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List of Publications by Year in
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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.

107 papers	2,476 citations	26 h-index	46 g-index
109 ext. papers	2,926 ext. citations	4.4 avg, IF	5.4 L-index

#	Paper	IF	Citations
107	Design of a High-Efficiency Bifunctional Electrocatalyst: Rich-Nitrogen-Doped Reduced Graphene Oxide-Modified Carbon Cloth-Growing Nickel/Iron Complex Oxides for Overall Water Splitting. <i>Energy & Fuels</i> , 2022 , 36, 4911-4923	4.1	
106	Assembly of platinum nanoparticles and single-atom bismuth for selective oxidation of glycerol. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 25576-25584	13	0
105	Research progress of novel bio-based plasticizers and their applications in poly(vinyl chloride). <i>Journal of Materials Science</i> , 2021 , 56, 10155-10182	4.3	9
104	Synthesis of Coraloid Carbon Nitride Polymers and Photocatalytic Selective Oxidation of Benzyl Alcohol. <i>Nanotechnology</i> , 2021 ,	3.4	2
103	Synthesis of polyols containing nitrogen-phosphorus from vegetable oil derivatives for polyurethane film applications. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50839	2.9	1
102	Rational design of MoSe ₂ -rGO-CNTs flower-like heterostructures for efficient acidic hydrogen evolution. <i>Journal of Solid State Electrochemistry</i> , 2021 , 25, 1825-1834	2.6	4
101	An efficient plasticizer based on waste cooking oil: Structure and application. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50128	2.9	9
100	Synthesis and properties of a bio-based PVC plasticizer derived from lactic acid. <i>New Journal of Chemistry</i> , 2021 , 45, 123-130	3.6	5
99	Multiwalled carbon nanotubes/castor-oilBased waterborne polyurethane nanocomposite prepared using a solvent-free method. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 1038-1048	3.2	3
98	Improving the photocatalytic activity of benzyl alcohol oxidation by Z-scheme SnS/g-C ₃ N ₄ . <i>New Journal of Chemistry</i> , 2021 , 45, 6611-6617	3.6	9
97	Efficiently selective oxidation of glycerol by BiQDs/BiOBrO ₂ : promotion of molecular oxygen activation by Bi quantum dots and oxygen vacancies. <i>New Journal of Chemistry</i> , 2021 , 45, 12938-12944	3.6	3
96	Synthesis of novel plasticizer ester end-capped oligomeric lactic acid and its plasticizing performance in poly(vinyl chloride). <i>New Journal of Chemistry</i> , 2021 , 45, 11371-11379	3.6	3
95	The selective oxidation of glycerol over metal-free photocatalysts: insights into the solvent effect on catalytic efficiency and product distribution. <i>Catalysis Science and Technology</i> , 2021 , 11, 3385-3392	5.5	3
94	High-dispersed MoO ₃ nanoparticles in 3D-dendritic mesoporous silica nanospheres: heterogeneous catalysts for the epoxidation of olefins. <i>Journal of Porous Materials</i> , 2021 , 28, 779-789	2.4	1
93	Zirconia-coated magnetic Fe ₂ O ₃ nanoparticles supported 12-tungstophosphoric acid: A novel environmentally friendly catalyst for biodiesel production. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 837-848	1.5	1
92	AcidicBasic Bifunctional Magnetic Mesoporous CoFe ₂ O ₄ @(CaO/nO) for the Synthesis of Glycerol Carbonate. <i>Catalysis Letters</i> , 2020 , 150, 2863-2872	2.8	5
91	A tannin-derived zirconium-containing porous hybrid for efficient MeerweinBonndorfVerley reduction under mild conditions. <i>Green Chemistry</i> , 2020 , 22, 180-186	10	25

90	Cobalt-Polypyrrole/Melamine-Derived Co-N@NC Catalysts for Efficient Base-Free Formic Acid Dehydrogenation and Formylation of Quinolines through Transfer Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 474-483	9.5	12
89	(CaO-Y2O3)@LiFe5O8 magnetic catalyst by doping yttrium for improving stability: Optimized by response surface methodology for biodiesel production. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 789-804	1.5	3
88	Photo-sensitization of BiOCl by CuInS2 Surface Layer for Photoelectrochemical Cathode. <i>Catalysis Letters</i> , 2020 , 150, 1337-1345	2.8	2
87	p-Type Cu2O as an effective interlayer between CdS and NiOx cocatalysts to promote photocatalytic hydrogen production. <i>New Journal of Chemistry</i> , 2020 , 44, 17719-17723	3.6	2
86	Facile synthesis of a highly efficient Co/Cu@NC catalyst for base-free oxidation of alcohols to esters. <i>New Journal of Chemistry</i> , 2020 , 44, 7780-7785	3.6	2
85	Monodisperse mesoporous La2O3 flakes for the synthesis of glycerol carbonate by efficiently catalyzing the transesterification of dimethyl carbonate with glycerol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019 , 128, 763-778	1.6	5
84	NiO nanowires as hole-transfer layer for drastic enhancement of CdSe-sensitized photocathodes. <i>New Journal of Chemistry</i> , 2019 , 43, 4075-4081	3.6	3
83	Surface Modification of KF Immobilized on Spherical Magnetite Nanoparticle with CTAB for Glycerol Carbonate Production. <i>ChemistrySelect</i> , 2019 , 4, 1214-1219	1.8	
82	Lithium Doping Y2O3: A Highly Efficient Solid Base Catalyst for Biodiesel Synthesis with Excellent Water Resistance and Acid Resistance. <i>Catalysis Letters</i> , 2019 , 149, 2433-2443	2.8	4
81	Porous metal-metalloporphyrin gel as catalytic binding pocket for highly efficient synergistic catalysis. <i>Nature Communications</i> , 2019 , 10, 1913	17.4	24
80	Metal-Organic-Framework-Derived Nitrogen-Doped Hybrid Nickel-Iron-Sulfide Architectures on Carbon Cloth as Efficient Electrocatalysts for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2019 , 6, 2741-2747	4.3	12
79	Modified cellulose nanocrystals enhancement to mechanical properties and water resistance of vegetable oil-based waterborne polyurethane. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48228	2.9	12
78	Palladium Nanoparticles Immobilized on Nitride Carbon-Coated Mesoporous Tungsten Oxide for Formic Acid Dehydrogenation. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7432-7440	5.6	13
77	Functionalization of graphene oxide with different diisocyanates and their use as a reinforcement in waterborne polyurethane composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019 , 56, 1071-1081	2.2	6
76	Novel Brønsted-Lewis Acid Heterogeneous Catalyst: Functionalized Imidazolium Ferric Salts@SBA-15 for Efficient Production of Biodiesel. <i>ChemistrySelect</i> , 2019 , 4, 11275-11281	1.8	2
75	Highly Dispersed and Small-Sized Nickel(II) Hydroxide Co-Catalyst Prepared by Photodeposition for Hydrogen Production. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4193-4200	4.5	7
74	Catalytic developments in the epoxidation of vegetable oils and the analysis methods of epoxidized products.. <i>RSC Advances</i> , 2019 , 9, 38119-38136	3.7	19
73	Rare earth-doped calcium-based magnetic catalysts for transesterification of glycerol to glycerol carbonate. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 164-170	1.5	4

72	Recent Progress in Application of Molybdenum-Based Catalysts for Epoxidation of Alkenes. <i>Catalysts</i> , 2019 , 9, 31	4	4 ¹
71	N-doped Carbon-coated Metal Sulfides/Phosphides Derived from Protic Salts for Oxygen Evolution Reaction. <i>ChemCatChem</i> , 2019 , 11, 1185-1191	5.2	3
70	Synthesis and properties of epoxy soybean oil-based polyurethanes modified by 3,13-dimethyldihydroxysilyl double-decker phenylsilsesquioxane. <i>Chemical Papers</i> , 2019 , 73, 747-756	1.9	3
69	Insight into the Crucial Factors for Photochemical Deposition of Cobalt Cocatalysts on g-CN Photocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9522-9531	9.5	6 ¹
68	Magnetic Solid Base Catalyst Fe ₃ O ₄ @Gly Used as Acid-Resistant Catalyst for Biodiesel Production. <i>Journal of the Chinese Chemical Society</i> , 2018 , 65, 681-686	1.5	6
67	Synthesis of Bismuth(III)Neodecanoate and Its Application to Poly(Vinyl Chloride) as a Thermal Stabilizer. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 1657-1664		
66	ITO nanoparticle film as a hole-selective layer for PbS-sensitized photocathodes. <i>New Journal of Chemistry</i> , 2018 , 42, 2243-2247	3.6	1
65	Molybdenum Nitride Nanocatalyst Derived from Melamine and Polyoxometalate-based Hybrid for Oxidative Coupling of Amines to Imines with Air. <i>ChemCatChem</i> , 2018 , 10, 4317-4323	5.2	6
64	Synergistic Activation of Palladium Nanoparticles by Polyoxometalate-Attached Melem for Boosting Formic Acid Dehydrogenation Efficiency. <i>ChemSusChem</i> , 2018 , 11, 3396-3401	8.3	15
63	Light driven epoxidation of olefins using a graphene oxide/g-C ₃ N ₄ supported Mo (salen) complex. <i>New Journal of Chemistry</i> , 2018 , 42, 85-90	3.6	17
62	Solvent-free aerobic selective oxidation of hydrocarbons catalyzed by porous graphitic carbon encapsulated cobalt composites. <i>New Journal of Chemistry</i> , 2018 , 42, 16829-16835	3.6	10
61	Poly(vinyl chloride) films plasticized with novel poly-nadic-anhydride polyester plasticizers. <i>Journal of Vinyl and Additive Technology</i> , 2017 , 23, 321-328	2	10
60	Synthesis and properties of castor oil based polyurethanes reinforced with double-decker silsesquioxane. <i>Polymer Bulletin</i> , 2017 , 74, 2767-2785	2.4	4
59	Graphitic C N Decorated with CoP Co-catalyst: Enhanced and Stable Photocatalytic H Evolution Activity from Water under Visible-light Irradiation. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 361-365	4.5	74
58	Thiol Functionalized Cross-Linked Chitosan Polymer Supporting Palladium for Oxidative Heck Reaction and Reduction of p-Nitrophenol. <i>Catalysis Letters</i> , 2017 , 147, 2534-2541	2.8	16
57	Immobilizing Palladium Nanoparticles on Nitrogen-Doped Carbon for Promotion of Formic Acid Dehydrogenation and Alkene Hydrogenation. <i>ChemistrySelect</i> , 2017 , 2, 5469-5474	1.8	19
56	Noble-Metal-Free Iron Phosphide Cocatalyst Loaded Graphitic Carbon Nitride as an Efficient and Robust Photocatalyst for Hydrogen Evolution under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8053-8060	8.3	75
55	Effect of octa(aminopropyl) polyhedral oligomeric silsesquioxane (OapPOSS) functionalized graphene oxide on the mechanical, thermal, and hydrophobic properties of waterborne polyurethane composites. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	11

54	N-Doped carbon encapsulated molybdenum carbide as an efficient catalyst for oxidant-free dehydrogenation of alcohols. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17580-17588	13	24
53	POSS-derived solid acid catalysts with excellent hydrophobicity for highly efficient transformations of glycerol. <i>Catalysis Science and Technology</i> , 2016 , 6, 875-881	5.5	30
52	POSS-derived mesoporous ionic copolymer-polyoxometalate catalysts with a surfactant function for epoxidation reactions. <i>New Journal of Chemistry</i> , 2016 , 40, 1022-1028	3.6	21
51	Ionic Polymer Microspheres Bearing a Co(III) -Salen Moiety as a Bifunctional Heterogeneous Catalyst for the Efficient Cycloaddition of CO ₂ and Epoxides. <i>Chemistry - A European Journal</i> , 2016 , 22, 8368-75	4.8	42
50	Light-assisted rapid preparation of a Ni/g-C ₃ N ₄ magnetic composite for robust photocatalytic H ₂ evolution from water. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9998-10007	13	149
49	Manganese(III) Tetraphenylporphyrin Encapsulated by Ion-Modified Hexagonal Mesoporous Silica With Unexpected Enhanced Epoxidation Selectivity. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016 , 46, 1765-1772		2
48	Amine-graphene oxide/waterborne polyurethane nanocomposites: effects of different amine modifiers on physical properties. <i>Journal of Materials Science</i> , 2016 , 51, 8296-8309	4.3	42
47	POSS-based meso-/macroporous covalent networks: supporting and stabilizing Pd for Suzuki-Miyaura reaction at room temperature. <i>RSC Advances</i> , 2016 , 6, 57183-57189	3.7	10
46	A novel g-C ₃ N ₄ based photocathode for photoelectrochemical hydrogen evolution. <i>RSC Advances</i> , 2016 , 6, 7465-7473	3.7	24
45	A Robust Metal-Metalloporphyrin Framework Based upon a Secondary Building Unit of Infinite Nickel Oxide Chain. <i>Crystal Growth and Design</i> , 2016 , 16, 1005-1009	3.5	13
44	Synthesis and characterization of sustainable polyurethane based on epoxy soybean oil and modified by double-decker silsesquioxane. <i>Journal of Materials Science</i> , 2016 , 51, 2443-2452	4.3	15
43	Covalent anchoring of Mo(VI) Schiff base complex into SBA-15 as a novel heterogeneous catalyst for enhanced alkene epoxidation. <i>Journal of Porous Materials</i> , 2016 , 23, 431-440	2.4	25
42	Soy-castor oil based polyurethanes with octaphenylsilsesquioxane-tetraol double-decker silsesquioxane in the main chains. <i>RSC Advances</i> , 2016 , 6, 69521-69529	3.7	16
41	Metal-Metalloporphyrin Framework Modified with Flexible tert-Butyl Groups for Selective Gas Adsorption. <i>ChemPlusChem</i> , 2016 , 81, 714-717	2.8	7
40	Hydrogen bond-directed encapsulation of metalloporphyrin into the microcages of zeolite imidazolate frameworks for synergistic biomimetic catalysis. <i>Catalysis Science and Technology</i> , 2016 , 6, 5848-5855	5.5	15
39	The value-added utilization of glycerol for the synthesis of glycerol carbonate catalyzed with a novel porous ZnO catalyst. <i>RSC Advances</i> , 2016 , 6, 76223-76230	3.7	15
38	3D Macro-Mesoporous TiO ₂ -Graphene Oxide (GO) Composite with Enhanced Catalytic Performance in the Epoxidation of Styrene and its Derivatives. <i>ChemistrySelect</i> , 2016 , 1, 1384-1392	1.8	10
37	An Efficient Catalyst Based on a Metal Metalloporphyrinic Framework for Highly Selective Oxidation. <i>Catalysis Letters</i> , 2015 , 145, 589-595	2.8	8

36	Amphiphilic porous polyhedral oligomeric silsesquioxanes (POSS) incorporated polyoxometalate-paired polymeric hybrids: interfacial catalysts for epoxidation reactions. <i>RSC Advances</i> , 2015 , 5, 17709-17715	3.7	25
35	One-step preparation of nickel sulfide/nickel hydroxide films for electrocatalytic hydrogen generation from water. <i>RSC Advances</i> , 2015 , 5, 60674-60680	3.7	15
34	Superior peroxidase mimetic activity of carbon dotsPt nanocomposites relies on synergistic effects. <i>New Journal of Chemistry</i> , 2015 , 39, 4141-4146	3.6	43
33	Light-Assisted Preparation of a ZnO/CdS Nanocomposite for Enhanced Photocatalytic H ₂ Evolution: An Insight into Importance of in Situ Generated ZnS. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 969-977	8.3	129
32	In situ light-assisted preparation of MoS ₂ on graphitic C ₃ N ₄ nanosheets for enhanced photocatalytic H ₂ production from water. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7375-7381	13	237
31	Highly dispersed CeO ₂ /TiO ₂ nanotube: a synergistic nanocomposite with superior peroxidase-like activity. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6451-61	9.5	205
30	A novel poly(p-styrenesulfonic acid) grafted carbon nanotube/graphene oxide architecture with enhanced catalytic performance for the synthesis of benzoate esters and fatty acid alkyl esters. <i>RSC Advances</i> , 2015 , 5, 90757-90765	3.7	10
29	Efficient Photoelectrochemical Hydrogen Generation from Water Using a Robust Photocathode Formed by CdTe QDs and Nickel Ion. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2429-2434	8.3	38
28	Facile preparation of a ZnS/ZnO nanocomposite for robust sunlight photocatalytic H ₂ evolution from water. <i>RSC Advances</i> , 2015 , 5, 6494-6500	3.7	40
27	POSS-Derived Mesostructured Amphiphilic Polyoxometalate-based Ionic Hybrids as Highly Efficient Epoxidation Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 170-176	8.3	38
26	Synthesis and characterization of sustainable polyurethane modified by cyclic polysiloxane. <i>Journal of Applied Polymer Science</i> , 2015 , 132,	2.9	6
25	Bottom-up approach to engineer two covalent porphyrinic frameworks as effective catalysts for selective oxidation. <i>Catalysis Science and Technology</i> , 2015 , 5, 101-104	5.5	44
24	Efficient and Stable MoS ₂ /CdSe/NiO Photocathode for Photoelectrochemical Hydrogen Generation from Water. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1660-7	4.5	27
23	Enhanced Catalytic Activity for Biodiesel Synthesis using an Acid-Tolerant Calcium/Magnesium/Aluminum-Oxide Hybrid with Improved Hydrophobicity and Dispersibility. <i>Energy Technology</i> , 2015 , 3, 211-215	3.5	1
22	AgBi(WO ₄) ₂ : A New Modification Material to Bi ₂ WO ₆ for Enhanced and Stable Visible-Light Photocatalytic Performance. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1948-52	4.5	1
21	PdCl ₂ -loading mesoporous copper oxide as a novel and environmentally friendly catalyst for diethyl carbonate synthesis. <i>Applied Surface Science</i> , 2015 , 332, 379-383	6.7	5
20	Catalytic epoxidation of fatty acid methyl esters by modified metalloporphyrins with variable metals and electron-donating substituents. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 112, 147-158	1.6	5
19	Effect of Hydrophobic Modification on the Catalytic Performance of PdCl ₂ /Cu-HMS with Different Silylation Temperatures. <i>Catalysis Letters</i> , 2014 , 144, 320-324	2.8	6

18	Amphiphilic phosphotungstate-paired ionic copolymer as a highly efficient catalyst for triphase epoxidation of alkenes with H ₂ O ₂ . <i>Catalysis Science and Technology</i> , 2014 , 4, 1293	5.5	37
17	Simple one-pot synthesis of ZnO/Ag heterostructures and the application in visible-light-responsive photocatalysis. <i>RSC Advances</i> , 2014 , 4, 7340-7346	3.7	41
16	Effects of morphology and crystal phase of sulfated nano-titania solid acids on catalytic esterification. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 113, 445-458	1.6	9
15	Bottom-up approach to engineer a molybdenum-doped covalent-organic framework catalyst for selective oxidation reaction. <i>RSC Advances</i> , 2014 , 4, 51544-51547	3.7	46
14	Simple hydrothermal preparation of TiO_2 and MnO_2 and phase sensitivity in catalytic ozonation. <i>RSC Advances</i> , 2014 , 4, 39167	3.7	58
13	An insight into the kinetics and interface sensitivity for catalytic ozonation: the case of nano-sized NiFe_2O_4 . <i>Catalysis Science and Technology</i> , 2014 , 4, 494-501	5.5	44
12	A high-surface-area mesoporous sulfated nano-titania solid superacid catalyst with exposed (101) facets for esterification: facile preparation and catalytic performance. <i>New Journal of Chemistry</i> , 2014 , 38, 4541	3.6	44
11	A polyhedral oligomeric silsesquioxane (POSS)-bridged oxo-molybdenum Schiff base complex with enhanced heterogeneous catalytic activity in epoxidation. <i>Catalysis Science and Technology</i> , 2014 , 4, 997-1004	5.5	44
10	An MnO_2 nanotube used as a novel catalyst in ozonation: performance and the mechanism. <i>New Journal of Chemistry</i> , 2014 , 38, 1743-1750	3.6	70
9	Zinc glycerolate with lanthanum stearate to inhibit the thermal degradation of poly(vinyl chloride). <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3681-3686	2.9	19
8	Synthesis of dicationic alkyl imidazolium peroxopolyoxotungsten-based phase transfer catalyst and its catalytic activity for olefin epoxidation. <i>Chinese Journal of Catalysis</i> , 2013 , 34, 2236-2244	11.3	5
7	Synthesis of novel dicationic basic ionic liquids and its catalytic activities for biodiesel production. <i>RSC Advances</i> , 2013 , 3, 752-756	3.7	44
6	Heteropolyanion-based polymeric hybrids: highly efficient and recyclable catalysts for oxidation of alcohols with H ₂ O ₂ . <i>RSC Advances</i> , 2012 , 2, 11653	3.7	26
5	A novel method to reduce the influence of by-product water on the catalytic performance of $\text{PdCl}_2/\text{Cu-HMS}$ catalysts for the synthesis of diethyl carbonate. <i>RSC Advances</i> , 2012 , 2, 4593	3.7	7
4	Novel Two-Phase Catalysis with Organometallic Compounds for Epoxidation of Vegetable Oils by Hydrogen Peroxide. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2010 , 87, 83-91	1.8	21
3	Novel Ti and Mn Mesoporous Molecular Sieves: Synthesis, Characterization and Catalytic Activity in the Epoxidation of Vegetable Oil. <i>Catalysis Letters</i> , 2010 , 137, 88-93	2.8	22
2	A new catalytic transesterification for the synthesis of N, N-dimethylaminoethyl acrylate with organotin catalyst. <i>Catalysis Letters</i> , 2006 , 110, 101-106	2.8	7
1	Design of cobalt-iron complex sulfides grown on nickel foam modified by reduced graphene oxide as a highly effect bifunctional electrocatalyst for overall water splitting. <i>International Journal of Energy Research</i> ,	4.5	1

