

Gongzhen Cheng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3992865/gongzhen-cheng-publications-by-year.pdf>

Version: 2024-04-29

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.

173
papers

8,108
citations

53
h-index

83
g-index

179
ext. papers

9,546
ext. citations

6.9
avg, IF

6.66
L-index

#	Paper	IF	Citations
173	Boosting Hydrogen Oxidation Performance of Phase-Engineered Ni Electrocatalyst under Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 3682-3689	8.3	2
172	Boosting alkaline hydrogen evolution electrocatalysis through electronic communicating vessels on Co ₂ P/Co ₄ N heterostructure catalyst. <i>Chemical Engineering Journal</i> , 2021 , 433, 133831	14.7	3
171	Enhanced catalytic activity of Ru through N modification toward alkaline hydrogen electrocatalysis. <i>Chinese Chemical Letters</i> , 2021 , 33, 1065-1065	8.1	3
170	Constructing the CoO/Co ₄ N heterostructure with an optimized electronic structure to boost alkaline hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18208-18212	13	6
169	A bimetal hierarchical layer structure MOF grown on Ni foam as a bifunctional catalyst for the OER and HER. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2889-2899	6.8	11
168	Ultrafine phosphorus-doped rhodium for enhanced hydrogen electrocatalysis in alkaline electrolytes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11923-11927	13	17
167	IrMo Nanocatalysts for Efficient Alkaline Hydrogen Electrocatalysis. <i>ACS Catalysis</i> , 2020 , 10, 7322-7327	13.1	39
166	Nickel-iron borate coated nickel-iron boride hybrid for highly stable and active oxygen evolution electrocatalysis. <i>Chinese Chemical Letters</i> , 2020 , 31, 2469-2472	8.1	15
165	Oxygen-Vacancy-Induced CeO ₂ /Co ₄ N heterostructures toward enhanced pH-Universal hydrogen evolution reactions. <i>Applied Catalysis B: Environmental</i> , 2020 , 277, 119282	21.8	74
164	A facile synthesis of an Fe/N-doped ultrathin carbon sheet for highly efficient oxygen reduction reaction. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4652-4660	6.8	2
163	Inter-regulated d-band centers of the NiB/Ni heterostructure for boosting hydrogen electrooxidation in alkaline media. <i>Chemical Science</i> , 2020 , 11, 12118-12123	9.4	25
162	Phosphorus-Induced Activation of Ruthenium for Boosting Hydrogen Oxidation and Evolution Electrocatalysis. <i>ACS Catalysis</i> , 2020 , 10, 11751-11757	13.1	52
161	CoP-Doped MOF-Based Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4679-4684	16.4	348
160	Nitrogen Engineering on 3D Dandelion-Flower-Like CoS for High-Performance Overall Water Splitting. <i>Small</i> , 2019 , 15, e1901993	11	76
159	Decorating WSe ₂ nanosheets with ultrafine Ru nanoparticles for boosting electrocatalytic hydrogen evolution in alkaline electrolytes. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1382-1387	6.8	15
158	Nitrogen-doped CoP as robust electrocatalyst for high-efficiency pH-universal hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2019 , 253, 21-27	21.8	92
157	Tailoring the Electronic Structure of Co ₂ P by N Doping for Boosting Hydrogen Evolution Reaction at All pH Values. <i>ACS Catalysis</i> , 2019 , 9, 3744-3752	13.1	231

156	Self-Sacrificial Template-Directed Vapor-Phase Growth of MOF Assemblies and Surface Vulcanization for Efficient Water Splitting. <i>Advanced Materials</i> , 2019 , 31, e1806672	24	174
155	IrW nanobranches as an advanced electrocatalyst for pH-universal overall water splitting. <i>Nanoscale</i> , 2019 , 11, 8898-8905	7.7	44
154	Enhanced HOR catalytic activity of PGM-free catalysts in alkaline media: the electronic effect induced by different heteroatom doped carbon supports. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10936-10947	13.2	55
153	CoP-Doped MOF-Based Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019 , 131, 4727-4732	3.6	56
152	Boosting Hydrogen Oxidation Activity of Ni in Alkaline Media through Oxygen-Vacancy-Rich CeO ₂ /Ni Heterostructures. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14179-14183	16.4	105
151	Boosting Hydrogen Oxidation Activity of Ni in Alkaline Media through Oxygen-Vacancy-Rich CeO ₂ /Ni Heterostructures. <i>Angewandte Chemie</i> , 2019 , 131, 14317-14321	3.6	25
150	Synergistically Tuning Water and Hydrogen Binding Abilities Over Co ₄ N by Cr Doping for Exceptional Alkaline Hydrogen Evolution Electrocatalysis. <i>Advanced Energy Materials</i> , 2019 , 9, 1902449	21.8	131
149	Rhodium Phosphide: A New Type of Hydrogen Oxidation Reaction Catalyst with Non-Linear Correlated Catalytic Response to pH. <i>ChemElectroChem</i> , 2019 , 6, 1990-1995	4.3	10
148	An Amorphous Cobalt Borate Nanosheet-Coated Cobalt Boride Hybrid for Highly Efficient Alkaline Water Oxidation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5620-5625	8.3	31
147	NiPt nanoparticles supported on CeO ₂ nanospheres for efficient catalytic hydrogen generation from alkaline solution of hydrazine. <i>Chinese Chemical Letters</i> , 2019 , 30, 634-637	8.1	31
146	Ultrasmall Ir nanoparticles for efficient acidic electrochemical water splitting. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1121-1125	6.8	28
145	Ultrathin Ir nanowires as high-performance electrocatalysts for efficient water splitting in acidic media. <i>Nanoscale</i> , 2018 , 10, 1892-1897	7.7	83
144	Monodisperse Palladium Sulfide as Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 753-761	9.5	46
143	Reduced Graphene Oxide-Wrapped Co Fe S /Co,Fe-N-C Composite as Bifunctional Electrocatalyst for Oxygen Reduction and Evolution. <i>Small</i> , 2018 , 14, 1703748	11	98
142	Synthesis, characterization, and antitumor activity of mononuclear and dinuclear ruthenium complexes. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 2091-2101	1.6	3
141	A Monodisperse Rh ₂ P-Based Electrocatalyst for Highly Efficient and pH-Universal Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018 , 8, 1703489	21.8	139
140	Well-aligned metal-organic framework array-derived CoS ₂ nanosheets toward robust electrochemical water splitting. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1732-1738	7.8	21
139	NiFe-LDH Grown on Three-Dimensional Cu ₃ P Nano-Array for Highly Efficient Water Oxidation. <i>ChemistrySelect</i> , 2018 , 3, 8064-8069	1.8	10

138	IrCo Nanodendrite as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting under Acidic Conditions. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24993-24998	9.5	53
137	Carbon Encapsulated Hollow CoO Composites Derived from Reduced Graphene Oxide Wrapped Metal-Organic Frameworks with Enhanced Lithium Storage and Water Oxidation Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 10649-10655	5.1	25
136	A facile synthesis of porous N-doped carbon with hybridization of Fe ₃ C nanoparticle-encased CNTs for an advanced oxygen reduction reaction electrocatalyst. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2546-2553	6.8	6
135	Colloidal Synthesis of NiWSe Nanosheets for Efficient Electrocatalytic Hydrogen Evolution Reaction in Alkaline Media. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2040	4.5	14
134	3D mesoporous rose-like nickel-iron selenide microspheres as advanced electrocatalysts for the oxygen evolution reaction. <i>Nano Research</i> , 2018 , 11, 2149-2158	10	47
133	CoBP nanoparticles supported on three-dimensional nitrogen-doped graphene hydrogel and their superior catalysis for hydrogen generation from hydrolysis of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2018 , 735, 1271-1276	5.7	30
132	Ultrafine Rh nanoparticle decorated MoSe ₂ nanoflowers for efficient alkaline hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2978-2984	6.8	13
131	Three-dimensional nitrogen-doped graphene hydrogel supported Co-CeO _x nanoclusters as efficient catalysts for hydrogen generation from hydrolysis of ammonia borane. <i>Chinese Chemical Letters</i> , 2018 , 29, 1671-1674	8.1	34
130	Construction of a hierarchical NiFe layered double hydroxide with a 3D mesoporous structure as an advanced electrocatalyst for water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1795-1799	6.8	10
129	Mo-Doped Ni ₃ S ₂ Nanowires as High-Performance Electrocatalysts for Overall Water Splitting. <i>ChemElectroChem</i> , 2018 , 5, 2564-2570	4.3	29
128	Facile synthesis of P-doped Rh nanoparticles with superior catalytic activity toward dehydrogenation of hydrous hydrazine. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 6137-6143	6.7	17
127	Ultrathin Nitrogen-Doped Carbon Coated with CoP for Efficient Hydrogen Evolution. <i>ACS Catalysis</i> , 2017 , 7, 3824-3831	13.1	323
126	Colloidal synthesis of urchin-like Fe doped NiSe for efficient oxygen evolution. <i>Nanoscale</i> , 2017 , 9, 6821-6825	6.9	102
125	Nitrogen-doped graphene hydrogel-supported NiPt-CeO _x nanocomposites and their superior catalysis for hydrogen generation from hydrazine at room temperature. <i>Nano Research</i> , 2017 , 10, 2856-2865	10.1	30
124	Amorphous NiP supported on rGO for superior hydrogen generation from hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 14181-14187	6.7	75
123	Hierarchical NiFeP microflowers directly grown on Ni foam for efficient electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11229-11235	13	120
122	Nest-like NiCoP for Highly Efficient Overall Water Splitting. <i>ACS Catalysis</i> , 2017 , 7, 4131-4137	13.1	346
121	A reduced graphene oxide/covalent cobalt porphyrin framework for efficient oxygen reduction reaction. <i>Dalton Transactions</i> , 2017 , 46, 9344-9348	4.3	39

120	Colloidal synthesis of iridium-iron nanoparticles for electrocatalytic oxygen evolution. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 1199-1203	5.8	12
119	CeO _x -modified NiFe nanodendrits grown on rGO for efficient catalytic hydrogen generation from alkaline solution of hydrazine. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 27165-27173	6.7	31
118	Ir-oriented nanocrystalline assemblies with high activity for hydrogen oxidation/evolution reactions in an alkaline electrolyte. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22959-22963	13	25
117	Cuboid Ni P as a Bifunctional Catalyst for Efficient Hydrogen Generation from Hydrolysis of Ammonia Borane and Electrocatalytic Hydrogen Evolution. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2967-2972	4.5	20
116	NiSe ₂ /FeSe ₂ nanodendrites: a highly efficient electrocatalyst for oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2017 , 7, 4604-4608	5.5	42
115	Colloidal synthesis of monodisperse trimetallic IrNiFe nanoparticles as highly active bifunctional electrocatalysts for acidic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24836-24841	13	65
114	Ternary nickel/iron sulfide microflowers as a robust electrocatalyst for bifunctional water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 15838-15844	13	126
113	A Fluoro-Chromogenic Sensor Based on Organic Molecular Framework for Cu and F in Aqueous Soluble DMSO. <i>Journal of Fluorescence</i> , 2017 , 27, 191-197	2.4	8
112	A RhNiP/rGO hybrid for efficient catalytic hydrogen generation from an alkaline solution of hydrazine. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14572-14576	13	31
111	An Fe/N/C hybrid electrocatalyst derived from a bimetal/organic framework for efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 11357-11364	13	114
110	Hierarchically porous Fe-N-C derived from covalent-organic materials as a highly efficient electrocatalyst for oxygen reduction. <i>Nanoscale</i> , 2016 , 8, 14271-7	7.7	51
109	Metal/organic framework-derived hybrid of Fe ₃ C nanorod-encapsulated, N-doped CNTs on porous carbon sheets for highly efficient oxygen reduction and water oxidation. <i>Catalysis Science and Technology</i> , 2016 , 6, 6365-6371	5.5	55
108	NiPt Nanocatalysts Supported on Boron and Nitrogen Co-Doped Graphene for Superior Hydrazine Dehydrogenation and Methanol Oxidation. <i>ChemCatChem</i> , 2016 , 8, 1410-1416	5.2	29
107	Ternary CoAgPd Nanoparticles Confined Inside the Pores of MIL-101 as Efficient Catalyst for Dehydrogenation of Formic Acid. <i>Catalysis Letters</i> , 2016 , 146, 518-524	2.8	18
106	Monodisperse CoAgPd nanoparticles assembled on graphene for efficient hydrogen generation from formic acid at room temperature. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 439-446	6.7	41
105	NiPt/MnO _x supported on N-doped porous carbon derived from metal/organic frameworks for highly efficient hydrogen generation from hydrazine. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5616-5622	13	38
104	Facile Synthesis of a N-Doped Fe ₃ C@CNT/Porous Carbon Hybrid for an Advanced Oxygen Reduction and Water Oxidation Electrocatalyst. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 11006-11013	3.8	46
103	A cobalt-based hybrid electrocatalyst derived from a carbon nanotube inserted metal/organic framework for efficient water-splitting. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16057-16063	13	116

102	Metal-Organic Framework Immobilized CoAuPd Nanoparticles with High Content of Non-precious Metal for Highly Efficient Hydrogen Generation from Formic Acid. <i>ChemistrySelect</i> , 2016 , 1, 1400-1404	1.8	11
101	Ni-Pt nanoparticles growing on metal organic frameworks (MIL-96) with enhanced catalytic activity for hydrogen generation from hydrazine at room temperature. <i>Dalton Transactions</i> , 2015 , 44, 6212-8	4.3	32
100	Ruthenium deposited on MCM-41 as efficient catalyst for hydrolytic dehydrogenation of ammonia borane and methylamine borane. <i>Chinese Chemical Letters</i> , 2015 , 26, 1345-1350	8.1	32
99	Facile synthesis of monodisperse ruthenium nanoparticles supported on graphene for hydrogen generation from hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 6180-6187	6.7	93
98	Nanoscale MIL-101 supported RhNi nanoparticles: an efficient catalyst for hydrogen generation from hydrous hydrazine. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12468-12475	13	50
97	NiRh nanoparticles supported on nitrogen-doped porous carbon as highly efficient catalysts for dehydrogenation of hydrazine in alkaline solution. <i>Nano Research</i> , 2015 , 8, 3472-3479	10	35
96	Rh nanoparticles supported on graphene as efficient catalyst for hydrolytic dehydrogenation of amine boranes for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 1062-1070	6.7	99
95	Hydrolytic dehydrogenation of amine-boranes catalyzed by graphene supported rhodium-nickel nanoparticles. <i>Catalysis Communications</i> , 2015 , 59, 14-20	3.2	26
94	Synergistic catalysis of AgPd@ZIF-8 on dehydrogenation of formic acid. <i>Applied Catalysis B: Environmental</i> , 2015 , 165, 57-62	21.8	111
93	Hydrolytic dehydrogenation of ammonia borane catalyzed by metal-organic framework supported bimetallic RhNi nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 16391-16397	6.7	41
92	Synthesis, characterization and anticancer activity of dinuclear ruthenium(II) complexes linked by an alkyl chain. <i>New Journal of Chemistry</i> , 2015 , 39, 5805-5812	3.6	15
91	NiRh Nanoparticles Immobilized on the Pores of MIL-101 as Highly Efficient Catalyst toward Hydrogen Generation from Hydrous Hydrazine. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1086-1093	8.2	59
90	Synthesis, characterization, crystal structure, cytotoxicity, apoptosis and cell cycle arrest of ruthenium(II) complex [Ru(bpy) ₂ (adpa)](PF ₆) ₂ (bpy = 2,2'-bipyridine, adpa = 4-(4-aminophenyl)diazenyl-N-(pyridin-2-ylmethylene)aniline). <i>RSC Advances</i> , 2015 , 5, 11591-11598	3.7	14
89	Graphene-supported nickel-platinum nanoparticles as efficient catalyst for hydrogen generation from hydrous hydrazine at room temperature. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1031-4	9.5	78
88	Highly efficient hydrogen generation from formic acid-sodium formate over monodisperse AgPd nanoparticles at room temperature. <i>Applied Catalysis B: Environmental</i> , 2015 , 168-169, 423-428	21.8	74
87	Dissolution of cellulose in aqueous NaOH/urea solution: role of urea. <i>Cellulose</i> , 2014 , 21, 1183-1192	5.5	140
86	Size-Controlled Synthesis of Tetrametallic Ag@CoNiFe Core-Shell Nanoparticles Supported on Graphene: A Highly Efficient Catalyst for the Hydrolytic Dehydrogenation of Amine Boranes. <i>ChemCatChem</i> , 2014 , 6, 1617-1625	5.2	31
85	Amine-borane assisted synthesis of wavy palladium nanorods on graphene as efficient catalysts for formic acid oxidation. <i>Chemical Communications</i> , 2014 , 50, 12843-6	5.8	15

84	Ruthenium supported on MIL-101 as an efficient catalyst for hydrogen generation from hydrolysis of amine boranes. <i>New Journal of Chemistry</i> , 2014 , 38, 4032	3.6	51
83	Decoration of graphene with tetrametallic Cu@FeCoNi core-shell nanoparticles for catalytic hydrolysis of amine boranes. <i>RSC Advances</i> , 2014 , 4, 32817	3.7	28
82	Highly efficient dehydrogenation of hydrazine over graphene supported flower-like NiPt nanoclusters at room temperature. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14344	13	45
81	Bimetallic NickelRhodium Nanoparticles Supported on ZIF-8 as Highly Efficient Catalysts for Hydrogen Generation from Hydrazine in Alkaline Solution. <i>ChemCatChem</i> , 2014 , 6, 2549-2552	5.2	53
80	Immobilization of ultrafine bimetallic Ni-Pt nanoparticles inside the pores of metal-organic frameworks as efficient catalysts for dehydrogenation of alkaline solution of hydrazine. <i>Inorganic Chemistry</i> , 2014 , 53, 10122-8	5.1	66
79	AgPd nanoparticles supported on MIL-101 as high performance catalysts for catalytic dehydrogenation of formic acid. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 11060	13	89
78	Ruthenium supported on MIL-96: An efficient catalyst for hydrolytic dehydrogenation of ammonia borane for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 17129-17135	6.7	57
77	Three-channel ferrocene-based chemosensors for Cu(II) and Hg(II) in aqueous environments. <i>Sensors and Actuators B: Chemical</i> , 2014 , 190, 937-945	8.5	29
76	In situ facile synthesis of bimetallic CoNi catalyst supported on graphene for hydrolytic dehydrogenation of amine borane. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 3371-3380	6.7	130
75	Graphene supported Ag@Co core-shell nanoparticles as efficient catalysts for hydrolytic dehydrogenation of amine boranes. <i>Journal of Molecular Catalysis A</i> , 2014 , 383-384, 38-45		27
74	RuCu nanoparticles supported on graphene: A highly efficient catalyst for hydrolysis of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2014 , 590, 241-246	5.7	73
73	Hydrolytic dehydrogenation of ammonia borane and methylamine borane catalyzed by graphene supported Ru@Ni core-shell nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 426-435	6.7	101
72	NiPt nanoparticles supported on MIL-101 as highly efficient catalysts for hydrogen generation from aqueous alkaline solution of hydrazine for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 9726-9734	6.7	72
71	Graphene supported cobalt(0) nanoparticles for hydrolysis of ammonia borane. <i>Materials Letters</i> , 2014 , 115, 113-116	3.3	74
70	Strategic synthesis of graphene supported trimetallic Ag-based core-shell nanoparticles toward hydrolytic dehydrogenation of amine boranes. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 3360-3370	6.7	43
69	The structure and properties of a sheathed, low reactivity silicon phthalocyanine and the potential for still more inert phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 336-345	1.8	1
68	Pd nanoparticles supported on MIL-101 as high-performance catalysts for catalytic hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 4947-4953	6.7	78
67	Designed synthesis of tunable amorphous carbon nanotubes (a-CNTs) by a novel route and their oxidation resistance properties. <i>Bulletin of Materials Science</i> , 2014 , 37, 1397-1402	1.7	7

66	In situ facile synthesis of Ru-based core-shell nanoparticles supported on carbon black and their high catalytic activity in the dehydrogenation of amine-boranes. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 562-71	4.5	45
65	Graphene-Supported Trimetallic Core-Shell Cu@CoNi Nanoparticles for Catalytic Hydrolysis of Amine Borane. <i>ChemPlusChem</i> , 2014 , 79, 325-332	2.8	55
64	Graphene supported Ru@Co core-shell nanoparticles as efficient catalysts for hydrogen generation from hydrolysis of ammonia borane and methylamine borane. <i>Catalysis Communications</i> , 2014 , 43, 47-51	3.2	68
63	One-step hydrothermal synthesis and characterization of VCrO nanospheres and their excellent performance in the ammoxidation of 3,4- and 2,6-DCT. <i>Materials Research Bulletin</i> , 2013 , 48, 3620-3624	5.1	19
62	One-step synthesis of graphene supported Ru nanoparticles as efficient catalysts for hydrolytic dehydrogenation of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 11964-11972	6.7	112
61	In Situ Synthesis of Ni(0) Catalysts Derived from Nickel Halides for Hydrolytic Dehydrogenation of Ammonia Borane. <i>Catalysis Letters</i> , 2013 , 143, 873-880	2.8	8
60	Graphene-supported Ag-based core-shell nanoparticles for hydrogen generation in hydrolysis of ammonia borane and methylamine borane. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8231-40	9.5	151
59	In situ synthesis of graphene supported Ag@CoNi core-shell nanoparticles as highly efficient catalysts for hydrogen generation from hydrolysis of ammonia borane and methylamine borane. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 10016	13	105
58	One-step synthesis of magnetically recyclable rGO supported Cu@Co core-shell nanoparticles: highly efficient catalysts for hydrolytic dehydrogenation of ammonia borane and methylamine borane. <i>New Journal of Chemistry</i> , 2013 , 37, 3035	3.6	83
57	The synthesis and characterization of dinuclear ruthenium sensitizers and their applications in photocatalytic hydrogen production. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 539-44	4.4	13
56	Synthesis and characterization of a new dinuclear platinum(II) alkynyl complex with a ferrocene bridge and its interaction with silver ion. <i>Journal of Organometallic Chemistry</i> , 2013 , 732, 102-108	2.3	6
55	NMR spectroscopic studies on the mechanism of cellulose dissolution in alkali solutions. <i>Cellulose</i> , 2013 , 20, 613-621	5.5	59
54	Syntheses and properties of a series of novel surface active salts based on 1,4-dialkyl-1,4-diazoniabicyclo[2.2.2]octane and their supermolecular interactions with cucurbit[6]uril. <i>Journal of Molecular Structure</i> , 2012 , 1017, 14-18	3.4	4
53	Synthesis of a Phenylhydrazone-based Colorimetric Anion Sensor with Complementary IMP/INH Logic Functions. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 1702-1708	4.9	14
52	Synthesis, structure, DNA interaction, and hydrolytic function toward bis(p-nitrophenyl) phosphate of a heterobinuclear macrocyclic complex. <i>Transition Metal Chemistry</i> , 2012 , 37, 385-391	2.1	7
51	A Facile Construction of Supramolecular Complex from Polyaniline and Cellulose in Aqueous System. <i>Macromolecules</i> , 2011 , 44, 4565-4568	5.5	65
50	Novel chiral ionic liquid (CIL) assisted selectivity enhancement to (L)-proline catalyzed asymmetric aldol reactions. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 1736-1741	1.5	9
49	Role of sodium zincate on cellulose dissolution in NaOH/urea aqueous solution at low temperature. <i>Carbohydrate Polymers</i> , 2011 , 83, 1185-1191	10.3	64

48	A cucurbit[8]uril inclusion complex with 1,7-dimethyl-1,4,7,10-tetraazacyclododecane tetrachloride. <i>New Journal of Chemistry</i> , 2010 , 34, 17-20	3.6	5
47	Synthesis, Crystal Structure and Bioactivities of a Novel Propeller Shaped Manganese Complex with the Ligand N ⁺ -Benzylidenesalicylhydrazide. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 1312-1316	4.9	4
46	Microstructure variations with concentration of propylene glycol/water solution probed by NMR. <i>Journal of Molecular Structure</i> , 2009 , 921, 150-155	3.4	6
45	A novel 1:2 cucurbit[8]uril inclusion complex with N-phenylpiperazine hydrochloride. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 64, 325-329		8
44	Synthesis, characterization and bioactivity of two novel trinuclear Cu(II)/Ni(II) complexes with pentadentate ligand N-2-methyl-acryloyl-salicylhydrazide. <i>Inorganica Chimica Acta</i> , 2009 , 362, 551-555	2.7	13
43	Protophilic amide ionic liquid assisted esterification and catalysis mechanism. <i>Journal of Molecular Catalysis A</i> , 2009 , 307, 9-12		16
42	Metal coordination architectures of N-acyl-salicylhydrazides: The effect of metal ions and steric repulsion of ligands to their structures of polynuclear metal complexes. <i>Polyhedron</i> , 2009 , 28, 300-306	2.7	17
41	Bent and linear trinuclear nickel complexes with ligands derived from N -acylsalicylhydrazide ligands: structural characterization and bioactivity. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 1492-1501	1.6	5
40	A novel 3-dimensional metallacrown supramolecule: Synthesis, crystal structure and magnetic properties. <i>Solid State Sciences</i> , 2008 , 10, 1358-1363	3.4	3
39	Pseudopolyrotaxanes of Cucurbit[6]uril: A Novel Three-Dimensional Network Self-Assembled by (H ₂ O) ₃ Clusters and Br ⁻ (H ₂ O) ₃ Anion Clusters. <i>Crystal Growth and Design</i> , 2008 , 8, 2970-2974	3.5	12
38	ROLE OF SOLVENT IN SLURRY PHASE REACTIONS. <i>Surface Review and Letters</i> , 2008 , 15, 805-808	1.1	1
37	A novel 18-membered metallacrown containing a double-azathiacrown. <i>Transition Metal Chemistry</i> , 2008 , 33, 295-299	2.1	8
36	Microstructure of N,N ⁺ -bis(cetyldimethyl)- β -propanediammonium dibromide micelle and its dynamics in solution studied by ¹ H NMR. <i>Colloid and Polymer Science</i> , 2008 , 286, 639-646	2.4	9
35	Synthesis, characterization and bioactivity of a new Fe(III) 18-metallacrown-6 and a new trinuclear linear Ni(II) complexes. <i>Polyhedron</i> , 2008 , 27, 1802-1808	2.7	10
34	Synthesis, structural characterization, and magnetism of a butterfly-shaped hexanuclear Ni(II) complex. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 769-771	3.1	16
33	Synthesis, crystal structure, and magnetic properties of two bent trinuclear Cu(II)/Ni(II) complexes of ligands derived from N-acyl-salicylhydrazides. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1044-1047	3.1	8
32	¹ H NMR spectrum simplification of phenyl compounds containing electronegative groups by intermolecular interactions. <i>Tetrahedron Letters</i> , 2008 , 49, 2324-2328	2	5
31	Synthesis, characterization and bioactivity of four novel trinuclear copper(II) and nickel(II) complexes with pentadentate ligands derived from N-acylsalicylhydrazide. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2667-2676	2.7	21

30	Microheterogeneous structure of 1-octanol in neat and water-saturated state. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 10160-5	3.4	19
29	Aggregation Behavior of Quaternary Ammonium Dimeric Surfactant C14-s-C14 \square Br Micelles. <i>Acta Physico-chimica Sinica</i> , 2007 , 23, 317-322		11
28	Hydrogen-bond-induced inclusion complex in aqueous cellulose/LiOH/urea solution at low temperature. <i>ChemPhysChem</i> , 2007 , 8, 1572-9	3.2	147
27	Synthesis, crystal structure and bioactivity of a novel linear trinuclear nickel(II) complex. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 1351-1354	3.1	60
26	Synthesis, characterization and bioactivity of a novel 18-metallacrown-6: [Mn(pcshz)(CH ₃ OH)] ₆ \square 4CH ₃ OH \square 4H ₂ O. <i>Inorganica Chimica Acta</i> , 2007 , 360, 3341-3346	2.7	23
25	Two novel 18-metallacrown-6 complexes: Synthesis, structural characterization and bioactivity. <i>Polyhedron</i> , 2007 , 26, 2695-2702	2.7	19
24	Bis(salicylhydrazide- \square N,O)sulfatozinc(II) monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2482-m2482		3
23	Synthesis, spectra and X-ray crystal structure of a new type of macrocyclic hexanuclear iron(III) cluster. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1037-1045	1.6	6
22	Synthesis, crystal structure and bioactivity of a novel 18-metallacrown-6 [Mn ₆ (H ₂ O) ₆ (abshz) ₆] \square 6H ₂ O. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 758-760	3.1	33
21	Synthesis, crystal structure and bioactivity of a novel 18-metallacrown-6 [Mn ₆ (H ₂ O) ₆ (anshz) ₆] \square 10DMF. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2909-2914	2.3	20
20	Tuning the maximum absorption wavelengths of phthalocyanine derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 32-39	1.8	12
19	Voltammetric studies of through-space and through-bond electrostatic interactions in alkyl linked ferrocene and benzoaza-15-crown-5 receptor molecules in acetonitrile. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 10658-67	3.4	12
18	Synthesis, spectra and crystal structure of a novel 18-metallacrown-6 [Mn ₆ (4-ohashz) ₆ (CH ₃ OH) ₆] \square 12CH ₃ OH. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 216-218	3.1	24
17	The formation of cucurbit[n]uril (n = 6, 7) complexes with amino compounds in aqueous formic acid studied by capillary electrophoresis. <i>Electrophoresis</i> , 2005 , 26, 2214-24	3.6	25
16	Homogeneous hydroxyethylation of cellulose in NaOH/urea aqueous solution. <i>Polymer Bulletin</i> , 2005 , 53, 243-248	2.4	38
15	Difference in micellar properties of sodium dodecyl sulfonate from sodium 4-decyl naphthalene sulfonate in D ₂ O solution studied by ¹ H NMR relaxation and 2D NOESY. <i>Colloid and Polymer Science</i> , 2004 , 282, 280-286	2.4	13
14	Molecular and crystal structure of a new tris(p-(diethylamino)phenyl)methylm salt with Cu(mnt) ₂ dianion. <i>Journal of Chemical Crystallography</i> , 2004 , 34, 829-834	0.5	1
13	A novel mixed-valence Ni(mnt) ₂ salt: synthesis and crystal structure of [Ni(phen) ₃] ₂ [Ni(mnt) ₂] ₃ \square 2DMF (phen=1,10 \square -phenathroline, mnt=1,2-dicyanovinylene-1,2-dithiolato, DMF=N,N-dimethylformamide). <i>Journal of Molecular Structure</i> , 2004 , 702, 1-7	3.4	4

12	Mixed micelles of sodium 4-decyl naphthalene sulfonate with Triton X-100 and sodium dodecyl sulfonate analyzed by ¹ H NMR. <i>Journal of Colloid and Interface Science</i> , 2004 , 279, 533-8	9.3	9
11	A novel low symmetry sulfur containing porphyrazine: synthesis and its interaction with serum albumin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003 , 07, 420-425	1.8	0
10	Synthesis and crystal structure of maleonitriledithiolate metal complexes with N-methylacridine as cations. <i>Polyhedron</i> , 2003 , 22, 3547-3553	2.7	8
9	Micellization of Sodium Decyl Naphthalene Sulfonate Studied by ¹ H NMR. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 3644-3649	3.4	15
8	Synthesis, Photochemistry, and Electrochemistry of a Series of Phthalocyanines with Graded Steric Hindrance. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 3503-3514	2.8	49
7	Synthesis and crystal structure of a mixed-ligand lanthanum complex of phenanthroline H-bonded with benzo-15-crown-5. <i>Journal of Chemical Crystallography</i> , 2002 , 32, 141-147	0.5	3
6	Conformation and dynamics of polyoxyethylene lauryl ether (Brij-35) chains in aqueous micellar solution studied by 2D NOESY and ¹ H NMR relaxation. <i>Science in China Series B: Chemistry</i> , 2002 , 45, 143		3
5	Mixed Micelles of Triton X-100 and Cetyl Trimethylammonium Bromide in Aqueous Solution Studied by ¹ H NMR. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 4611-4615	3.4	56
4	Conformational Dependence of Triton X-100 on Environment Studied by 2D NOESY and ¹ H NMR Relaxation. <i>Langmuir</i> , 2000 , 16, 3030-3035	4	65
3	Synthesis of a Series of Octabutoxy- and Octabutoxybenzophthalocyanines and Photophysical Properties of Two Members of the Series. <i>Journal of the American Chemical Society</i> , 1997 , 119, 6029-6039	16.4	77
2	Effect of axial ligation and delivery system on the tumour-localising and -photosensitising properties of Ge(IV)-octabutoxy-phthalocyanines. <i>British Journal of Cancer</i> , 1995 , 71, 727-32	8.7	26
1	A Cu ₃ P@NiFe-MOF Hybrid as an Efficient Electrocatalyst for Hydrogen and Oxygen Evolution Reactions. <i>Catalysis Letters</i> , 1	2.8	0