
104	Synthesis and characterisation of Îº1-P and Îº2-P,N palladium(II) complexes of the open cage water soluble aminophosphine PTN. Inorganica Chimica Acta, 2008, 361, 3017-3023.	2.4	7
105	C ₁ and C_s 2-pyridylethylanilido zirconium(<scp>iv</scp>), yttrium(<scp>iii</scp>) and lutetium(<scp>iii</scp>) complexes: synthesis, characterization and catalytic activity in the isoprene polymerization. New Journal of Chemistry, 2017, 41, 540-551.	2.8	7
106	Palladium Nanosheet-Carbon Black Powder Composites for Selective Hydrogenation of Alkynes to Alkenes. ACS Applied Nano Materials, 2021, 4, 2265-2277.	5.0	7
107	Synthesis of Enantiomerically Enriched Amino Sulfide Building Blocks from Acyclic Chiral Amino Allylsilanes. Journal of Organic Chemistry, 2011, 76, 7415-7422.	3.2	6
108	Hydrogenolysis of Dinuclear PCN R Ligated Pd II Î¼â€Hydroxides and Their Mononuclear Pd II Hydroxide Analogues. Chemistry - A European Journal, 2019, 25, 9920-9929.	3.3	5

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109	(Amido)- and (Chlorido)titanium and -zirconium Complexes Coordinated by ansa -Bis(amidinate) Ligands with a Rigid o -Phenylene Linker. European Journal of Inorganic Chemistry, 2017, 2017, 2736-2744.	2.0	3
110	Chemical Functionalization of Carbon Nanomaterials: Bridging the Gap between Simple Carriers and Smart (Metal-free) Catalysts. Chimia, 2017, 71, 568.	0.6	3
111	Imidazoleâ€Bridged Tetrameric Group(IV) Heteroleptic Complexes from the Spontaneous Metalâ€Ligand Assembly of a Potentially N₄â€Tetradentate Ligand. European Journal of Inorganic Chemistry, 2019, 2019, 4384-4393.	2.0	3
112	UiO-67-derived bithiophene and bithiazole MIXMOFs for luminescence sensing and removal of contaminants of emerging concern in wastewater. Inorganic Chemistry Frontiers, 2021, 9, 90-102.	6.0	3
113	Crystallographic report: (Î·5-C5Me5)Fe(CO)2(BOCH2CH2CH2O): an organoiron complex containing the (trimethyleneglycolato)boryl ligand. Applied Organometallic Chemistry, 2005, 19, 181-182.	3.5	2
114	Exohedrally functionalized carbon-based networks as catalysts for electrochemical syntheses. Current Opinion in Green and Sustainable Chemistry, 2022, 33, 100579.	5.9	2
115	Multimodal hybrid 2D networks via the thiol-epoxide reaction on 1T/2H MoS2 polytypes. Materials Chemistry Frontiers, 2021, 5, 3470-3479.	5.9	1
116	Coordination polymers of d- and f-elements with (1,4-phenylene)dithiazole dicarboxylic acid. Inorganica Chimica Acta, 2022, 537, 120923.	2.4	1
117	Design and Synthesis of Thiazole and Thiazolidine Metallo-Supramolecular Networks. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1312-1315.	1.6	0
118	Editorial for Special Issue â€œFunctional Coordination Polymers and Metalâ€“Organic Frameworksâ€. Inorganics, 2021, 9, 33.	2.7	0