

# Yefeng Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,585  
citations

279798

23  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical NiCo <sub>2</sub> O <sub>4</sub> @NiMoO <sub>4</sub> core-shell hybrid nanowire/nanosheet arrays for high-performance pseudocapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14348-14357.	10.3	213
2	Dopant-Induced Shape Evolution of Colloidal Nanocrystals: The Case of Zinc Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 13381-13394.	13.7	174
3	Construction of Hierarchical NiCo <sub>2</sub> O <sub>4</sub> @Ni-MOF Hybrid Arrays on Carbon Cloth as Superior Battery-Type Electrodes for Flexible Solid-State Hybrid Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 37675-37684.	8.0	169
4	Construction of Hierarchical NiCo <sub>2</sub> S <sub>4</sub> @Ni(OH) <sub>2</sub> Core-Shell Hybrid Nanosheet Arrays on Ni Foam for High-Performance Aqueous Hybrid Supercapacitors. <i>Electrochimica Acta</i> , 2016, 193, 116-127.	5.2	151
5	Shape control of colloidal Mn doped ZnO nanocrystals and their visible light photocatalytic properties. <i>Nanoscale</i> , 2013, 5, 10461.	5.6	86
6	Recent Progress of TiO <sub>2</sub> -Based Anodes for Li Ion Batteries. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-15.	2.7	81
7	Coupling hierarchical iron cobalt selenide arrays with N-doped carbon as advanced anodes for sodium ion storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7248-7256.	10.3	54
8	Bimetallic MOF-derived (CuCo)Se nanoparticles embedded in nitrogen-doped carbon framework with boosted electrochemical performance for hybrid supercapacitor. <i>Materials Research Bulletin</i> , 2021, 137, 111196.	5.2	51
9	Piezoelectric properties of rhombic LiNbO <sub>3</sub> nanowires. <i>RSC Advances</i> , 2012, 2, 7380.	3.6	45
10	Spatially Confined Synthesis of SnSe Spheres Encapsulated in N, Se Dual-Doped Carbon Networks toward Fast and Durable Sodium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4230-4241.	8.0	43
11	Interlaced NiMn-LDH nanosheet decorated NiCo <sub>2</sub> O <sub>4</sub> nanowire arrays on carbon cloth as advanced electrodes for high-performance flexible solid-state hybrid supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 12168-12176.	3.3	41
12	Heterostructured NiS <sub>2</sub> @SnS <sub>2</sub> hollow spheres as superior high-rate and durable anodes for sodium-ion batteries. <i>Science China Chemistry</i> , 2022, 65, 1420-1432.	8.2	40
13	Growth of Ultrathin Mesoporous Ni-Mo Oxide Nanosheet Arrays on Ni Foam for High-performance Supercapacitor Electrodes. <i>Electrochimica Acta</i> , 2015, 176, 1343-1351.	5.2	38
14	Designed construction of hierarchical NiCo <sub>2</sub> S <sub>4</sub> @polypyrrole core-shell nanosheet arrays as electrode materials for high-performance hybrid supercapacitors. <i>RSC Advances</i> , 2017, 7, 18447-18455.	3.6	36
15	One-step sulfuration synthesis of hierarchical NiCo <sub>2</sub> S <sub>4</sub> @NiCo <sub>2</sub> S <sub>4</sub> nanotube/nanosheet arrays on carbon cloth as advanced electrodes for high-performance flexible solid-state hybrid supercapacitors. <i>RSC Advances</i> , 2019, 9, 3041-3049.	3.6	36
16	Facile synthesis and characterization of ultrathin cerium oxide nanorods. <i>CrystEngComm</i> , 2010, 12, 2663.	2.6	34
17	Novel Construction of Heterostructured FeTiO <sub>3</sub> /Fe <sub>2.75</sub> Ti <sub>0.25</sub> O <sub>4</sub> Mesoporous Nanodisks with Both High Capacity and Stable Cycling Life for Lithium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 10380-10390.	5.1	29
18	Growth of three-dimensional hierarchical Co <sub>3</sub> O <sub>4</sub> @NiMoO <sub>4</sub> core-shell nanoflowers on Ni foam as electrode materials for hybrid supercapacitors. <i>Materials Letters</i> , 2016, 182, 298-301.	2.6	28

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19	Growth of highly mesoporous CuCo <sub>2</sub> O <sub>4</sub> nanoflakes@Ni(OH) <sub>2</sub> nanosheets as advanced electrodes for high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2017, 722, 928-937.	5.5	27
20	Novel NiO Nanoforest Architecture for Efficient Inverted Mesoporous Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44308-44314.	8.0	27
21	Boosted Electrochemical Performance of Honeycomb-Like NiCu-LDH Nanosheets Anchoring on NiCo <sub>2</sub> S <sub>4</sub> Nanotube Arrays for Flexible Solid-State Hybrid Supercapacitors. <i>Energy &amp; Fuels</i> , 2020, 34, 13157-13166.	5.1	26
22	Metal-organic frameworks derived copper doped cobalt phosphide nanosheet arrays with boosted electrochemical performance for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2020, 363, 137262.	5.2	25
23	Construction of hierarchical NiCo <sub>2</sub> S <sub>4</sub> nanotube@NiMoO <sub>4</sub> nanosheet hybrid arrays as advanced battery-type electrodes for hybrid supercapacitors. <i>New Journal of Chemistry</i> , 2019, 43, 7065-7073.	2.8	23
24	Hierarchical honeycomb-like networks of CuCo-P@Ni(OH) <sub>2</sub> nanosheet arrays enabling high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 838, 155626.	5.5	23
25	Synthesis of honeycomb-like nickel-manganese sulfide composite nanosheets as advanced battery-type electrodes for hybrid supercapacitor. <i>Materials Letters</i> , 2019, 255, 126505.	2.6	22
26	Bimetallic Copper Tin Sulfide Nanosheet Arrays Encapsulated in Nitrogen-Doped Carbon Shells for Boosted Sodium Storage Performance. <i>ACS Applied Energy Materials</i> , 2021, 4, 8572-8582.	5.1	19
27	Coupling Bimetallic NiMn-MOF Nanosheets on NiCo <sub>2</sub> O <sub>4</sub> Nanowire Arrays with Boosted Electrochemical Performance for Hybrid Supercapacitor. <i>Materials Research Bulletin</i> , 2022, 149, 111707.	5.2	19
28	Mixed phase Mo-doped CoSe <sub>2</sub> nanosheets encapsulated in N-doped carbon shell with boosted sodium storage performance. <i>Journal of Alloys and Compounds</i> , 2022, 922, 166265.	5.5	12
29	TiO <sub>2</sub> -Based Nanomaterials for Advanced Environmental and Energy-Related Applications. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-3.	2.7	9
30	Multifunctional ZnO interfaces with hierarchical micro- and nanostructures: bio-inspiration from the compound eyes of butterflies. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 100, 57-61.	2.3	4
31	Synthesis and characterization of ultrathin single-crystalline cerium oxide nanorods. , 2010, , .		0