

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.

21 papers	462 citations	12 h-index	21 g-index
24 ext. papers	605 ext. citations	7 avg, IF	4.14 L-index

#	Paper	IF	Citations
21	Aqueous dispersing mechanism study of nonionic polymeric dispersant for organic pigments. <i>Colloid and Polymer Science</i> , 2022 , 300, 167	2.4	2
20	Oriented bacterial cellulose for achieving high carbon yield through pre-stretching. <i>Cellulose</i> , 2022 , 29, 4323	5.5	0
19	Modification of myofibrillar protein gelation under oxidative stress using combined inulin and glutathione.. <i>Food Chemistry: X</i> , 2022 , 14, 100318	4.7	0
18	Fabrication of bio-based hierarchically structured ethylene scavenger films via electrospraying for fruit preservation. <i>Food Hydrocolloids</i> , 2022 , 107837	10.6	1
17	Aging of Polyethylene of Raised Temperature Resistance Pipe Liner After a Four-Year Service in a Crude Oil Gathering System. <i>Journal of Failure Analysis and Prevention</i> , 2021 , 21, 1323-1330	0.9	1
16	Solvent-free synthesis of PEG modified polyurethane solid-solid phase change materials with different Mw for thermal energy storage. <i>Colloid and Polymer Science</i> , 2021 , 299, 835-843	2.4	2
15	Tug-of-War-Inspired Bio-Based Air Filters with Advanced Filtration Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8736-8744	9.5	12
14	Balanced strength-toughness, thermal conductivity and self-cleaning properties of PMMA composites enabled by terpolymer grafted carbon nanotube. <i>Nanotechnology</i> , 2021 , 32, 195709	3.4	5
13	Synergistic recovery and enhancement of gelling properties of oxidatively damaged myofibrillar protein by -lysine and transglutaminase. <i>Food Chemistry</i> , 2021 , 358, 129860	8.5	9
12	Let It Catch: A Short-Branched Protein for Efficiently Capturing Polysulfides in Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 1903642	21.8	23
11	A protein-functionalized microfiber/protein nanofiber Bi-layered air filter with synergistically enhanced filtration performance by a viable method. <i>Separation and Purification Technology</i> , 2019 , 229, 115837	8.3	24
10	Hierarchically Structured All-biomass Air Filters with High Filtration Efficiency and Low Air Pressure Drop Based on Pickering Emulsion. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14266-14274	9.5	32
9	Facile Fabrication of Polyaniline Nanocapsule Modified Zinc Oxide Hexagonal Microdiscs for H ₂ S Gas Sensing Applications. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 1906-1913	3.9	32
8	Liquefied Petroleum Gas Sensing Properties of ZnO/PPy/PbS QDs Nanocomposite Prepared by Self-Assembly Combining With SILAR Method. <i>IEEE Sensors Journal</i> , 2019 , 19, 2855-2862	4	22
7	Untargeted metabolomics reveals predominant alterations in primary metabolites of broccoli sprouts in response to pre-harvest selenium treatment. <i>Food Research International</i> , 2018 , 111, 205-211	7	20
6	A Nanoprotein-Functionalized Hierarchical Composite Air Filter. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 11606-11613	8.3	31
5	Morphology engineering of protein fabrics for advanced and sustainable filtration. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 21585-21595	13	43

4	Core-Shell Hybrid Nanowires with Protein Enabling Fast Ion Conduction for High-Performance Composite Polymer Electrolytes. <i>Small</i> , 2018 , 14, e1803564	11	14
3	Production of nano bacterial cellulose from beverage industrial waste of citrus peel and pomace using <i>Komagataeibacter xylinus</i> . <i>Carbohydrate Polymers</i> , 2016 , 151, 1068-1072	10.3	86
2	Hierarchical nanostructured polypyrrole/graphene composites as supercapacitor electrode. <i>RSC Advances</i> , 2015 , 5, 15096-15102	3.7	79
1	Aberrant and alternative splicing in skeletal system disease. <i>Gene</i> , 2013 , 528, 21-6	3.8	24