## Min Chen

## 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.

106 65 4,445 34 h-index g-index citations papers 6.02 6.9 5,468 112 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
106	Anchoring RuSe on CoSe nanoarrays as a hybrid catalyst for efficient and robust oxygen evolution reaction <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 615, 327-334	9.3	1
105	Photocatalytic CO 2 Reduction <b>2022</b> , 541-567		
104	Photocatalytic reduction of CO into CH over Ru-doped TiO: Synergy of Ru and oxygen vacancies. Journal of Colloid and Interface Science, 2021,	9.3	10
103	Stable and enhanced electrochemical performance based on hierarchical core-shell structure of CoMnO@NiSelectrode for hybrid supercapacitor. <i>Nanotechnology</i> , <b>2021</b> , 33,	3.4	2
102	Interfacing Co3Mo with CoMoOx for synergistically boosting electrocatalytic hydrogen and oxygen evolution reactions. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133240	14.7	4
101	Steering Multistep Charge Transfer for Highly Selectively Photocatalytic Reduction of CO2 into CH4 over Pd/Cu2O/TiO2 Ternary Hybrid. <i>Solar Rrl</i> , <b>2021</b> , 5, 2000813	7.1	10
100	Synergistically Integrating Nickel Porous Nanosheets with 5d Transition Metal Oxides Enabling Efficient Electrocatalytic Overall Water Splitting. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8189-8199	5.1	5
99	Bimetallic Co-Mo nitride nanosheet arrays as high-performance bifunctional electrocatalysts for overall water splitting. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 128433	14.7	45
98	Synergistically coupling of Fe-doped CoP nanocubes with CoP nanosheet arrays towards enhanced and robust oxygen evolution electrocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 67-75	9.3	18
97	Interfacial Engineering of the CoxP <b>E</b> e2P Heterostructure for Efficient and Robust Electrochemical Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 7737-7748	8.3	11
96	KCa2Nb3O10/ZnIn2S4 nanosheet heterojunctions with improved charge separation efficiency for efficient photocatalytic CO2 reduction. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 865, 158836	5.7	7
95	A NIR-Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5305-5309	3.6	2
94	A NIR-Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5245-5249	16.4	13
93	Fe-doped NiCoP/Prussian blue analog hollow nanocubes as an efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , <b>2021</b> , 367, 137492	6.7	11
92	Integrating Ru-modulated CoP nanosheets binary co-catalyst with 2D g-CN nanosheets for enhanced photocatalytic hydrogen evolution activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 585, 108-117	9.3	27
91	OD ultrafine ruthenium quantum dot decorated 3D porous graphitic carbon nitride with efficient charge separation and appropriate hydrogen adsorption capacity for superior photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2414-2425	4.3	6
90	Co(OH) water oxidation cocatalyst-decorated CdS nanowires for enhanced photocatalytic CO reduction performance. <i>Dalton Transactions</i> , <b>2021</b> , 50, 10159-10167	4.3	1

## (2020-2021)

89	Iron and nitrogen Co-doped CoSe2 nanosheet arrays for robust electrocatalytic water oxidation. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 2725-2734	6.8	2
88	Interfacial engineering of CeO on NiCoP nanoarrays for efficient electrocatalytic oxygen evolution. <i>Nanotechnology</i> , <b>2021</b> , 32, 195704	3.4	7
87	Accelerating water dissociation kinetic in Co9S8 electrocatalyst by mn/N Co-doping toward efficient alkaline hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 7989-8001	6.7	8
86	Fe-Doped CoP holey nanosheets as bifunctional electrocatalysts for efficient hydrogen and oxygen evolution reactions. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 26391-26401	6.7	7
85	Synergistic Integration of AuCu Co-Catalyst with Oxygen Vacancies on TiO for Efficient Photocatalytic Conversion of CO to CH. <i>ACS Applied Materials &amp; District Amplied Materials &amp; District &amp;</i>	9.5	10
84	Template confined construction of FeNiCoP/NiCoP/NF heterostructures for highly efficient electrocatalytic oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 37746-3	79 <del>7</del> 6	2
83	Synergistic effects of surface Lewis Base/Acid and nitrogen defect in MgAl layered double Oxides/Carbon nitride heterojunction for efficient photoreduction of carbon dioxide. <i>Applied Surface Science</i> , <b>2021</b> , 563, 150369	6.7	3
82	Oxygen vacancy engineering of BiOBr/HNbO Z-scheme hybrid photocatalyst for boosting photocatalytic conversion of CO. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 599, 245-254	9.3	14
81	Facile synthesis of hierarchical NiCoP nanosheets/NiCoP nanocubes homojunction electrocatalyst for highly efficient and stable hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2021</b> , 565, 150537	6.7	4
80	Synergistically integrated CoS@NiFe-layered double hydroxide core-branch hierarchical architectures as efficient bifunctional electrocatalyst for water splitting. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 604, 680-690	9.3	10
79	Interfacial engineering of Co3FeNx embedded N-doped carbon nanoarray derived from metalBrganic frameworks for enhanced oxygen evolution reaction. <i>Electrochimica Acta</i> , <b>2020</b> , 354, 1360	6 <b>29</b>	16
78	Holey Cobalt-Iron Nitride Nanosheet Arrays as High-Performance Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Applied Materials &amp; Samp; Interfaces</i> , <b>2020</b> , 12, 29253-29263	9.5	10
77	Hierarchical CoO@Ni(OH) core-shell heterostructure arrays for advanced asymmetric supercapacitors. <i>Nanotechnology</i> , <b>2020</b> , 31, 405705	3.4	10
76	Nanowire-assembled CoO@NiS core-shell hierarchical with enhanced electrochemical performance for asymmetric supercapacitors. <i>Nanotechnology</i> , <b>2020</b> , 31, 295403	3.4	4
75	Synthesis of an iron-doped 3D-ordered mesoporous cobalt phosphide material toward efficient electrocatalytic overall water splitting. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3002-3010	6.8	9
74	Iron-doped nickle cobalt ternary phosphide hyperbranched hierarchical arrays for efficient overall water splitting. <i>Electrochimica Acta</i> , <b>2020</b> , 334, 135633	6.7	19
73	Covalently Bonded Bi2O3 Nanosheet/Bi2WO6 Network Heterostructures for Efficient Photocatalytic CO2 Reduction. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 12194-12203	6.1	9
72	Designing positive electrodes based on 3D hierarchical CoMn2O4@NiMn-LDH nanoarray composites for high energy and power density supercapacitors. <i>CrystEngComm</i> , <b>2020</b> , 22, 6864-6875	3.3	5

71	NickelThanganese bimetallic phosphides porous nanosheet arrays as highly active bifunctional hydrogen and oxygen evolution electrocatalysts for overall water splitting. <i>Electrochimica Acta</i> , <b>2020</b> , 329, 135121	6.7	29
70	Noble-metal-free Co P nanoparticles: modified perovskite oxide ultrathin nanosheet photocatalysts with significantly enhanced photocatalytic hydrogen evolution activity. <i>Nanotechnology</i> , <b>2020</b> , 31, 325401	3.4	2
69	Hierarchically structured Co3O4@glucose-modified LDH architectures for high-performance supercapacitors. <i>Applied Surface Science</i> , <b>2019</b> , 488, 639-647	6.7	27
68	Synergistic coupling of CoFe-LDH arrays with NiFe-LDH nanosheet for highly efficient overall water splitting in alkaline media. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 253, 131-139	21.8	258
67	Hierarchical urchin-like Co9S8@Ni(OH)2 heterostructures with superior electrochemical performance for hybrid supercapacitors. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8444-8451	3.6	10
66	CoP3/CoMoP Heterogeneous Nanosheet Arrays as Robust Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 9309-9317	8.3	63
65	Coupling CoP and CoP nanoparticles with copper ions incorporated CoS nanowire arrays for synergistically boosting hydrogen evolution reaction electrocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 550, 10-16	9.3	31
64	MOF-derived cobalt oxides nanoparticles anchored on CoMoO4 as a highly active electrocatalyst for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 806, 1097-1104	5.7	22
63	Integration of ZnCo2S4 nanowires arrays with NiFe-LDH nanosheet as water dissociation promoter for enhanced electrocatalytic hydrogen evolution. <i>Electrochimica Acta</i> , <b>2019</b> , 324, 134861	6.7	17
62	MoS/SnNbO 2D/2D nanosheet heterojunctions with enhanced interfacial charge separation for boosting photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 536, 1-8	9.3	45
61	Syntheses, Crystal Structures, and Properties of Three Novel Silver Drganic Frameworks Assembled from 1,2,3,5-Benzenetetracarboxylic Acid Based on Argentophilic Interactions. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1978-1986	3.5	12
60	Construction of RGO/CdIn 2 S 4 /g-C 3 N 4 ternary hybrid with enhanced photocatalytic activity for the degradation of tetracycline hydrochloride. <i>Applied Surface Science</i> , <b>2018</b> , 433, 388-397	6.7	59
59	Enhanced photocatalytic activity of graphitic carbon nitride/carbon nanotube/BiWO ternary Z-scheme heterojunction with carbon nanotube as efficient electron mediator. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 693-700	9.3	76
58	CdS nanoparticles decorated K+Ca2Nb3O10hanosheets with enhanced photocatalytic activity. <i>Materials Letters</i> , <b>2018</b> , 229, 236-239	3.3	5
57	Assembly of WO3 nanosheets/Bi24O31Br10 nanosheets composites with superior photocatalytic activity for degradation of tetracycline hydrochloride. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 15804-15	81 <del>6</del> 3	10
56	Graphene-Sensitized Perovskite Oxide Monolayer Nanosheets for Efficient Photocatalytic Reaction. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1806284	15.6	37
55	Construction of Novel CdS/SnNb2O6 Heterojunctions with Enhanced Photocatalytic Degradation Activity Under Visible Light. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4812-4818	2.3	3
54	Engineering Ni(OH)2 Nanosheet on CoMoO4 Nanoplate Array as Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16086-16095	8.3	42

Construction of novel SrHNbOIHO/g-CN heterojunction with enhanced visible light photocatalytic activity for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 526, 451-458	9.3	20
Dionlacobson-type perovskite KCa2Ta3O10 nanosheets hybridized with g-C3N4 nanosheets for photocatalytic H2 production. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 3767-3773	5.5	23
Synthesis and electrochemical performance of LiFePO4/C cathode materials from Fe2O3 for high-power lithium-ion batteries. <i>Ionics</i> , <b>2017</b> , 23, 377-384	2.7	7
Construction of ultrafine TiO2 nanoparticle and SnNb2O6 nanosheet 0D/2D heterojunctions with abundant interfaces and significantly improved photocatalytic activity. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 2308-2317	5.5	34
CdIn2S4/g-C3N4 heterojunction photocatalysts: enhanced photocatalytic performance and charge transfer mechanism. <i>RSC Advances</i> , <b>2017</b> , 7, 231-237	3.7	44
SrTiO3 Nanoparticle/SnNb2O6 Nanosheet 0D/2D Heterojunctions with Enhanced Interfacial Charge Separation and Photocatalytic Hydrogen Evolution Activity. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 9749-9757	8.3	35
RGO-Promoted All-Solid-State g-C3N4/BiVO4 Z-Scheme Heterostructure with Enhanced Photocatalytic Activity toward the Degradation of Antibiotics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 8823-8832	3.9	90
Construction of novel WO/SnNbO hybrid nanosheet heterojunctions as efficient Z-scheme photocatalysts for pollutant degradation. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 506, 93-101	9.3	49
2D/2D heterojunctions of WO3 nanosheet/K+Ca2Nb3O10IIIltrathin nanosheet with improved charge separation efficiency for significantly boosting photocatalysis. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 3481-3491	5.5	56
Perovskite oxide ultrathin nanosheets/g-C3N4 2D-2D heterojunction photocatalysts with significantly enhanced photocatalytic activity towards the photodegradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 201, 617-628	21.8	285
Synthesis, characterization, and adsorption properties of silica aerogels crosslinked with diisocyanate under ambient drying. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 9472-9483	4.3	12
Ag nanoparticle-decorated CoS nanosheet nanocomposites: a high-performance material for multifunctional applications in photocatalysis and supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 55039-55045	3.7	29
Synthesis of cuprous oxide with morphological evolution from truncated octahedral to spherical structures and their size and shape-dependent photocatalytic activities. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 461, 25-31	9.3	19
In-situ synthesis and enhanced photocatalytic activity of visible-light-driven plasmonic Ag/AgCl/NaTaO3 nanocubes photocatalysts. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 191, 228-234	21.8	115
Novel En2.77S4 nanosheet-assembled hierarchical microspheres: synthesis and high performance for photocatalytic reduction of Cr(VI). <i>RSC Advances</i> , <b>2016</b> , 6, 18227-18234	3.7	13
Construction of SnNb2O6 nanosheet/g-C3N4 nanosheet two-dimensional heterostructures with improved photocatalytic activity: Synergistic effect and mechanism insight. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 183, 113-123	21.8	208
Enhancement of g-C3N4 nanosheets photocatalysis by synergistic interaction of ZnS microsphere and RGO inducing multistep charge transfer. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 198, 200-210	21.8	132
Fabrication of a Ag/Bi3TaO7 Plasmonic Photocatalyst with Enhanced Photocatalytic Activity for Degradation of Tetracycline. <i>ACS Applied Materials &amp; Degradation of Tetracycline</i> .	9.5	204
	activity for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 451-458  Dionilacobson-type perovskite KCa2Ta3O10 nanosheets hybridized with g-C3N4 nanosheets for photocatalytic H2 production. <i>Catalysis Science and Technology</i> , 2018, 8, 3767-3773  Synthesis and electrochemical performance of LiFePO4/C cathode materials from Fe2O3 for high-power lithium-ion batteries. <i>Ionics</i> , 2017, 23, 377-384  Synthesis and electrochemical performance of LiFePO4/C cathode materials from Fe2O3 for high-power lithium-ion batteries. <i>Ionics</i> , 2017, 23, 377-384  Construction of ultrafine TiO2 nanoparticle and SnNb2O6 nanosheet OD/2D heterojunctions with abundant interfaces and significantly improved photocatalytic activity. <i>Catalysis Science and Technology</i> , 2017, 7, 2308-2317  Cdln2S4/g-C3N4 heterojunction photocatalysts: enhanced photocatalytic performance and charge transfer mechanism. <i>RSC Advances</i> , 2017, 7, 231-237  STIO3 Nanoparticle/SnNb2O6 Nanosheet OD/2D Heterojunctions with Enhanced Interfacial Charge Separation and Photocatalytic Hydrogen Evolution Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 949-9757  RGO-Promoted All-Solid-State g-C3N4/BNO4 Z-Scheme Heterostructure with Enhanced Photocatalytic Activity toward the Degradation of Antibiotics. <i>Industrial Ramp; Engineering Chemistry Research</i> , 2017, 56, 8823-8632  Construction of novel WO/SnNbO hybrid nanosheet heterojunctions as efficient Z-scheme photocatalysts for pollutant degradation. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 93-101  2D/2D heterojunctions of WO3 nanosheet/K+Ca2Nb3O10fultrathin nanosheet with improved charge separation efficiency for significantly boosting photocatalysis. <i>Catalysis Science and Technology</i> , 2017, 7, 3481-3491  Perovskite oxide ultrathin nanosheets/g-C3N4 2D-2D heterojunction photocatalysts with significantly enhanced photocatalytic activity towards the photodegradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , 2016, 616, 55039-55045  Synthesis, characterization,	activity for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 451-458  Dionilacobson-type perovskite KCa2Ta3O10 nanosheets hybridized with g-C3N4 nanosheets for photocatalytic H2 production. <i>Catalysis Science and Technology</i> , 2018, 8, 3767-3773  Synthesis and electrochemical performance of LiFePO4/C cathode materials from Fe2O3 for high-power lithium-ion batteries. <i>Ionics</i> , 2017, 23, 377-384  Construction of ultrafine TiO2 nanoparticle and SnNb2O6 nanosheet 0D/2D heterojunctions with abundant interfaces and significantly improved photocatalytic activity. <i>Catalysis Science and Technology</i> , 2017, 7, 2308-2317  Cdin2S4/g-C3N4 heterojunction photocatalysts: enhanced photocatalytic performance and charge transfer mechanism. <i>RSC Advances</i> , 2017, 7, 231-237  SrTiO3 Nanoparticle/SnNb2O6 Nanosheet 0D/2D Heterojunctions with Enhanced Interfacial Charge Separation and Photocatalytic Hydrogen Evolution Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9749-9757  RGO-Promoted All-Solid-State g-C3N4/BiVO4 Z-Scheme Heterostructure with Enhanced Photocatalytic Activity toward the Degradation of Antibiotics. <i>Industrial Bamp: Engineering Chemistry Research</i> , 2017, 56, 8823-8832  Construction of novel WO/SnNbO hybrid nanosheet heterojunctions as efficient Z-scheme photocatalysts for pollutant degradation. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 93-101  9:3  2D/2D heterojunctions of WO3 nanosheet/K-Ca2Nb3O10illtrathin nanosheet with improved charge separation efficiency for significantly boosting photocatalysis. <i>Catalysis Science and Technology</i> , 2017, 7, 3481-3491  Perovskite oxide ultrathin nanosheet-Sp-C3N4/2D-2D heterojunction photocatalysts with significantly enhanced photocatalytic activity towards the photodegradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 617-628  Synthesis, characterization, and adsorption properties of silica aerogels crosslinked with diisocyanate under ambient drying. <i>Journal of Materials Science</i> , 2016, 51, 9472-94

35	Controllable synthesis of fluorapatite microcrystals decorated with silver nanoparticles and their optical properties. <i>RSC Advances</i> , <b>2015</b> , 5, 12392-12396	3.7	10
34	Synthesis and size-dependent electrochemical nonenzymatic H2O2 sensing of cuprous oxide nanocubes. <i>RSC Advances</i> , <b>2015</b> , 5, 82496-82502	3.7	17
33	A g-C3N4/nanocarbon/ZnIn2S4 nanocomposite: an artificial Z-scheme visible-light photocatalytic system using nanocarbon as the electron mediator. <i>Chemical Communications</i> , <b>2015</b> , 51, 17144-7	5.8	117
32	Natural carbon nanodots assisted development of size-tunable metal (Pd, Ag) nanoparticles grafted on bionic dendritic ⊞e2O3 for cooperative catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23607-23620	13	29
31	Ag-Decorated ATaO3 (A = K, Na) Nanocube Plasmonic Photocatalysts with Enhanced Photocatalytic Water-Splitting Properties. <i>Langmuir</i> , <b>2015</b> , 31, 9694-9	4	67
30	Synthesis, Crystal Structure, Fluorescence and Photocatalytic Properties of a Copper Compound with 2-Phenyl-1H-1,3,7,8-tetraazacyclopenta[l]phenanthrene and Silicotungstic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 826-830	1.3	2
29	Two-Dimensional CaIn®/g-CM©Heterojunction Nanocomposite with Enhanced Visible-Light Photocatalytic Activities: Interfacial Engineering and Mechanism Insight. <i>ACS Applied Materials &amp; Amp; Interfaces</i> , <b>2015</b> , 7, 19234-42	9.5	255
28	Angstrom-scale vanadium carbide rods as Pt electrocatalyst support for efficient methanol oxidation reaction. <i>RSC Advances</i> , <b>2015</b> , 5, 9561-9564	3.7	7
27	N-doped graphene quantum dots as an effective photocatalyst for the photochemical synthesis of silver deposited porous graphitic C3N4 nanocomposites for nonenzymatic electrochemical H2O2 sensing. RSC Advances, <b>2014</b> , 4, 16163-16171	3.7	65
26	Highly efficient heterojunction photocatalyst based on nanoporous g-C3N4 sheets modified by Ag3PO4 nanoparticles: synthesis and enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 417, 115-20	9.3	127
25	In situ synthesis of bimetallic Ag/Pt loaded single-crystalline anatase TiO2 hollow nano-hemispheres and their improved photocatalytic properties. <i>CrystEngComm</i> , <b>2014</b> , 16, 2384	3.3	58
24	MoCgraphite composite as a Pt electrocatalyst support for highly active methanol oxidation and oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4014	13	97
23	Hydrothermal synthesis of In2S3/g-C3N4 heterojunctions with enhanced photocatalytic activity. Journal of Colloid and Interface Science, <b>2014</b> , 433, 9-15	9.3	127
22	The synthesis of a novel AgNaTaO3 hybrid with plasmonic photocatalytic activity under visible-light. <i>CrystEngComm</i> , <b>2014</b> , 16, 1384	3.3	27
21	ZnS microsphere/g-C3N4 nanocomposite photo-catalyst with greatly enhanced visible light performance for hydrogen evolution: synthesis and synergistic mechanism study. <i>RSC Advances</i> , <b>2014</b> , 4, 62223-62229	3.7	41
20	One-pot synthesis of 1-acetylpyrene over supported phosphotungstic heteropoly acid catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2013</b> , 108, 531-544	1.6	4
19	Small-sized Pt particles on mesoporous hollow carbon spheres for highly stable oxygen reduction reaction. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 256-261	6.7	24
18	Facile synthesis of corellhelllatellite Ag/C/Ag nanocomposites using carbon nanodots as reductant and their SERS properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 6305	3.3	20

## LIST OF PUBLICATIONS

17	In-situ ion exchange synthesis of hierarchical AgI/BiOI microsphere photocatalyst with enhanced photocatalytic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 7556	3.3	93
16	Natural leaves-assisted synthesis of nitrogen-doped, carbon-rich nanodots-sensitized, Ag-loaded anatase TiO2 square nanosheets with dominant {001} facets and their enhanced catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14963	13	64
15	Efficient Synthesis of 1-Acetylpyrene Using [Bmim]ClEeCl3 Ionic Liquid as Dual Catalyst and Solvent. <i>International Journal of Chemical Reactor Engineering</i> , <b>2013</b> , 11, 1-7	1.2	51
14	Modifiers-assisted formation of nickel nanoparticles and their catalytic application to p-nitrophenol reduction. <i>CrystEngComm</i> , <b>2013</b> , 15, 560-569	3.3	221
13	Novel p-n heterojunction photocatalyst constructed by porous graphite-like C3N4 and nanostructured BiOI: facile synthesis and enhanced photocatalytic activity. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15726-34	4.3	295
12	Facile synthesis and characterisation of hexagonal magnetite nanoplates. <i>Micro and Nano Letters</i> , <b>2013</b> , 8, 383-385	0.9	9
11	Facile route fabrication of nano-Ni core mesoporous-silica shell particles with high catalytic activity towards 4-nitrophenol reduction. <i>CrystEngComm</i> , <b>2012</b> , 14, 4601	3.3	99
10	Synthesis of 1-benzoylpyrene using silica-supported phosphotungstic heteropoly acid as an efficient and reusable catalyst. <i>Korean Journal of Chemical Engineering</i> , <b>2012</b> , 29, 1388-1392	2.8	4
9	Photoenhanced degradation of rhodamine blue on monometallic gold (Au) loaded brookite titania photocatalysts activated by visible light. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2012</b> , 107, 487-502	1.6	9
8	One-pot synthesis of 5-acetylacenaphthene using heteropoly acid catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2011</b> , 102, 103-111	1.6	6
7	Novel Countercation in MMX-Type Mixed-Valence Chain Compound: Coexistence of Neutral and Protonated Amino Substituents. <i>Polymers</i> , <b>2011</b> , 3, 1652-1661	4.5	6
6	Preparation and characterization of heterojunction semiconductor YFeO3/TiO2 with an enhanced photocatalytic activity. <i>Journal of Materials Research</i> , <b>2010</b> , 25, 104-109	2.5	15
5	Poly[[(P)-1,2-bis-(imidazol-1-ylmeth-yl)benzene]((P)-cyclo-hexane-1,4-dicarboxyl-ato)cobalt(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, m330		
4	Alkylation of anthracene to 2-isopropylanthracene catalyzed by Lewis acid ionic liquids. <i>Korean Journal of Chemical Engineering</i> , <b>2009</b> , 26, 1563-1567	2.8	17
3	Preparation of 3,6-dibenzoylacenapthene in the presence of Lewis acidic ionic liquids. <i>Reaction Kinetics and Catalysis Letters</i> , <b>2009</b> , 98, 355-363		9
2	Comparative effects of five chelating agents on testicular toxicity in mice induced by acute exposure to cadmium. <i>Toxicological and Environmental Chemistry</i> , <b>2006</b> , 88, 325-330	1.4	1
1	Nitrogen-Doped Bimetallic Carbide-Graphite Composite as Highly Active and Extremely Stable Electrocatalyst for Oxygen Reduction Reaction in Alkaline Media. Advanced Functional Materials 220403	15.6	2