

Ruiqi Na

List of Publications by Year in descending order

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papers

687
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567281

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18
docs citations

18
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Antifreezing Organohydrogel Electrolytes for Flexible Supercapacitors. ACS Applied Energy Materials, 2020, 3, 1944-1951.	5.1	85
2	Mechanically robust hydrophobic association hydrogel electrolyte with efficient ionic transport for flexible supercapacitors. Chemical Engineering Journal, 2019, 374, 738-747.	12.7	81
3	Covalent functionalization of graphene oxide with porphyrin and porphyrin incorporated polymers for optical limiting. Physical Chemistry Chemical Physics, 2017, 19, 2252-2260.	2.8	63
4	A novel poly(ethylene glycol)-grafted poly(arylene ether ketone) blend micro-porous polymer electrolyte for solid-state electric double layer capacitors formed by incorporating a chitosan-based LiClO ₄ gel electrolyte. Journal of Materials Chemistry A, 2016, 4, 18116-18127.	10.3	60
5	Novel egg white gel polymer electrolyte and a green solid-state supercapacitor derived from the egg and rice waste. Electrochimica Acta, 2018, 274, 316-325.	5.2	55
6	Facile synthesis of a high-performance, fire-retardant organic gel polymer electrolyte for flexible solid-state supercapacitors. Electrochimica Acta, 2018, 290, 262-272.	5.2	48
7	A flexible solid-state supercapacitor based on a poly(aryl ether ketone)-poly(ethylene glycol) copolymer solid polymer electrolyte for high temperature applications. RSC Advances, 2016, 6, 65186-65195.	3.6	40
8	Solvent-free synthesis of an ionic liquid integrated ether-abundant polymer as a solid electrolyte for flexible electric double-layer capacitors. Journal of Materials Chemistry A, 2017, 5, 19703-19713.	10.3	40
9	Hybrid formation of graphene oxide-POSS and their effect on the dielectric properties of poly(aryl Tj ETQq1 1 0.784314 rgBT /Ove	2.8	33
10	High performance electrospun Li ⁺ -functionalized sulfonated poly(ether ether ketone)/PVA based nanocomposite gel polymer electrolyte for solid-state electric double layer capacitors. Journal of Colloid and Interface Science, 2019, 534, 672-682.	9.4	33
11	Quaternary ammonium functionalized poly(arylene ether sulfone)/poly(vinylpyrrolidone) composite membranes for electrical double-layer capacitors with activated carbon electrodes. Journal of Membrane Science, 2016, 505, 148-156.	8.2	25
12	Highly Strong and Tough Double-Crosslinked Hydrogel Electrolyte for Flexible Supercapacitors. ChemElectroChem, 2020, 7, 1007-1015.	3.4	25
13	Electrically Conductive Shell-Protective Layer Capping on the Silicon Surface as the Anode Material for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 40034-40042.	8.0	24
14	Mixed matrix membranes decorated with <i>in situ</i> self-assembled polymeric nanoparticles driven by electrostatic interaction. Journal of Materials Chemistry A, 2018, 6, 7859-7870.	10.3	21
15	High performance disulfonated poly(arylene ether sulfone)/poly(ethylene oxide) composite membrane used as a novel separator for supercapacitor with neutral electrolyte and activated carbon electrodes. High Performance Polymers, 2017, 29, 984-993.	1.8	19
16	Preparation of organic-inorganic hybrid membranes with superior antifouling property by incorporating polymer-modified multiwall carbon nanotubes. RSC Advances, 2017, 7, 30564-30572.	3.6	16
17	A Robust Conductive Polymer Network as a Multi-Functional Binder and Conductive Additive for Supercapacitors. ChemElectroChem, 2020, 7, 3056-3064.	3.4	12
18	Effects of amphiphilic monomers and their hydrophilic spacers on polyacrylamide hydrogels. RSC Advances, 2019, 9, 3462-3468.	3.6	7