Muhammad Sajjad

List of Publications by Year
in descending order

20 papers	624 citations	643344 15 h-index	843174 20 g-index
21 all docs	21 docs citations	21 times ranked	217 citing authors

#	Article	IF	Citations
1	Honeycombâ€based heterostructures: An emerging platform for advanced energy applications: A review on energy systems. Electrochemical Science Advances, 2022, 2, e202100075.	1.2	18
2	NiSe2 nanocrystals intercalated rGO sheets as a high-performance asymmetric supercapacitor electrode. Ceramics International, 2022, 48, 5509-5517.	2.3	30
3	A novel TiO2/CuSe based nanocomposite for high-voltage asymmetric supercapacitors. Journal of Science: Advanced Materials and Devices, 2022, 7, 100418.	1.5	11
4	Nitrogen and Sulfur Co-doped Two-Dimensional Highly Porous Carbon Nanosheets for High-Performance Lithiumâ€"Sulfur Batteries. Energy & Fuels, 2022, 36, 2220-2227.	2.5	15
5	A nanostructured covalent organic framework with readily accessible triphenylstibine moieties for high-performance supercapacitors. Chemical Communications, 2022, 58, 3649-3652.	2.2	10
6	Comparative capacitive performance of MnSe encapsulated GO based nanocomposites for advanced electrochemical capacitor with rapid charge transport channels. Materials Chemistry and Physics, 2022, 284, 126059.	2.0	21
7	Bismuth Yttrium Oxide (Bi3YO6), A New Electrode Material For Asymmetric Aqueous Supercapacitors. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1260-1270.	1.9	17
8	Research progress in transition metal chalcogenide based anodes for K-ion hybrid capacitor applications: a mini-review. RSC Advances, 2021, 11, 25450-25460.	1.7	37
9	Phosphine based covalent organic framework as an advanced electrode material for electrochemical energy storage. Journal of Materials Science: Materials in Electronics, 2021, 32, 1602-1615.	1.1	22
10	Rational design of self-supported Ni₃S₂ nanoparticles as a battery type electrode material for high-voltage (1.8 V) symmetric supercapacitor applications. CrystEngComm, 2021, 23, 2869-2879.	1.3	28
11	One-pot Synthesis of 2D SnS2 Nanorods with High Energy Density and Long Term Stability for High-Performance Hybrid Supercapacitor. Journal of Energy Storage, 2021, 35, 102336.	3.9	45
12	A review on selection criteria of aqueous electrolytes performance evaluation for advanced asymmetric supercapacitors. Journal of Energy Storage, 2021, 40, 102729.	3.9	80
13	Phosphine-Based Porous Organic Polymer/rGO Aerogel Composites for High-Performance Asymmetric Supercapacitor. ACS Applied Energy Materials, 2021, 4, 828-838.	2.5	56
14	Recent Advances in SiO2 Based Composite Electrodes for Supercapacitor Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3221-3239.	1.9	32
15	Regulating high specific capacitance NCS/Î±-MnO2 cathode and a wide potential window Î±-Fe2O3/rGO anode for the construction of 2.7Â V for high performance aqueous asymmetric supercapacitors. Journal of Energy Storage, 2021, 44, 103343.	3.9	32
16	Fabrication of 1.6V hybrid supercapacitor developed using MnSe2/rGO positive electrode and phosphine based covalent organic frameworks as a negative electrode enables superb stability up to 28,000 cycles. Journal of Energy Storage, 2021, 44, 103318.	3.9	43
17	CuCo₂O₄ nanoparticles wrapped in a rGO aerogel composite as an anode for a fast and stable Li-ion capacitor with ultra-high specific energy. New Journal of Chemistry, 2021, 45, 20751-20764.	1.4	18
18	NiCo₂S₄ nanosheet grafted SiO₂@C core-shelled spheres as a novel electrode for high performance supercapacitors. Nanotechnology, 2020, 31, 045403.	1.3	51

#	Article	IF	Citations
19	Influence of Stirring Time on the Electrochemical Properties of NiCo₂S₄ Hexagonal Plates and NiCoâˆ’OH Nanoparticles as Highâ€Performance Pseudocapacitor Electrode Materials. ChemistrySelect, 2020, 5, 2634-2642.	0.7	16
20	One-Dimensional Porous Silicon Nanowires with Large Surface Area for Fast Chargeâ€“Discharge Lithium-Ion Batteries. Nanomaterials, 2018, 8, 285.	1.9	42