

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.

33 papers	6,056 citations	23 h-index	33 g-index
33 ext. papers	7,154 ext. citations	17.4 avg, IF	6.1 L-index

#	Paper	IF	Citations
33	Preparation of CdS Se -MoS Heterostructures via Cation Exchange of Pre-Epitaxially Synthesized Cu S Se -MoS for Photocatalytic Hydrogen Evolution. <i>Small</i> , 2021 , 17, e2006135	11	2
32	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2020 , 56, 5131-5134	5.8	23
31	Preparation of hierarchical hollow structures assembled from porous NiCo2O4 nanosheets for diesel soot elimination. <i>EcoMat</i> , 2020 , 2, e12041	9.4	0
30	Synthesis of Palladium-Based Crystalline@Amorphous Core-Shell Nanoplates for Highly Efficient Ethanol Oxidation. <i>Advanced Materials</i> , 2020 , 32, e2000482	24	53
29	Rational Design of MOF-Based Hybrid Nanomaterials for Directly Harvesting Electric Energy from Water Evaporation. <i>Advanced Materials</i> , 2020 , 32, e2003720	24	38
28	Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8953-8961	16.4	40
27	MOF-Based Hierarchical Structures for Solar-Thermal Clean Water Production. <i>Advanced Materials</i> , 2019 , 31, e1808249	24	157
26	Wet-Chemical Synthesis and Applications of Semiconductor Nanomaterial-Based Epitaxial Heterostructures. <i>Nano-Micro Letters</i> , 2019 , 11, 86	19.5	20
25	A General Method for the Synthesis of Hybrid Nanostructures Using MoSe Nanosheet-Assembled Nanospheres as Templates. <i>Research</i> , 2019 , 2019, 6439734	7.8	4
24	Recent Progress in Graphene-Based Noble-Metal Nanocomposites for Electrocatalytic Applications. <i>Advanced Materials</i> , 2019 , 31, e1800696	24	156
23	A general and facile method for preparation of large-scale reduced graphene oxide films with controlled structures. <i>Carbon</i> , 2019 , 143, 162-171	10.4	24
22	Synthesis of MoX ₂ (X = Se or S) monolayers with high-concentration 1T' phase on 4H/fcc-Au nanorods for hydrogen evolution. <i>Nano Research</i> , 2019 , 12, 1301-1305	10	28
21	Novel structured transition metal dichalcogenide nanosheets. <i>Chemical Society Reviews</i> , 2018 , 47, 3301-3338	38.3	207
20	An energy-efficient method for mitigating membrane fouling: A novel embodiment of the inverse fluidized bed. <i>Separation Science and Technology</i> , 2018 , 53, 683-695	2.5	3
19	High phase-purity 1TSMoS- and 1TSMoSe-layered crystals. <i>Nature Chemistry</i> , 2018 , 10, 638-643	17.6	510
18	Two-dimensional metal-organic framework nanosheets: synthesis and applications. <i>Chemical Society Reviews</i> , 2018 , 47, 6267-6295	58.5	662
17	Carbon-Based Functional Materials Derived from Waste for Water Remediation and Energy Storage. <i>Advanced Materials</i> , 2017 , 29, 1605361	24	221

16	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 578-581	16.4	42
15	Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. <i>Advanced Materials</i> , 2017 , 29, 1700102	24	283
14	Preparation of Superhydrophilic and Underwater Superoleophobic Nanofiber-Based Meshes from Waste Glass for Multifunctional Oil/Water Separation. <i>Small</i> , 2017 , 13, 1700391	11	95
13	Two-Dimensional Metal-Organic Framework Nanosheets. <i>Small Methods</i> , 2017 , 1, 1600030	12.8	283
12	Synthesis of WO ₃ -WX (n=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10486-10490	16.4	20
11	Preparation of graphene-MoS ₂ hybrid aerogels as multifunctional sorbents for water remediation. <i>Science China Materials</i> , 2017 , 60, 1102-1108	7.1	23
10	Self-Assembly of Single-Layer CoAl-Layered Double Hydroxide Nanosheets on 3D Graphene Network Used as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2016 , 28, 7640-5	24	296
9	2D Transition-Metal-Dichalcogenide-Nanosheet-Based Composites for Photocatalytic and Electrocatalytic Hydrogen Evolution Reactions. <i>Advanced Materials</i> , 2016 , 28, 1917-33	24	977
8	Recent Development of Advanced Materials with Special Wettability for Selective Oil/Water Separation. <i>Small</i> , 2016 , 12, 2186-202	11	563
7	Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic-Framework Nanosheets Used as Biomimetic Enzymes. <i>Advanced Materials</i> , 2016 , 28, 4149-55	24	320
6	Electrochemical doping of three-dimensional graphene networks used as efficient electrocatalysts for oxygen reduction reaction. <i>Nanoscale</i> , 2015 , 7, 9394-8	7.7	48
5	Carbon-Based Sorbents with Three-Dimensional Architectures for Water Remediation. <i>Small</i> , 2015 , 11, 3319-36	11	136
4	Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015 , 27, 7372-8	24	684
3	Two-dimensional NiCo ₂ O ₄ nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. <i>Nanoscale</i> , 2015 , 7, 7035-9	7.7	126
2	Ta ₂ S ₃ nanosheet-based room-temperature dosage meter for nitric oxide. <i>APL Materials</i> , 2014 , 2, 092506	5.7	12
1	Recycling plastic waste into multifunctional superhydrophobic textiles. <i>Nano Research</i> , 1	10	0