

# Andrea Rossin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3009589/publications.pdf>

Version: 2024-02-01

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	Tailoring morphological and chemical properties of covalent triazine frameworks for dual CO <sub>2</sub> and H <sub>2</sub> adsorption. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 8434-8445.	3.8	12
2	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
3	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
4	Graphite Felt-Sandwiched Ni/SiC Catalysts for the Induction Versus Joule-Heated Sabatier Reaction: Assessing the Catalyst Temperature at the Nanoscale. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 622-632.	3.2	12
5	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
6	Multimodal hybrid 2D networks via the thiol-epoxide reaction on 1T/2H MoS <sub>2</sub> polytypes. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3470-3479.	3.2	1
7	Carbon Dioxide Capture and Utilization with Isomeric Forms of Bis(amino)-tagged Zinc Bipyrazolate Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021, 27, 4746-4754.	1.7	11
8	Electrochemical Generation of Pyrazolyl-Pyridyl N-Heterocyclic Carbene Complexes of Nickel. <i>Russian Journal of Electrochemistry</i> , 2021, 57, 134-140.	0.3	8
9	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
10	Editorial for Special Issue "Functional Coordination Polymers and Metal-Organic Frameworks". <i>Inorganics</i> , 2021, 9, 33.	1.2	0
11	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
12	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
13	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
14	Bifunctional activation of amine-boranes by the W/Pd bimetallic analogs of "frustrated Lewis pairs". <i>Chemical Science</i> , 2021, 12, 3682-3692.	3.7	13
15	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
16	Ammonia-Borane Dehydrogenation Catalyzed by Dual-Mode Proton-Responsive Ir-CNNH Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 18490-18502.	1.9	9
17	Temperature-Dependent Nitrous Oxide/Carbon Dioxide Preferential Adsorption in a Thiazolium-Functionalized NU-1000 Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 58982-58993.	4.0	14
18	Bis(alkyl) scandium and yttrium complexes coordinated by an amidopyridinate ligand: synthesis, characterization and catalytic performance in isoprene polymerization, hydroelementation and carbon dioxide hydrosilylation. <i>Dalton Transactions</i> , 2020, 49, 638-650.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Zirconium Metal-Organic Frameworks Containing a Biselenophene Linker: Synthesis, Characterization, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2020, 59, 15832-15841.	1.9	8
20	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
21	Highly Nickel-Loaded $\gamma$ -Alumina Composites for a Radiofrequency-Heated, Low-Temperature $\text{CO}_2$ Methanation Scheme. <i>ChemSusChem</i> , 2020, 13, 5468-5479.	3.6	22
22	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
23	$\text{CO}_2$ Electrochemical Reduction by Exohedral N-Pyridine Decorated Metal-Free Carbon Nanotubes. <i>Energies</i> , 2020, 13, 2703.	1.6	9
24	Unsymmetrical pyrazole-based PCN pincer Nill halides: Reactivity and catalytic activity in ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2020, 912, 121163.	0.8	21
25	Benzothiazolium-functionalized NU-1000: a versatile material for carbon dioxide adsorption and cyanide luminescence sensing. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7492-7500.	2.7	22
26	Induction Heating: An Enabling Technology for the Heat Management in Catalytic Processes. <i>ACS Catalysis</i> , 2019, 9, 7921-7935.	5.5	120
27	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
28	Tuning Carbon Dioxide Adsorption Affinity of Zinc(II) MOFs by Mixing Bis(pyrazolate) Ligands with N-Containing Tags. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 26956-26969.	4.0	28
29	$\text{H}_2$ production from lightweight inorganic hydrides catalyzed by 3d transition metals. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25746-25776.	3.8	25
30	Imidazole-Bridged Tetrameric Group(IV) Heteroleptic Complexes from the Spontaneous Metal-Ligand Assembly of a Potentially $\text{N}_4$ -Tetradentate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4384-4393.	1.0	3
31	Second Youth of a Metal-Free Dehydrogenation Catalyst: When $\text{Al}_2\text{O}_3$ Meets Coke Under Oxygen- and Steam-Free Conditions. <i>ACS Catalysis</i> , 2019, 9, 9474-9484.	5.5	11
32	Engineered Nitrogen-Decorated Carbon Networks for the Metal-Free Catalytic Isomerization of Glucose to Fructose. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16959-16963.	3.2	12
33	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
34	Playing with covalent triazine framework tiles for improved $\text{CO}_2$ adsorption properties and catalytic performance. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1217-1227.	1.5	12
35	Ammonia borane and hydrazine bis(borane) dehydrogenation mediated by an unsymmetrical (PNN) ruthenium pincer hydride: metal-ligand cooperation for hydrogen production. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2583-2596.	2.5	11
36	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

#	ARTICLE	IF	CITATIONS
37	Thiazole- and Thiadiazole-Based Metal-Organic Frameworks and Coordination Polymers for Luminescent Applications. <i>Inorganics</i> , 2019, 7, 144.	1.2	22
38	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
39	Halogen-Bonding Interactions and Electrochemical Properties of Unsymmetrical Pyrazole Pincer Ni <sup>II</sup> Halides: A Peculiar Behavior of the Fluoride Complex (PCN)NiF. <i>ACS Omega</i> , 2019, 4, 1118-1129.	1.6	19
40	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
41	Palladium(II) pyrazolyl-pyridyl complexes containing a sterically hindered N-heterocyclic carbene moiety for the Suzuki-Miyaura cross-coupling reaction. <i>Inorganica Chimica Acta</i> , 2018, 470, 100-105.	1.2	22
42	Surface Engineering of Chemically Exfoliated MoS <sub>2</sub> 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
43	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
44	How to teach an old dog new (electrochemical) tricks: aziridine-functionalized CNTs as efficient electrocatalysts for the selective CO <sub>2</sub> reduction to CO. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16382-16389.	5.2	31
45	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
46	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
47	(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
48	C <sub>1</sub> and C <sub>s</sub> -2-pyridylethylanilido zirconium( <sup>iv</sup> ), yttrium( <sup>iii</sup> ) and lutetium( <sup>iii</sup> ) complexes: synthesis, characterization and catalytic activity in the isoprene polymerization. <i>New Journal of Chemistry</i> , 2017, 41, 540-551.	1.4	7
49	Metal-Organic Frameworks as Heterogeneous Catalysts in Hydrogen Production from Lightweight Inorganic Hydrides. <i>ACS Catalysis</i> , 2017, 7, 5035-5045.	5.5	88
50	Ammonia Borane Dehydrogenation Catalyzed by (P <sup>4</sup> -EP <sub>3</sub> )Co(H) [EP <sub>3</sub> = E(CH <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> PPH <sub>2</sub> ) <sub>3</sub> ; E = N, P] and H <sub>2</sub> Evolution from Their Interaction with NH Acids. <i>Inorganic Chemistry</i> , 2017, 56, 4296-4307.	1.9	32
51	Pyridine-decorated carbon nanotubes as a metal-free heterogeneous catalyst for mild CO <sub>2</sub> reduction to methanol with hydroboranes. <i>Catalysis Science and Technology</i> , 2017, 7, 5833-5837.	2.1	15
52	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
53	Competition between the Hydride Ligands of Two Types in Proton Transfer to [(P <sub>3</sub> -P-CH <sub>3</sub> C(CH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> )RuH(1-2-BH <sub>4</sub> )]. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4673-4682.	1.0	11
54	Binuclear Copper(I) Borohydride Complex Containing Bridging Bis(diphenylphosphino) Methane Ligands: Polymorphic Structures of [(P <sub>2</sub> -dppm) <sub>2</sub> Cu <sub>2</sub> (1-2-BH <sub>4</sub> ) <sub>2</sub> ] Dichloromethane Solvate. <i>Crystals</i> , 2017, 7, 318.	1.0	13

#	ARTICLE	IF	CITATIONS
55	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
56	Dihydrogen Bonding and Proton Transfer from MH and OH Acids to Group 10 Metal Hydrides [( <sup>t</sup> Bu <sup>3</sup> PCP)MH] [ <sup>t</sup> Bu <sup>2</sup> PCP = <sup>3</sup> â€“( <sup>t</sup> Bu <sub>2</sub> PCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ]; M = Ni, Pd]. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1415-1424.	1.0	19
57	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
58	Ammoniaâ€“Borane and Amineâ€“Borane Dehydrogenation Mediated by Complex Metal Hydrides. <i>Chemical Reviews</i> , 2016, 116, 8848-8872.	23.0	358
59	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
60	Two pathways of proton transfer reaction to (triphos)Cu( <sup>1</sup> -BH <sub>4</sub> ) via a dihydrogen bond [triphos = 1,1,1-tris(diphenylphosphinomethyl)ethane]. <i>Dalton Transactions</i> , 2016, 45, 9127-9135.	1.6	14
61	Novel yttrium and zirconium catalysts featuring reduced Ar-BIANH <sub>2</sub> ligands for olefin hydroamination (Ar-BIANH <sub>2</sub> = bis-arylaminoacenaphthylene). <i>New Journal of Chemistry</i> , 2016, 40, 10285-10293.	1.4	13
62	Aziridine-Functionalized Multiwalled Carbon Nanotubes: Robust and Versatile Catalysts for the Oxygen Reduction Reaction and Knoevenagel Condensation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30099-30106.	4.0	61
63	A Heteroâ€“Bifunctional Spacer for the Smart Engineering of Carbonâ€“Based Nanostructures. <i>ChemPlusChem</i> , 2015, 80, 704-714.	1.3	10
64	Pyrazole-Based PCN Pincer Complexes of Palladium(II): Mono- and Dinuclear Hydroxide Complexes and Ligand Rollover Câ€“H Activation. <i>Organometallics</i> , 2015, 34, 3998-4010.	1.1	42
65	Structural features and applications of metalâ€“organic frameworks containing thiazole- and thiazolidine-based spacers. <i>CrystEngComm</i> , 2015, 17, 218-228.	1.3	16
66	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
67	Metalâ€“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. <i>Chemistry - A European Journal</i> , 2014, 20, 3487-3499.	1.7	30
68	1D and 2D Thiazoleâ€“Based Copper(II) Coordination Polymers: Synthesis and Applications in Carbon Dioxide Capture. <i>ChemPlusChem</i> , 2014, 79, 406-412.	1.3	18
69	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
70	Chiral Co(II) Metalâ€“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
71	Dihydrogen Bonding in Complex (PP <sub>3</sub> )RuH( <sup>1</sup> -BH <sub>4</sub> ) Featuring Two Proton-Accepting Hydride Sites: Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2014, 53, 1080-1090.	1.9	21
72	Chemical Hydrogen Storage: Ammonia Borane Dehydrogenation Catalyzed by NP <sub>3</sub> Ruthenium Hydrides (NP <sub>3</sub> =N(CH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> ). <i>ChemPlusChem</i> , 2014, 79, 1316-1325.	1.3	18

#	ARTICLE	IF	CITATIONS
73	Intramolecular Hydroamination Reactions Catalyzed by Neutral and Cationic Groupâ€¦IV Pyridylamido Complexes. <i>ChemCatChem</i> , 2013, 5, 1142-1151.	1.8	21
74	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
75	A Dense Metalâ€œOrganic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	11.1	273
76	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
77	Interaction between a Transition-Metal Fluoride and a Transition-Metal Hydride: Water-Mediated Hydrofluoric Acid Evolution Following Fluoride Solvation. <i>Inorganic Chemistry</i> , 2013, 52, 12616-12623.	1.9	12
78	Group IV Organometallic Compounds Based on Dianionic â€œPincerâ€•Ligands: Synthesis, Characterization, and Catalytic Activity in Intramolecular Hydroamination Reactions. <i>Chemistry - A European Journal</i> , 2013, 19, 4906-4921.	1.7	24
79	â€œClickâ€•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
80	Synthesis, characterization and CO2 uptake of a chiral Co(ii) metalâ€œorganic framework containing a thiazolidine-based spacer. <i>Journal of Materials Chemistry</i> , 2012, 22, 10335.	6.7	38
81	Synthesis and Characterization of Terminal [Re(XCO)(CO) <sub>2</sub> (triphos)] (X=N, P): Isocyanate versus Phosphaethynolate Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14805-14811.	1.7	94
82	Amine-templated polymeric Mg formates: crystalline scaffolds exhibiting extensive hydrogen bonding. <i>CrystEngComm</i> , 2012, 14, 4454.	1.3	46
83	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
84	Amine-Templated Polymeric Lanthanide Formates: Synthesis, Characterization, and Applications in Luminescence and Magnetism. <i>Inorganic Chemistry</i> , 2012, 51, 6962-6968.	1.9	69
85	Facing Unexpected Reactivity Paths with Zr <sup>IV</sup> â€œPyridylamido Polymerization Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 671-687.	1.7	37
86	Steric control on the redox chemistry of (Î-5-C9H7)2YbII(THF)2 by 6-aryl substituted iminopyridines. <i>Dalton Transactions</i> , 2011, 40, 10568.	1.6	16
87	Nickel(ii) hydride and fluoride pincer complexes and their reactivity with Lewis acids BX3â€•L (X = H, L =) <a href="#">Tj ETQq1 1 0,784314 rgBT /Over</a>	1.6	46
88	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
89	Hydrogen Uptake by {H[Mg(HCOO) <sub>3</sub> ]}â€šfNHMe <sub>2</sub> and Determination of Its H <sub>2</sub> Adsorption Sites through Monte Carlo Simulations. <i>Langmuir</i> , 2011, 27, 10124-10131.	1.6	21
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	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
95	$P_4$ Activation by Late-Transition Metal Complexes. <i>Chemical Reviews</i> , 2010, 110, 4178-4235.	23.0	391
96	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
97	A New Cobalt(II)-Layered Network Based on Phenyl(carboxymethyl) Phosphinate. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3179-3184.	1.0	19
98	Intramolecular $\beta$ -Bond Metathesis/Protonolysis on Zirconium(IV) and Hafnium(IV) Pyridylamido Olefin Polymerization Catalyst Precursors: Exploring Unexpected Reactivity Paths. <i>Inorganic Chemistry</i> , 2010, 49, 6811-6813.	1.9	21
99	Comparative DFT Analysis of Ligand and Solvent Effects on the Mechanism of $H_2$ Activation in Water Mediated by Half-Sandwich Complexes $[Cp^*Ru(PTA)_2Cl]$ ( $Cp^* = \eta^5-C_5Me_5$ ). <i>Organometallics</i> , 2010, 29, 5121-5131.	1.0	19
100	Mechanistic Studies on the Interaction of $[(P^3-PPH)_3IrH_3]$ [ $P^3 = N(CH_2)_2CH_2PPH_2$ ] with $HBF_4$ and Fluorinated Alcohols by Combined NMR, IR, and DFT Techniques. <i>Inorganic Chemistry</i> , 2010, 49, 4343-4354.	1.9	18
101	Can nitrones functionalize carbon nanotubes?. <i>Chemical Communications</i> , 2010, 46, 252-254.	2.2	28
102	Cyclopentadienyl Ruthenium(II) Complexes with Bridging Alkynylphosphine Ligands: Synthesis and Electrochemical Studies. <i>Chemistry - A European Journal</i> , 2009, 15, 11985-11998.	1.7	20
103	Selective B-H versus N-H Bond Activation in Ammonia Borane by $[Ir(dppm)_2]OTf$ . <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3055-3059.	1.0	44
104	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 $[Cp^*Rh\{N-B-PTA(BH_3)\}(\eta^2-CH_2=CHPh)]$ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2397-2406.	1.8	9
105	Synthesis and characterisation of $\eta^1$ -P and $\eta^2$ -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
106	Phase Transitions and $CO_2$ Adsorption Properties of Polymeric Magnesium Formate. <i>Crystal Growth and Design</i> , 2008, 8, 3302-3308.	1.4	62
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Synthetic and reaction chemistry of heteroatom stabilized boryl and cationic borylene complexes. Dalton Transactions, 2006, , 399-410.	1.6	48
110	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
111	The Active Role of the Water Solvent in the Regioselective CO Hydrogenation of Unsaturated Aldehydes by [RuH <sub>2</sub> (mtppps) <sub>x</sub> ] in Basic Media. Organometallics, 2006, 25, 5010-5023.	1.1	52
112	C-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.	1.1	96
113	Crystallographic report: (Î-5-C <sub>5</sub> Me <sub>5</sub> )Fe(CO) <sub>2</sub> (BOCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> O): an organoiron complex containing the (trimethyleneglycolato)boryl ligand. Applied Organometallic Chemistry, 2005, 19, 181-182.	1.7	2
114	Halide Abstraction as a Route to Cationic Transition-Metal Complexes Containing Two-Coordinate Gallium and Indium Ligand Systems. Organometallics, 2005, 24, 5891-5900.	1.1	53
115	Fe-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.	2.2	50
116	Carbonyl analogues? Analysis of Fe-E (E = B, Al, Ga) bonding in cationic terminal diyl complexes by density functional theory. Dalton Transactions, 2004, , 2649-2654.	1.6	65
117	FeB Double Bonds: Synthetic, Structural, and Reaction Chemistry of Cationic Terminal Borylene Complexes. Organometallics, 2004, 23, 2911-2926.	1.1	119
118	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