Changyuan Song

List of Publications by Year
in descending order

10 papers	399 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	337 citing authors

#	Article	IF	Citations
1	Molten salts promoting the "controlled carbonization" of waste polyesters into hierarchically porous carbon for high-performance solar steam evaporation. Journal of Materials Chemistry A, 2019, 7, 22912-22923.	10.3	113
2	Converting poly(ethylene terephthalate) waste into N-doped porous carbon as CO_2 adsorbent and solar steam generator. Green Energy and Environment, 2022, 7, 411-422.	8.7	61
3	High-performance solar vapor generation of Ni/carbon nanomaterials by controlled carbonization of waste polypropylene. Science China Materials, 2020, 63, 779-793.	6.3	55
4	Donor–Acceptor Charge Migration System of Superhydrophilic Covalent Triazine Framework and Carbon Nanotube toward High Performance Solar Thermal Conversion. ACS Energy Letters, 2020, 5, 1300-1306.	17.4	47
5	Effect of carboxymethyl chitosan on the storage stability of frozen dough: State of water, protein structures and quality attributes. Food Research International, 2022, 151, 110863.	6.2	41
6	Rapid Photothermal Responsive Conductive MXene Nanocomposite Hydrogels for Soft Manipulators and Sensitive Strain Sensors. Macromolecular Rapid Communications, 2021, 42, e2100499.	3.9	33
7	A bilayer solar evaporator with all-in-one design for efficient seawater desalination. Journal of Colloid and Interface Science, 2022, 616, 709-719.	9.4	25
8	Improved water resistance of TA-modified soy adhesive: Effect of complexation. International Journal of Adhesion and Adhesives, 2021, 108, 102858.	2.9	12
9	A cocoon-based 3D solar steam generator for high-performance saline water desalination. Sustainable Energy and Fuels, 2021, 5, 4126-4132.	4.9	10
10	Tardigrade inspired polyelectrolyte complexation and functional materials. Journal of Materials Chemistry A, 2019, 7, 27450-27457.	10.3	2