

List of Publications by Citations

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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.

67 papers	2,791 citations	30 h-index	52 g-index
70 ext. papers	3,307 ext. citations	8 avg, IF	5.83 L-index

#	Paper	IF	Citations
67	SPEEK/Graphene oxide nanocomposite membranes with superior cyclability for highly efficient vanadium redox flow battery. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12423-12432	13	198
66	ZrO ₂ -Nanoparticle-Modified Graphite Felt: Bifunctional Effects on Vanadium Flow Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15369-78	9.5	185
65	An intrinsically stretchable humidity sensor based on anti-drying, self-healing and transparent organohydrogels. <i>Materials Horizons</i> , 2019 , 6, 595-603	14.4	178
64	Nickel-Copper Alloy Encapsulated in Graphitic Carbon Shells as Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018 , 8, 1701759	21.8	164
63	Boosting vanadium flow battery performance by Nitrogen-doped carbon nanospheres electrocatalyst. <i>Nano Energy</i> , 2016 , 28, 19-28	17.1	136
62	Synthesis of Ni and Ni-Cu supported on carbon nanotubes for hydrogen and carbon production by catalytic decomposition of methane. <i>Applied Catalysis B: Environmental</i> , 2015 , 164, 61-69	21.8	123
61	Structural designing of Pt-CeO ₂ /CNTs for methanol electro-oxidation. <i>Journal of Power Sources</i> , 2007 , 164, 555-560	8.9	109
60	Preparation and characterization of mixed matrix membranes based on PVDF and three inorganic fillers (fumed nonporous silica, zeolite 4A and mesoporous MCM-41) for gas separation. <i>Chemical Engineering Journal</i> , 2012 , 192, 201-210	14.7	101
59	A facile method for the large-scale continuous synthesis of graphene sheets using a novel catalyst. <i>Scientific Reports</i> , 2013 , 3, 3037	4.9	84
58	Exceptional Performance of Hierarchical Ni-Fe (hydr)oxide@NiCu Electrocatalysts for Water Splitting. <i>Advanced Materials</i> , 2019 , 31, e1806769	24	81
57	Holey-engineered electrodes for advanced vanadium flow batteries. <i>Nano Energy</i> , 2018 , 43, 55-62	17.1	81
56	In Situ Assembly of Ultrathin PtRh Nanowires to Graphene Nanosheets as Highly Efficient Electrocatalysts for the Oxidation of Ethanol. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3535-3543	9.5	76
55	Ternary Platinum-Copper-Nickel Nanoparticles Anchored to Hierarchical Carbon Supports as Free-Standing Hydrogen Evolution Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3464-72	9.5	67
54	Synthesis of ultrafine Pt nanoparticles stabilized by pristine graphene nanosheets for electro-oxidation of methanol. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 15162-70	9.5	64
53	Comparison study of few-layered graphene supported platinum and platinum alloys for methanol and ethanol electro-oxidation. <i>Journal of Power Sources</i> , 2015 , 278, 235-244	8.9	60
52	Preparation and characterization of polyimide-silica composite membranes and their derived carbon-silica composite membranes for gas separation. <i>Chemical Engineering Journal</i> , 2013 , 220, 441-451	14.7	56
51	Structural and transport properties of BTDA-TDI/MDI co-polyimide (P84)-silica nanocomposite membranes for gas separation. <i>Chemical Engineering Journal</i> , 2012 , 188, 199-209	14.7	54

50	PVDF-g-PSSA and Al ₂ O ₃ composite proton exchange membranes. <i>Journal of Power Sources</i> , 2006 , 161, 54-60	8.9	53
49	Seed-mediated synthesis of Pt _x Au _y @Ag electrocatalysts for the selective oxidation of glycerol. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 604-612	21.8	49
48	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2351-2358	8.3	43
47	Synthesis of Pt, PtRh, and PtRhNi Alloys Supported by Pristine Graphene Nanosheets for Ethanol Electrooxidation. <i>ChemCatChem</i> , 2014 , 6, 3254-3261	5.2	42
46	Polyol synthesis of nickel-copper based catalysts for hydrogen production by methane decomposition. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 311-321	6.7	37
45	One-Pot Synthesis of Platinum-Ceria/Graphene Nanosheet as Advanced Electrocatalysts for Alcohol Oxidation. <i>ChemElectroChem</i> , 2015 , 2, 887-895	4.3	37
44	Sol-gel synthesis of titanium oxide supported nickel catalysts for hydrogen and carbon production by methane decomposition. <i>Journal of Power Sources</i> , 2015 , 280, 467-475	8.9	36
43	Sustainable Conversion of Glycerol into Value-Added Chemicals by Selective Electro-Oxidation on Pt-Based Catalysts. <i>ChemElectroChem</i> , 2018 , 5, 1636-1643	4.3	36
42	Carbon dots promoted vanadium flow batteries for all-climate energy storage. <i>Chemical Communications</i> , 2017 , 53, 7565-7568	5.8	34
41	A facile approach to fabricate free-standing hydrogen evolution electrodes: riveting tungsten carbide nanocrystals to graphite felt fabrics by carbon nanosheets. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5817-5822	13	34
40	A new proton conducting membrane based on copolymer of methyl methacrylate and 2-acrylamido-2-methyl-1-propanesulfonic acid for direct methanol fuel cells. <i>Electrochimica Acta</i> , 2007 , 52, 6956-6961	6.7	32
39	Evaluation of cobalt oxide, copper oxide and their solid solutions as heterogeneous catalysts for Fenton-degradation of dye pollutants. <i>RSC Advances</i> , 2015 , 5, 91846-91854	3.7	31
38	Alcohol electro-oxidation on platinum-Ceria/graphene nanosheet in alkaline solutions. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 20709-20719	6.7	30
37	Electrochemical evaluation methods of vanadium flow battery electrodes. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 14708-14717	3.6	28
36	Selective electro-oxidation of glycerol over Pd and Pt@Pd nanocubes. <i>Electrochemistry Communications</i> , 2018 , 90, 106-110	5.1	27
35	Selective Electro-Oxidation of Glycerol to Dihydroxyacetone by PtAg Skeletons. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28953-28959	9.5	26
34	Synthesis of three-dimensional carbon felt supported TiO ₂ monoliths for photocatalytic degradation of methyl orange. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 1259-1266	6.8	25
33	Scalable and Environmentally Friendly Synthesis of Hierarchical Magnetic Carbon Nanosheet Assemblies and Their Application in Water Treatment. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6659-6668	2.8	24

32	Electrocatalytic activity of Pt subnano/nanoclusters stabilized by pristine graphene nanosheets. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 21609-14	3.6	24
31	Theoretical and experimental studies on the gas transport properties of mixed matrix membranes based on polyvinylidene fluoride. <i>AIChE Journal</i> , 2013 , 59, 4715-4726	3.6	24
30	Preparation and characterization of asymmetric membranes based on nonsolvent/NMP/P84 for gas separation. <i>Journal of Membrane Science</i> , 2013 , 429, 155-167	9.6	24
29	Cobalt-copper oxalate nanofibers mediated Fenton degradation of Congo red in aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 52, 153-161	6.3	22
28	Sol-gel synthesis of Ni and Ni supported catalysts for hydrogen production by methane decomposition. <i>RSC Advances</i> , 2014 , 4, 42159-42167	3.7	22
27	Gram-scale synthesis of monodisperse sulfonated polystyrene nanospheres for rapid and efficient sequestration of heavy metal ions. <i>Chemical Communications</i> , 2017 , 53, 12766-12769	5.8	20
26	Preparation and characterization of mixed matrix membranes based on poly(vinylidene fluoride) and zeolite 4A for gas separation. <i>Polymer Engineering and Science</i> , 2012 , 52, 2106-2113	2.3	20
25	Deactivation of bimetallic nickel-copper alloy catalysts in thermocatalytic decomposition of methane. <i>Catalysis Science and Technology</i> , 2018 , 8, 3853-3862	5.5	20
24	Evaluation of the effects of frozen storage on the microstructure of tilapia (Perciformes: Cichlidae) through fractal dimension method. <i>LWT - Food Science and Technology</i> , 2015 , 64, 1283-1288	5.4	17
23	Influence of inorganic fillers on the structural and transport properties of mixed matrix membranes. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 4058-4066	2.9	17
22	A trimodal porous carbon as an effective catalyst for hydrogen production by methane decomposition. <i>Journal of Colloid and Interface Science</i> , 2016 , 462, 48-55	9.3	16
21	Efficient extraction of heavy metals from collagens by sulfonated polystyrene nanospheres. <i>Food Chemistry</i> , 2019 , 275, 377-384	8.5	16
20	Fabricating electrochemical aptasensors for detecting aflatoxin B1 via layer-by-layer self-assembly. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 870, 114247	4.1	14
19	Mechanistic study on nickel-molybdenum based electrocatalysts for the hydrogen evolution reaction. <i>Journal of Catalysis</i> , 2020 , 388, 122-129	7.3	13
18	One-pot synthesis of ultrafine decahedral platinum crystal decorated graphite nanosheets for the electro-oxidation of formic acid. <i>Journal of Catalysis</i> , 2017 , 345, 70-77	7.3	11
17	Synthesis of Positively Charged Polystyrene Microspheres for the Removal of Congo Red, Phosphate, and Chromium(VI). <i>ACS Omega</i> , 2019 , 4, 6669-6676	3.9	10
16	Optimizing the activity and selectivity of glycerol oxidation over core-shell electrocatalysts. <i>Journal of Catalysis</i> , 2020 , 381, 130-138	7.3	10
15	Coupling Mo ₂ C Nanoparticles with Graphite Nanosheets as Durable Electrocatalysts for Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H1060-H1065	3.9	7

14	Hemoglobin-derived Fe-Nx-S species supported by bamboo-shaped carbon nanotubes as efficient electrocatalysts for the oxygen evolution reaction. <i>Carbon</i> , 2020 , 168, 588-596	10.4	6
13	General synthesis of single atom electrocatalysts via a facile condensation-carbonization process. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25959-25969	13	5
12	Product Distribution of Glycerol Electro-oxidation over Platinum-Ceria/Graphene Nanosheet. <i>Electrochemistry</i> , 2019 , 87, 30-34	1.2	5
11	Synthesis of magnetic Fe ₃ O ₄ @PS-ANTA-M ²⁺ (M = Ni, Co, Cu and Zn) nanospheres for specific isolation of histidine-tagged proteins. <i>Chemical Engineering Journal</i> , 2021 , 404, 126427	14.7	5
10	Boosting activity and selectivity of glycerol oxidation over platinum-palladium-silver electrocatalysts via surface engineering. <i>Nanoscale Advances</i> , 2020 , 2, 3423-3430	5.1	4
9	Sustainable Conversion of Glycerol into Value-Added Chemicals by Selective Electro-Oxidation on Pt-Based Catalysts. <i>ChemElectroChem</i> , 2018 , 5, 1624-1624	4.3	4
8	Electro-oxidation of glycerol by tetrametallic platinum-gold-palladium-silver nanoparticles. <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 79-86	2.6	4
7	Adsorption of Bovine Hemoglobin by Sulfonated Polystyrene Nanospheres. <i>ChemistrySelect</i> , 2019 , 4, 2874-2880	1.8	3
6	Effects of membrane thickness and heat treatment on the gas transport properties of membranes based on P84 polyimide. <i>Journal of Applied Polymer Science</i> , 2010 , 116, NA-NA	2.9	3
5	Facile and moderate immobilization of proteases on SPS nanospheres for the active collagen peptides. <i>Food Chemistry</i> , 2021 , 335, 127610	8.5	2
4	Critical practices in conducting electrochemical conversion of 5-hydroxymethylfurfural. <i>Catalysis Science and Technology</i> , 2021 , 11, 4882-4888	5.5	1
3	Electro-Oxidation of Glycerol into Formic Acid by Nickel-Copper Electrocatalysts. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 084510	3.9	1
2	Synthesis of 3D iron and carbon-based composite as a bifunctional sorbent and catalyst for remediation of organic pollutants. <i>Materials Research Express</i> , 2017 , 4, 075005	1.7	0
1	Effects of Metallic Impurities in Alkaline Electrolytes on Electro-Oxidation of Water and Alcohol Molecules. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 124516	3.9	0