

# Zhenghua Tang

## List of Publications by Year in Descending Order

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

116  
papers

5,172  
citations

36  
h-index

69  
g-index

121  
ext. papers

6,093  
ext. citations

8.1  
avg, IF

5.93  
L-index

#	Paper	IF	Citations
116	Tailoring the interfacial active center of Mn <sub>x</sub> O <sub>2</sub> /MnCo <sub>2</sub> S <sub>4</sub> heterostructure to boost the performance for oxygen evolution reaction and Zn-Air batteries in neutral electrolyte. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 131966	14.7	5
115	Engineering Gold Nanostructures for Cancer Treatment: Spherical Nanoparticles, Nanorods, and Atomically Precise Nanoclusters. <i>Nanomaterials</i> , <b>2022</b> , 12, 1738	5.4	1
114	Rational design of Ru aerogel and RuCo aerogels with abundant oxygen vacancies for hydrogen evolution reaction, oxygen evolution reaction, and overall water splitting. <i>Journal of Power Sources</i> , <b>2021</b> , 514, 230600	8.9	4
113	Molecular metal nanoclusters for ORR, HER and OER: Achievements, opportunities and challenges. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 25771-25781	6.7	12
112	Selenide/sulfide heterostructured NiCo <sub>2</sub> Se <sub>4</sub> /NiCoS <sub>4</sub> for oxygen evolution reaction, hydrogen evolution reaction, water splitting and Zn-air batteries. <i>Electrochimica Acta</i> , <b>2021</b> , 368, 137584	6.7	15
111	Controllable synthesis and formation mechanism study of homoleptic alkynyl-protected Au nanoclusters: recent advances, grand challenges, and great opportunities. <i>Nanoscale</i> , <b>2021</b> , 13, 602-614	7.7	6
110	Atomically precise metal nanoclusters for (photo)electroreduction of CO <sub>2</sub> : Recent advances, challenges and opportunities. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 57, 359-370	12	16
109	Fluorination activates the basal plane HER activity of ReS <sub>2</sub> : a combined experimental and theoretical study. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 14451-14458	13	6
108	Cobalt phosphide supported by two-dimensional molybdenum carbide (MXene) for the hydrogen evolution reaction, oxygen evolution reaction, and overall water splitting. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 21259-21269	13	8
107	Establishing structure/property relationships in atomically dispersed CoFe dual site M <sub>n</sub> x catalysts on microporous carbon for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 13044-13055	13	13
106	A homoleptic alkynyl-protected [AgCu(BuC <sub>3</sub> ) <sub>2</sub> ] superatom with free electrons: synthesis, structure analysis, and different properties compared with the AuAg cluster in the M series. <i>Chemical Science</i> , <b>2021</b> , 12, 12819-12826	9.4	3
105	In situ assembly of ultrafine AuPd nanowires as efficient electrocatalysts for ethanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 8549-8556	6.7	6
104	Single-atom catalyst for high-performance methanol oxidation. <i>Nature Communications</i> , <b>2021</b> , 12, 5235	17.4	16
103	Atomically dispersed Co atoms in nitrogen-doped carbon aerogel for efficient and durable oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 36836-36836	6.7	1
102	Homoleptic Alkynyl-Protected Ag Nanocluster with Atomic Precision: Structural Analysis and Electrocatalytic Performance toward CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26136-26141	16.4	10
101	Fast and high-yield synthesis of thiolate Ag and AuAg nanoclusters via the CTAB reverse micelle method. <i>Dalton Transactions</i> , <b>2021</b> , 50, 562-567	4.3	1
100	High-performance Ru-based electrocatalyst composed of Ru nanoparticles and Ru single atoms for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 18840-18849	6.7	23

99	Atomically dispersed materials for rechargeable batteries. <i>Nano Energy</i> , <b>2020</b> , 76, 105085	17.1	14
98	Integrating ZnCo <sub>2</sub> O <sub>4</sub> submicro/nanospheres with CoxSe <sub>y</sub> nanosheets for the oxygen evolution reaction and zinc-air batteries. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 2184-2191	5.8	5
97	Interfacial electron transfer of heterostructured MIL-88A/Ni(OH) <sub>2</sub> enhances the oxygen evolution reaction in alkaline solutions. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 3311-3321	13	24
96	Recent progress in the development of immobilized penicillin G acylase for chemical and industrial applications: A mini-review. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 368-388	3.2	9
95	N, S-codoped CNTs supported CoS nanoparticles prepared by using CdS nanorods as sulfur sources and hard templates: An efficient catalyst for reversible oxygen electrocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 186-197	9.3	27
94	Unravelling the formation mechanism of alkynyl protected gold clusters: a case study of phenylacetylene stabilized Au molecules. <i>Nanoscale</i> , <b>2020</b> , 12, 2980-2986	7.7	12
93	Hierarchical carbon microflowers supported defect-rich Co <sub>3</sub> S <sub>4</sub> nanoparticles: An efficient electrocatalyst for water splitting. <i>Carbon</i> , <b>2020</b> , 160, 133-144	10.4	43
92	Transition metal chalcogenides for energy storage and conversion <b>2020</b> , 355-391		6
91	Bimetallic PdZn nanoparticles for oxygen reduction reaction in alkaline medium: The effects of surface structure. <i>Journal of Catalysis</i> , <b>2020</b> , 382, 181-191	7.3	18
90	Ultra-small Au and Ag Nanoclusters for Biomedical Applications: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 1019	5.8	11
89	Heterostructure and Oxygen Vacancies Promote NiFe O /Ni S toward Oxygen Evolution Reaction and Zn-Air Batteries. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 3568-3574	4.5	11
88	Nanoengineering of transparent polypropylene containing sorbitol-based clarifier. <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	2
87	Immobilizing Polysulfide by In Situ Topochemical Oxidation Derivative TiC@Carbon-Included TiO <sub>2</sub> Core-Shell Sulfur Hosts for Advanced Lithium-Sulfur Batteries. <i>Small</i> , <b>2020</b> , 16, e2005998	11	9
86	A synchronous nucleation and passivation strategy for controllable synthesis of Au <sub>36</sub> (PA) <sub>24</sub> : unveiling the formation process and the role of Au <sub>22</sub> (PA) <sub>18</sub> intermediate. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1777-1784	7.9	7
85	A novel approach of preparing zinc adipate as nucleating agent for polypropylene engineering. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3654-3665	2.5	3
84	RhRu alloyed nanoparticles confined within metal organic frameworks for electrochemical hydrogen evolution at all pH values. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 24680-24689	6.7	20
83	Immobilization of penicillin G acylase on a novel paramagnetic composite carrier with epoxy groups. <i>Advanced Composites and Hybrid Materials</i> , <b>2019</b> , 2, 720-734	8.7	8
82	Noble surface molecularly imprinted polymer modified titanium dioxide toward solanesol adsorption selectivity study. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3271-3287	2.5	2

81	The study of ultrasound-assisted extraction of flavonoids from <i>Polygonum cuspidatum</i> Sieb. et Zucc.. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3254-3262	2.5	0
80	Hollow Nanocages of NiCoSe for Efficient Zinc-Air Batteries and Overall Water Splitting. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 28	19.5	44
79	Study of target spacing of thermo-sensitive carrier on the activity recovery of immobilized penicillin G acylase. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 179, 153-160	6	7
78	Palladium nanoparticles supported by metal-organic frameworks derived FeNi <sub>3</sub> Cx nanorods as efficient oxygen reversible catalysts for rechargeable Zn-Air batteries. <i>Electrochimica Acta</i> , <b>2019</b> , 307, 403-413	6.7	13
77	Ni@Ru core-shell nanoparticles on flower-like carbon nanosheets for hydrogen evolution reaction at All-pH values, oxygen evolution reaction and overall water splitting in alkaline solution. <i>Electrochimica Acta</i> , <b>2019</b> , 320, 134568	6.7	34
76	NiFe Alloyed Nanoparticles Encapsulated in Nitrogen Doped Carbon Nanotubes for Bifunctional Electrocatalysis Toward Rechargeable Zn-Air Batteries. <i>ChemCatChem</i> , <b>2019</b> , 11, 5994-6001	5.2	14
75	The engineering and immobilization of penicillin G acylase onto thermo-sensitive tri-block copolymer system. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 86-93	3.2	7
74	Hierarchically Structured Co(OH)/CoPt/N-CN Air Cathodes for Rechargeable Zinc-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 4983-4994	9.5	24
73	Physiological and biochemical responses of <i>Microcystis aeruginosa</i> to phosphine. <i>Environmental Pollution</i> , <b>2019</b> , 247, 165-171	9.3	15
72	Hydrogen evolution and oxygen reduction reactions catalyzed by core-shelled Fe@Ru nanoparticles embedded in porous dodecahedron carbon. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 447-455	5.7	17
71	Palladium nanoparticles grown on EMo <sub>2</sub> C nanotubes as dual functional electrocatalysts for both oxygen reduction reaction and hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 4932-4941	6.7	43
70	Styrene oxidation catalyzed by Au <sub>11</sub> (PPh <sub>3</sub> ) <sub>7</sub> Cl <sub>3</sub> and [Au <sub>11</sub> (PPh <sub>3</sub> ) <sub>8</sub> Cl <sub>2</sub> ]Cl nanoclusters: Impacts of capping ligands, particle size and charge state. <i>Applied Catalysis A: General</i> , <b>2018</b> , 557, 1-6	5.1	10
69	Total Water Splitting Catalyzed by [email-protected] Core-Shell Nanoparticles Encapsulated in Nitrogen-Doped Porous Carbon Derived from Metal-Organic Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 5105-5114	8.3	76
68	Design and synthesis study of the thermo-sensitive copolymer carrier of penicillin G acylase. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 1902-1912	3.2	9
67	Concise N-doped Carbon Nanosheets/Vanadium Nitride Nanoparticles Materials via Intercalative Polymerization for Supercapacitors. <i>Scientific Reports</i> , <b>2018</b> , 8, 2915	4.9	35
66	Peptide templated Au@Pd core-shell structures as efficient bi-functional electrocatalysts for both oxygen reduction and hydrogen evolution reactions. <i>Journal of Catalysis</i> , <b>2018</b> , 361, 168-176	7.3	46
65	Ternary PtVCo dendrites for the hydrogen evolution reaction, oxygen evolution reaction, overall water splitting and rechargeable Zn-Air batteries. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2425-2431	6.8	17
64	Oxygen reduction reaction and hydrogen evolution reaction catalyzed by carbon-supported molybdenum-coated palladium nanocubes. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 17132-17141	6.7	11

63	Oxygen Reduction Reaction Catalyzed by Noble Metal Clusters. <i>Catalysts</i> , <b>2018</b> , 8, 65	4	45
62	Nanocomposites CoPt-x/Diatomite-C as oxygen reversible electrocatalysts for zinc-air batteries: Diatomite boosted the catalytic activity and durability. <i>Electrochimica Acta</i> , <b>2018</b> , 284, 119-127	6.7	20
61	Graphitic Nitrogen Is Responsible for Oxygen Electroreduction on Nitrogen-Doped Carbons in Alkaline Electrolytes: Insights from Activity Attenuation Studies and Theoretical Calculations. <i>ACS Catalysis</i> , <b>2018</b> , 8, 6827-6836	13.1	132
60	Peptide templated AuPt alloyed nanoparticles as highly efficient bi-functional electrocatalysts for both oxygen reduction reaction and hydrogen evolution reaction. <i>Electrochimica Acta</i> , <b>2018</b> , 260, 168-176	6.7	28
59	Effect of variable conditions on the adsorption selectivity of molecularly imprinted polymers. <i>Advanced Composites and Hybrid Materials</i> , <b>2018</b> , 1, 777-784	8.7	1
58	Oxygen Reduction Reaction and Hydrogen Evolution Reaction Catalyzed by PdRu Nanoparticles Encapsulated in Porous Carbon Nanosheets. <i>Catalysts</i> , <b>2018</b> , 8, 329	4	31
57	Co@Pd core-shell nanoparticles embedded in nitrogen-doped porous carbon as dual functional electrocatalysts for both oxygen reduction and hydrogen evolution reactions. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 528, 18-26	9.3	32
56	Peptide capped Pd nanoparticles for oxygen electroreduction: Strong surface effects. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 702, 146-152	5.7	13
55	Assessing the Biocidal Activity and Investigating the Mechanism of Oligo-p-phenylene-ethynylenes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7964-7971	9.5	16
54	Ultrasmall Palladium Nanoclusters Encapsulated in Porous Carbon Nanosheets for Oxygen Electroreduction in Alkaline Media. <i>ChemElectroChem</i> , <b>2017</b> , 4, 1349-1355	4.3	20
53	Co@Pt Core@Shell nanoparticles encapsulated in porous carbon derived from zeolitic imidazolate framework 67 for oxygen electroreduction in alkaline media. <i>Journal of Power Sources</i> , <b>2017</b> , 343, 458-466	8.9	81
52	Emission and distribution of phosphine in paddy fields and its relationship with greenhouse gases. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 952-959	10.2	13
51	Facile fabrication of PtPd alloyed worm-like nanoparticles for electrocatalytic reduction of oxygen. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 17112-17121	6.7	20
50	Peptide-FlgA3-Based Gold Palladium Bimetallic Nanoparticles That Catalyze the Oxygen Reduction Reaction in Alkaline Solution. <i>ChemCatChem</i> , <b>2017</b> , 9, 2980-2987	5.2	14
49	Shape and structural effects of R5-templated Pd nanomaterials as potent catalyst for oxygen electroreduction in alkaline media. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 8016-8026	4.3	7
48	Peptide A4 based AuAg alloyed nanoparticle networks for electrocatalytic reduction of oxygen. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 11295-11303	6.7	14
47	PdAu alloyed clusters supported by carbon nanosheets as efficient electrocatalysts for oxygen reduction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 218-227	6.7	42
46	Trifunctional Electrocatalysts: Graphene Composites with Cobalt Sulfide: Efficient Trifunctional Electrocatalysts for Oxygen Reversible Catalysis and Hydrogen Production in the Same Electrolyte (Small 33/2017). <i>Small</i> , <b>2017</b> , 13,	11	11

45	Graphene Composites with Cobalt Sulfide: Efficient Trifunctional Electrocatalysts for Oxygen Reversible Catalysis and Hydrogen Production in the Same Electrolyte. <i>Small</i> , <b>2017</b> , 13, 1701025	11	83
44	Nickel nanoparticles partially embedded into carbon fiber cloth via metal-mediated pitting process as flexible and efficient electrodes for hydrogen evolution reactions. <i>Carbon</i> , <b>2017</b> , 122, 710-717	10.4	52
43	Removal of heavy metal ions from aqueous solution by zeolite synthesized from fly ash. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2778-88	5.1	108
42	CoSe <sub>2</sub> nanoparticles embedded defective carbon nanotubes derived from MOFs as efficient electrocatalyst for hydrogen evolution reaction. <i>Nano Energy</i> , <b>2016</b> , 28, 143-150	17.1	215
41	Porous Carbon-Supported Gold Nanoparticles for Oxygen Reduction Reaction: Effects of Nanoparticle Size. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20635-41	9.5	92
40	Morphology Control and Electro catalytic Activity towards Oxygen Reduction of Peptide-Templated Metal Nanomaterials: A Comparison between Au and Pt. <i>ChemistrySelect</i> , <b>2016</b> , 1, 6044-6052	1.8	17
39	Hybrid Nanomaterials Based on Graphene and Gold Nanoclusters for Efficient Electrocatalytic Reduction of Oxygen. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 336	5	8
38	Physico-chemical pretreatment technologies of bioconversion efficiency of <i>Paulownia tomentosa</i> (Thunb.) Steud.. <i>Industrial Crops and Products</i> , <b>2016</b> , 87, 280-286	5.9	15
37	Sequence-Dependent Structure/Function Relationships of Catalytic Peptide-Enabled Gold Nanoparticles Generated under Ambient Synthetic Conditions. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 540-8	16.4	69
36	Plasmon-enhanced two-photon-induced isomerization for highly-localized light-based actuation of inorganic/organic interfaces. <i>Nanoscale</i> , <b>2016</b> , 8, 4194-202	7.7	14
35	Metal Nickel Foam as an Efficient and Stable Electrode for Hydrogen Evolution Reaction in Acidic Electrolyte under Reasonable Overpotentials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5065-9	9.5	94
34	Oxygen reduction catalyzed by gold nanoclusters supported on carbon nanosheets. <i>Nanoscale</i> , <b>2016</b> , 8, 6629-35	7.7	47
33	Hierarchical spheres constructed by defect-rich MoS <sub>2</sub> /carbon nanosheets for efficient electrocatalytic hydrogen evolution. <i>Nano Energy</i> , <b>2016</b> , 22, 490-498	17.1	232
32	Core/Shell Nanocomposites Based on Gold [email protected] Iron-Embedded Porous Carbons Derived from Metal-Organic Frameworks as Efficient Dual Catalysts for Oxygen Reduction and Hydrogen Evolution Reactions. <i>ACS Catalysis</i> , <b>2016</b> , 6, 1045-1053	13.1	138
31	Optical Actuation of Inorganic/Organic Interfaces: Comparing Peptide-Azobenzene Ligand Reconfiguration on Gold and Silver Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 1050-80	9.5	22
30	Graphene-Supported Mesoporous Carbons Prepared with Thermally Removable Templates as Efficient Catalysts for Oxygen Electroreduction. <i>Small</i> , <b>2016</b> , 12, 1900-8	11	50
29	Metal-Carbon Hybrid Electrocatalysts Derived from Ion-Exchange Resin Containing Heavy Metals for Efficient Hydrogen Evolution Reaction. <i>Small</i> , <b>2016</b> , 12, 2768-74	11	28
28	Bioreduction of Precious Metals by Microorganism: Efficient Gold@N-Doped Carbon Electrocatalysts for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8416-20	16.4	80

27	Bioreduction of Precious Metals by Microorganism: Efficient Gold@N-Doped Carbon Electrocatalysts for the Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8556-8560	3.6	43
26	In situ preparation of multi-wall carbon nanotubes/Au composites for oxygen electroreduction. <i>RSC Advances</i> , <b>2016</b> , 6, 91209-91215	3.7	3
25	The reactivity study of peptide A3-capped gold and silver nanoparticles with heavy metal ions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2016</b> , 210, 37-42	3.1	11
24	N-Doped Carbon-Wrapped Cobalt Nanoparticles on N-Doped Graphene Nanosheets for High-Efficiency Hydrogen Production. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 2026-2032	9.6	273
23	Sulfur and nitrogen self-doped carbon nanosheets derived from peanut root nodules as high-efficiency non-metal electrocatalyst for hydrogen evolution reaction. <i>Nano Energy</i> , <b>2015</b> , 16, 357-366	17.1	125
22	Triggering nanoparticle surface ligand rearrangement via external stimuli: light-based actuation of biointerfaces. <i>Nanoscale</i> , <b>2015</b> , 7, 13638-45	7.7	24
21	Mesoporous N-doped carbons prepared with thermally removable nanoparticle templates: an efficient electrocatalyst for oxygen reduction reaction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 5555-62	16.4	543
20	MoS2 nanosheet-coated CoS2 nanowire arrays on carbon cloth as three-dimensional electrodes for efficient electrocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 22886-22891	13	161
19	Identifying Affinity Classes of Inorganic Materials Binding Sequences via a Graph-Based Model. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2015</b> , 12, 193-204	3	8
18	Ultrahigh-Performance Pseudocapacitor Electrodes Based on Transition Metal Phosphide Nanosheets Array via Phosphorization: A General and Effective Approach. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 7530-7538	15.6	287
17	Oxygen electroreduction promoted by quasi oxygen vacancies in metal oxide nanoparticles prepared by photoinduced chlorine doping. <i>Chemical Communications</i> , <b>2015</b> , 51, 10620-3	5.8	14
16	Electronic coupling between ligand and core energy states in dithiolate-monothiolate stabilized Au clusters. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 19342-9	3.6	8
15	Ordered mesoporous carbons-supported gold nanoparticles as highly efficient electrocatalysts for oxygen reduction reaction. <i>RSC Advances</i> , <b>2015</b> , 5, 103421-103427	3.7	13
14	Porous metallic MoO2-supported MoS2 nanosheets for enhanced electrocatalytic activity in the hydrogen evolution reaction. <i>Nanoscale</i> , <b>2015</b> , 7, 5203-8	7.7	226
13	Enhancing near IR luminescence of thiolate Au nanoclusters by thermo treatments and heterogeneous subcellular distributions. <i>Nanoscale</i> , <b>2014</b> , 6, 7416-23	7.7	28
12	Comparative Study of Materials-Binding Peptide Interactions with Gold and Silver Surfaces and Nanostructures: A Thermodynamic Basis for Biological Selectivity of Inorganic Materials. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 4960-4969	9.6	96
11	Peptide-mediated synthesis of gold nanoparticles: effects of peptide sequence and nature of binding on physicochemical properties. <i>Nanoscale</i> , <b>2014</b> , 6, 3165-72	7.7	91
10	Biomolecular recognition principles for bionanocombinatorics: an integrated approach to elucidate enthalpic and entropic factors. <i>ACS Nano</i> , <b>2013</b> , 7, 9632-46	16.7	121

9	Fluorescence Intensity and Lifetime Cell Imaging with Luminescent Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116,	3.8	44
8	Near infrared luminescence of gold nanoclusters affected by the bonding of 1,4-dithiolate durenene and monothiolate phenylethanethiolate. <i>Nanoscale</i> , <b>2012</b> , 4, 4119-24	7.7	41
7	Mixed dithiolate durenene-DT and monothiolate phenylethanethiolate protected Au130 nanoparticles with discrete core and core-ligand energy states. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16037-44	16.4	101
6	Monolayer reactions of protected Au nanoclusters with monothiol tiopronin and 2,3-dithiol dimercaptopropanesulfonate. <i>Langmuir</i> , <b>2011</b> , 27, 2989-96	4	23
5	Synthesis and structural determination of multidentate 2,3-dithiol-stabilized Au clusters. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 3367-74	16.4	94
4	Synthesis, Crystal Structures and Luminescent Properties of Terbium, Neodymium and Yttrium Complexes with a New Amide Type Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 392-396	1.3	6
3	Bimetallic (Iron or Cobalt) Complexes Bearing 2-Methyl-2,4-bis(6-iminopyridin-2-yl)-1H-1,5-benzodiazepines for Ethylene Reactivity. <i>Organometallics</i> , <b>2007</b> , 26, 2456-2460	3.8	77
2	N-Benzyl-2-[3,5-bis(benzyloxy)benzyloxy]benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o3283-o3283		
1	Probing the Co Role for Promoting OER and Zn-Air Battery Performance of NiFe-LDH: A Combined Experimental and Theoretical Study. <i>Journal of Materials Chemistry A</i> ,	13	4