

Andrea Rossin

List of Publications by Year in descending order

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118
papers

4,340
citations

117453

34
h-index

128067

60
g-index

124
all docs

124
docs citations

124
times ranked

5274
citing authors

#	ARTICLE	IF	CITATIONS
1	P ₄ Activation by Late-Transition Metal Complexes. <i>Chemical Reviews</i> , 2010, 110, 4178-4235.	23.0	391
2	Ammonia-Borane and Amine-Borane Dehydrogenation Mediated by Complex Metal Hydrides. <i>Chemical Reviews</i> , 2016, 116, 8848-8872.	23.0	358
3	A Dense Metal-Organic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	11.1	273
4	Induction Heating: An Enabling Technology for the Heat Management in Catalytic Processes. <i>ACS Catalysis</i> , 2019, 9, 7921-7935.	5.5	120
5	FeB Double Bonds: A Synthetic, Structural, and Reaction Chemistry of Cationic Terminal Borylene Complexes. <i>Organometallics</i> , 2004, 23, 2911-2926.	1.1	119
6	Chemically Functionalized Carbon Nanotubes with Pyridine Groups as Easily Tunable N-Decorated Nanomaterials for the Oxygen Reduction Reaction in Alkaline Medium. <i>Chemistry of Materials</i> , 2014, 26, 3460-3470.	3.2	107
7	C-H Oxidative Addition of Bisimidazolium Salts to Iridium and Rhodium Complexes, and N-Heterocyclic Carbene Generation. A Combined Experimental and Theoretical Study. <i>Organometallics</i> , 2006, 25, 1120-1134.	1.1	96
8	Synthesis and Characterization of Terminal [Re(XCO)(CO) ₂ (triphos)] (X=N, P): Isocyanate versus Phosphaethynolate Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14805-14811.	1.7	94
9	Tailoring Carbon Nanotube N-Dopants while Designing Metal-Free Electrocatalysts for the Oxygen Reduction Reaction in Alkaline Medium. <i>ACS Catalysis</i> , 2013, 3, 2108-2111.	5.5	91
10	Metal-Organic Frameworks as Heterogeneous Catalysts in Hydrogen Production from Lightweight Inorganic Hydrides. <i>ACS Catalysis</i> , 2017, 7, 5035-5045.	5.5	88
11	Unraveling Surface Basicity and Bulk Morphology Relationship on Covalent Triazine Frameworks with Unique Catalytic and Gas Adsorption Properties. <i>Advanced Functional Materials</i> , 2017, 27, 1605672.	7.8	72
12	Amine-Templated Polymeric Lanthanide Formates: Synthesis, Characterization, and Applications in Luminescence and Magnetism. <i>Inorganic Chemistry</i> , 2012, 51, 6962-6968.	1.9	69
13	Complexes of a gallium heterocycle with transition metal dicyclopentadienyl and cyclopentadienylcarbonyl fragments, and with a dialkylmanganese compound. <i>Dalton Transactions</i> , 2006, , 3313.	1.6	66
14	Carbonyl analogues? Analysis of Fe-E (E = B, Al, Ga) bonding in cationic terminal diyl complexes by density functional theory. <i>Dalton Transactions</i> , 2004, , 2649-2654.	1.6	65
15	Phase Transitions and CO ₂ Adsorption Properties of Polymeric Magnesium Formate. <i>Crystal Growth and Design</i> , 2008, 8, 3302-3308.	1.4	62
16	Aziridine-Functionalized Multiwalled Carbon Nanotubes: Robust and Versatile Catalysts for the Oxygen Reduction Reaction and Knoevenagel Condensation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30099-30106.	4.0	61
17	Porous Silicon Carbide (SiC): A Chance for Improving Catalysts or Just Another Active-Phase Carrier?. <i>Chemical Reviews</i> , 2021, 121, 10559-10665.	23.0	61
18	Water-Assisted H-H Bond Splitting Mediated by [CpRu(PTA)2Cl] (PTA=1,3,5-triaza-7-phosphaadamantane). A DFT Analysis. <i>Organometallics</i> , 2007, 26, 3289-3296.	1.1	57

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19	Halide Abstraction as a Route to Cationic Transition-Metal Complexes Containing Two-Coordinate Gallium and Indium Ligand Systems. <i>Organometallics</i> , 2005, 24, 5891-5900.	1.1	53
20	“Click” on MOFs: A Versatile Tool for the Multimodal Derivatization of N3-Decorated Metal Organic Frameworks. <i>Chemistry of Materials</i> , 2013, 25, 2297-2308.	3.2	53
21	Chiral Co(II) Metal-Organic Framework in the Heterogeneous Catalytic Oxidation of Alkenes under Aerobic and Anaerobic Conditions. <i>ACS Catalysis</i> , 2014, 4, 1032-1039.	5.5	53
22	The Active Role of the Water Solvent in the Regioselective CO Hydrogenation of Unsaturated Aldehydes by [RuH2(mtpmms)x] in Basic Media. <i>Organometallics</i> , 2006, 25, 5010-5023.	1.1	52
23	Functionalization of Multiwalled Carbon Nanotubes with Cyclic Nitrones for Materials and Composites: Addressing the Role of CNT Sidewall Defects. <i>Chemistry of Materials</i> , 2011, 23, 1923-1938.	3.2	51
24	Fe-Ga multiple bonding? Synthesis, spectroscopic and structural characterization of a transition metal complex containing a cationic two-coordinate gallium centre. <i>Chemical Communications</i> , 2004, , 1732-1733.	2.2	50
25	Acid-Base Interaction between Transition-Metal Hydrides: Dihydrogen Bonding and Dihydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1367-1370.	7.2	50
26	Synthetic and reaction chemistry of heteroatom stabilized boryl and cationic borylene complexes. <i>Dalton Transactions</i> , 2006, , 399-410.	1.6	48
27	Nickel(ii) hydride and fluoride pincer complexes and their reactivity with Lewis acids BX ₃ ·L (X = H, L =) TJ ETQq1 1 0,784314 rgBT /O	1.6	46
28	Amine-templated polymeric Mg formates: crystalline scaffolds exhibiting extensive hydrogen bonding. <i>CrystEngComm</i> , 2012, 14, 4454.	1.3	46
29	Selective B-H versus N-H Bond Activation in Ammonia Borane by [Ir(dppe) ₂ OTf]. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3055-3059.	1.0	44
30	Pyrazole-Based PCN Pincer Complexes of Palladium(II): Mono- and Dinuclear Hydroxide Complexes and Ligand Rollover C-H Activation. <i>Organometallics</i> , 2015, 34, 3998-4010.	1.1	42
31	Synthesis, characterization and CO ₂ uptake of a chiral Co(ii) metal-organic framework containing a thiazolidine-based spacer. <i>Journal of Materials Chemistry</i> , 2012, 22, 10335.	6.7	38
32	Facing Unexpected Reactivity Paths with Zr ^{IV} -Pyridylamido Polymerization Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 671-687.	1.7	37
33	Catalytic amine-borane dehydrogenation by a PCP-pincer palladium complex: a combined experimental and DFT analysis of the reaction mechanism. <i>Dalton Transactions</i> , 2013, 42, 3533.	1.6	37
34	Yttrium-Amidopyridinate Complexes: Synthesis and Characterization of Yttrium-Alkyl and Yttrium-Hydrido Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 608-620.	1.0	36
35	Amino-decorated bis(pyrazolate) metal-organic frameworks for carbon dioxide capture and green conversion into cyclic carbonates. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 533-545.	3.0	36
36	Dimerization Mechanism of Bis(triphenylphosphine)copper(I) Tetrahydroborate: Proton Transfer via a Dihydrogen Bond. <i>Inorganic Chemistry</i> , 2012, 51, 6486-6497.	1.9	34

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37	Comparative DFT Analysis of Ligand and Solvent Effects on the Mechanism of H ₂ Activation in Water Mediated by Half-Sandwich Complexes [Cp* ₂ Ru(PTA) ₂ Cl] (Cp* = C ₅ H ₅) (Tj ETQq1 1 0.784314 19 BT / Overlock 10 11) <i>Organometallics</i> , 2010, 29, 5121-5131.	1.9	32
38	Ammonia Borane Dehydrogenation Catalyzed by (P ^q -EP ₃)Co(H) [EP ₃ = E(CH ₂) ₂ CH ₂ PPH ₂] ₃ ; E = N, P] and H ₂ Evolution from Their Interaction with NH Acids. <i>Inorganic Chemistry</i> , 2017, 56, 4296-4307.	1.9	32
39	Amine Boranes Dehydrogenation Mediated by an Unsymmetrical Iridium Pincer Hydride: (PCN) vs (PCP) Improved Catalytic Performance. <i>Organometallics</i> , 2018, 37, 3142-3153.	1.1	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. <i>Catalysis Science and Technology</i> , 2016, 6, 6226-6236.	2.1	31
41	How to teach an old dog new (electrochemical) tricks: aziridine-functionalized CNTs as efficient electrocatalysts for the selective CO ₂ reduction to CO. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16382-16389.	5.2	31
42	Metal-Ligand Alkyl Migration Inducing Carbon-Sulfur Bond Cleavage in Dialkyl Yttrium Complexes Supported by Thiazole-Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in the Intramolecular Hydroamination Reaction. <i>Chemistry - A European Journal</i> , 2014, 20, 3487-3499.	1.7	30
43	Surface Engineering of Chemically Exfoliated MoS ₂ in a "Click" How To Generate Versatile Multifunctional Transition Metal Dichalcogenides-Based Platforms. <i>Chemistry of Materials</i> , 2018, 30, 8257-8269.	3.2	29
44	Nitro-Functionalized Bis(pyrazolate) Metal-Organic Frameworks as Carbon Dioxide Capture Materials under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2018, 24, 13170-13180.	1.7	29
45	Cobalt(II) Bipyrazolate Metal-Organic Frameworks as Heterogeneous Catalysts in Cumene Aerobic Oxidation: A Tag-Dependent Selectivity. <i>Inorganic Chemistry</i> , 2020, 59, 8161-8172.	1.9	29
46	Can nitrones functionalize carbon nanotubes?. <i>Chemical Communications</i> , 2010, 46, 252-254.	2.2	28
47	Tuning Carbon Dioxide Adsorption Affinity of Zinc(II) MOFs by Mixing Bis(pyrazolate) Ligands with N-Containing Tags. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26956-26969.	4.0	28
48	Selective synthesis of 2-substituted 4-carboxy oxazoles, thiazoles and thiazolidines from serine or cysteine amino acids. <i>Tetrahedron</i> , 2011, 67, 267-274.	1.0	27
49	Benzoimidazole-Pyridylamido Zirconium and Hafnium Alkyl Complexes as Homogeneous Catalysts for Tandem Carbon Dioxide Hydrosilylation to Methane. <i>ChemCatChem</i> , 2019, 11, 495-510.	1.8	27
50	H ₂ production from lightweight inorganic hydrides catalyzed by 3d transition metals. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25746-25776.	3.8	25
51	Group IV Organometallic Compounds Based on Dianionic "Pincer" Ligands: Synthesis, Characterization, and Catalytic Activity in Intramolecular Hydroamination Reactions. <i>Chemistry - A European Journal</i> , 2013, 19, 4906-4921.	1.7	24
52	Organolanthanide Complexes Supported by Thiazole-Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in Isoprene Polymerization. <i>Organometallics</i> , 2014, 33, 7125-7134.	1.1	24
53	Computational screening, synthesis and testing of metal-organic frameworks with a bithiazole linker for carbon dioxide capture and its green conversion into cyclic carbonates. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 1000-1013.	1.7	24
54	Coordination Chemistry of Thiazole-Based Ligands: New Complexes Generating 3D Hydrogen-Bonded Architectures. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 539-548.	1.0	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: The Blue-Shift Hydrogen Bond. Organometallics, 2006, 25, 5024-5030.	1.1	22
57	Palladium(II) pyrazolyl-pyridyl complexes containing a sterically hindered N-heterocyclic carbene moiety for the Suzuki-Miyaura cross-coupling reaction. Inorganica Chimica Acta, 2018, 470, 100-105.	1.2	22
58	Thiazole- and Thiadiazole-Based Metal-Organic Frameworks and Coordination Polymers for Luminescent Applications. Inorganics, 2019, 7, 144.	1.2	22
59	Highly Nickel-Loaded Al ₂ O ₃ Composites for a Radiofrequency-Heated, Low-Temperature CO ₂ Methanation Scheme. ChemSusChem, 2020, 13, 5468-5479.	3.6	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.	2.7	22
61	Intramolecular C-H Bond Metathesis/Protonolysis on Zirconium(IV) and Hafnium(IV) Pyridylamido Olefin Polymerization Catalyst Precursors: Exploring Unexpected Reactivity Paths. Inorganic Chemistry, 2010, 49, 6811-6813.	1.9	21
62	Hydrogen Uptake by {H[Mg(HCOO) ₃] ₂ ·fNHMe ₂ } ₂ and Determination of Its H ₂ Adsorption Sites through Monte Carlo Simulations. Langmuir, 2011, 27, 10124-10131.	1.6	21
63	Intramolecular Hydroamination Reactions Catalyzed by Neutral and Cationic Group-IV Pyridylamido Complexes. ChemCatChem, 2013, 5, 1142-1151.	1.8	21
64	Dihydrogen Bonding in Complex (PP ₃)RuH(Ī ¹ -BH ₄) Featuring Two Proton-Accepting Hydride Sites: Experimental and Theoretical Studies. Inorganic Chemistry, 2014, 53, 1080-1090.	1.9	21
65	Unsymmetrical pyrazole-based PCN pincer Ni(II) halides: Reactivity and catalytic activity in ethylene oligomerization. Journal of Organometallic Chemistry, 2020, 912, 121163.	0.8	21
66	Cyclopentadienyl Ruthenium(II) Complexes with Bridging Alkynylphosphine Ligands: Synthesis and Electrochemical Studies. Chemistry - A European Journal, 2009, 15, 11985-11998.	1.7	20
67	A New Cobalt(II)-Layered Network Based on Phenyl(carboxymethyl) Phosphinate. European Journal of Inorganic Chemistry, 2010, 2010, 3179-3184.	1.0	19
68	Dihydrogen Bonding and Proton Transfer from MH and OH Acids to Group 10 Metal Hydrides [(^η -Bu ₃ PCP)MH] [^η -Bu ₃ PCP = (^η -Bu ₃ PCP) ₂ ·6(^η -Bu ₂ PCH ₂) ₂ C ₆ H ₃]; M = Ni, Pd]. European Journal of Inorganic Chemistry, 2016, 2016, 1415-1424.	1.0	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.	1.6	19
70	Mechanistic Studies on the Interaction of [(^η -P ₃ -iP ₃)-iP ₃ -NP ₃]IrH ₃ [NP ₃ = N(CH ₂ CH ₂ PPH ₂) ₃] with HBF ₄ and Fluorinated Alcohols by Combined NMR, IR, and DFT Techniques. Inorganic Chemistry, 2010, 49, 4343-4354.	1.9	18
71	1D and 2D Thiazole-Based Copper(II) Coordination Polymers: Synthesis and Applications in Carbon Dioxide Capture. ChemPlusChem, 2014, 79, 406-412.	1.3	18
72	Chemical Hydrogen Storage: Ammonia Borane Dehydrogenation Catalyzed by NP ₃ Ruthenium Hydrides (NP ₃ =N(CH ₂ CH ₂ PPH ₂) ₃). ChemPlusChem, 2014, 79, 1316-1325.	1.3	18

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73	Steric control on the redox chemistry of $(\text{I}^5\text{-C}_9\text{H}_7)_2\text{YbII}(\text{THF})_2$ by 6-aryl substituted iminopyridines. Dalton Transactions, 2011, 40, 10568.	1.6	16
74	Structural features and applications of metal-organic frameworks containing thiazole- and thiazolidine-based spacers. CrystEngComm, 2015, 17, 218-228.	1.3	16
75	Pyridine-decorated carbon nanotubes as a metal-free heterogeneous catalyst for mild CO ₂ reduction to methanol with hydroboranes. Catalysis Science and Technology, 2017, 7, 5833-5837.	2.1	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.	1.6	15
77	Two pathways of proton transfer reaction to $(\text{triphos})\text{Cu}(\text{I}^{\text{sup}}\text{-BH}^{\text{sub}}_4)$ via a dihydrogen bond [triphos = 1,1,1-tris(diphenylphosphinomethyl)ethane]. Dalton Transactions, 2016, 45, 9127-9135.	1.6	14
78	Temperature-Dependent Nitrous Oxide/Carbon Dioxide Preferential Adsorption in a Thiazolium-Functionalized NU-1000 Metal-Organic Framework. ACS Applied Materials & Interfaces, 2021, 13, 58982-58993.	4.0	14
79	Novel yttrium and zirconium catalysts featuring reduced Ar-BIANH ₂ ligands for olefin hydroamination (Ar-BIANH ₂ = bis-arylaminoacenaphthylene). New Journal of Chemistry, 2016, 40, 10285-10293.	1.4	13
80	Binuclear Copper(I) Borohydride Complex Containing Bridging Bis(diphenylphosphino) Methane Ligands: Polymorphic Structures of $[(\mu_2\text{-dppm})_2\text{Cu}_2(\text{I}^{\text{-}}\text{-BH}_4)_2]$ Dichloromethane Solvate. Crystals, 2017, 7, 318.	1.0	13
81	Bifunctional activation of amine-boranes by the W/Pd bimetallic analogs of frustrated Lewis pairs. Chemical Science, 2021, 12, 3682-3692.	3.7	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.	1.9	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.	3.2	12
84	Playing with covalent triazine framework tiles for improved CO ₂ adsorption properties and catalytic performance. Beilstein Journal of Nanotechnology, 2019, 10, 1217-1227.	1.5	12
85	Tailoring morphological and chemical properties of covalent triazine frameworks for dual CO ₂ and H ₂ adsorption. International Journal of Hydrogen Energy, 2022, 47, 8434-8445.	3.8	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.	3.2	12
87	Competition between the Hydride Ligands of Two Types in Proton Transfer to $[\{\text{I}^3\text{-P-CH}_3\text{C}(\text{CH}_2\text{CH}_2\text{PPh}_2)_3\}\text{RuH}(\text{I}^{\text{-}}\text{-BH}_4)]$. European Journal of Inorganic Chemistry, 2017, 2017, 4673-4682.	1.0	11
88	Second Youth of a Metal-Free Dehydrogenation Catalyst: When $\text{I}^3\text{-Al}_2\text{O}_3$ Meets Coke Under Oxygen- and Steam-Free Conditions. ACS Catalysis, 2019, 9, 9474-9484.	5.5	11
89	Ammonia borane and hydrazine bis(borane) dehydrogenation mediated by an unsymmetrical (PNN) ruthenium pincer hydride: metal-ligand cooperation for hydrogen production. Sustainable Energy and Fuels, 2019, 3, 2583-2596.	2.5	11
90	Carbon Dioxide Capture and Utilization with Isomeric Forms of Bis(amino)-tagged Zinc Bipyrazolate Metal-Organic Frameworks. Chemistry - A European Journal, 2021, 27, 4746-4754.	1.7	11

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91	A Hetero-Bifunctional Spacer for the Smart Engineering of Carbon-Based Nanostructures. <i>ChemPlusChem</i> , 2015, 80, 704-714.	1.3	10
92	Dioxomolybdenum(VI) Complexes with Salicylamide Ligands: Synthesis, Structure, and Catalysis in the Epoxidation of Olefins under Eco-Friendly Conditions. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 221-229.	1.0	10
93	Binuclear 3,3',5,5'-tetramethyl-1H,4,4'-bipyrazole Ruthenium(II) complexes: Synthesis, characterization and biological studies. <i>Inorganica Chimica Acta</i> , 2020, 513, 119902.	1.2	10
94	Metal-Organic Frameworks in Italy: From synthesis and advanced characterization to theoretical modeling and applications. <i>Coordination Chemistry Reviews</i> , 2021, 437, 213861.	9.5	10
95	Benzothiazole- vs. pyrazole-based unsymmetrical (PCN) pincer complexes of nickel(II) as homogeneous catalysts in ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2021, 949, 121951.	0.8	10
96	Synthesis and reactivity of rhodium(III) pentamethylcyclopentadienyl complexes of N-B-PTA(BH ₃): X-ray crystal structures of [Cp-RhCl ₂ {N-B-PTA(BH ₃)}] and [Cp-Rh{N-B-PTA(BH ₃)}(1-2-CH=CHPh)]. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2397-2406.	1.8	9
97	Zinc Coordination Polymers Containing Isomeric Forms of (Thiazolyl)benzoic Acid: Blue-Emitting Materials with a Solvatochromic Response to Water. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4909-4918.	1.0	9
98	CO ₂ Electrochemical Reduction by Exohedral N-Pyridine Decorated Metal-Free Carbon Nanotubes. <i>Energies</i> , 2020, 13, 2703.	1.6	9
99	Unsymmetrical nickel (PCN) pincer complexes with a benzothiazole side-arm: Synthesis, characterization and electrochemical properties. <i>Inorganica Chimica Acta</i> , 2021, 517, 120182.	1.2	9
100	Ammonia-Borane Dehydrogenation Catalyzed by Dual-Mode Proton-Responsive Ir-CNNH Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 18490-18502.	1.9	9
101	Zinc Coordination Polymers Containing the m-(2-thiazolyl)benzoic Acid Spacer: Synthesis, Characterization and Luminescent Properties in Aqueous Solutions. <i>ChemistrySelect</i> , 2016, 1, 1123-1131.	0.7	8
102	Zirconium Metal-Organic Frameworks Containing a Biselenophene Linker: Synthesis, Characterization, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2020, 59, 15832-15841.	1.9	8
103	Electrochemical Generation of Pyrazolyl-Pyridyl N-Heterocyclic Carbene Complexes of Nickel. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 134-140.	0.3	8
104	Synthesis and characterisation of 1-P and 2-P,N palladium(II) complexes of the open cage water soluble aminophosphine PTN. <i>Inorganica Chimica Acta</i> , 2008, 361, 3017-3023.	1.2	7
105	C ₁ and C _s 2-pyridylethylanilido zirconium(IV), yttrium(III) and lutetium(III) complexes: synthesis, characterization and catalytic activity in the isoprene polymerization. <i>New Journal of Chemistry</i> , 2017, 41, 540-551.	1.4	7
106	Palladium Nanosheet-Carbon Black Powder Composites for Selective Hydrogenation of Alkynes to Alkenes. <i>ACS Applied Nano Materials</i> , 2021, 4, 2265-2277.	2.4	7
107	Synthesis of Enantiomerically Enriched Amino Sulfide Building Blocks from Acyclic Chiral Amino Allylsilanes. <i>Journal of Organic Chemistry</i> , 2011, 76, 7415-7422.	1.7	6
108	Hydrogenolysis of Dinuclear PCN R Ligated Pd II Hydroxides and Their Mononuclear Pd II Hydroxide Analogues. <i>Chemistry - A European Journal</i> , 2019, 25, 9920-9929.	1.7	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. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2736-2744.	1.0	3
110	Chemical Functionalization of Carbon Nanomaterials: Bridging the Gap between Simple Carriers and Smart (Metal-free) Catalysts. <i>Chimia</i> , 2017, 71, 568.	0.3	3
111	Imidazoleâ€Bridged Tetrameric Group(IV) Heteroleptic Complexes from the Spontaneous Metalâ€Ligand Assembly of a Potentially <i><i>N</i><sub>4</sub></i> â€Tetradentate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4384-4393.	1.0	3
112	UiO-67-derived bithiophene and bithiazole MIXMOFs for luminescence sensing and removal of contaminants of emerging concern in wastewater. <i>Inorganic Chemistry Frontiers</i> , 2021, 9, 90-102.	3.0	3
113	Crystallographic report: (Î-5-C5Me5)Fe(CO)2(BOCH2CH2CH2O): an organoiron complex containing the (trimethyleneglycolato)boryl ligand. <i>Applied Organometallic Chemistry</i> , 2005, 19, 181-182.	1.7	2
114	Exohedrally functionalized carbon-based networks as catalysts for electrochemical syntheses. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 33, 100579.	3.2	2
115	Multimodal hybrid 2D networks via the thiol-epoxide reaction on 1T/2H MoS2 polytypes. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3470-3479.	3.2	1
116	Coordination polymers of d- and f-elements with (1,4-phenylene)dithiazole dicarboxylic acid. <i>Inorganica Chimica Acta</i> , 2022, 537, 120923.	1.2	1
117	Design and Synthesis of Thiazole and Thiazolidine Metallo-Supramolecular Networks. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1312-1315.	0.8	0
118	Editorial for Special Issue â€œFunctional Coordination Polymers and Metalâ€Organic Frameworksâ€• <i>Inorganics</i> , 2021, 9, 33.	1.2	0