Jian Zhou

List of Publications by Year
in descending order

143 papers	4,789 citations	101543 36 h-index	123424 61 g-index
144 all docs	144 docs citations	144 times ranked	5142 citing authors

#	Article	IF	Citations
1	Modification of collagen with a natural cross-linker, procyanidin. International Journal of Biological Macromolecules, 2011, 48, 354-359.	7.5	282
2	Engineering robust metalâ€“phenolic network membranes for uranium extraction from seawater. Energy and Environmental Science, 2019, 12, 607-614.	30.8	259
3	One-step, size-controlled synthesis of gold nanoparticles at room temperature using plant tannin. Green Chemistry, 2010, 12, 395-399.	9.0	198
4	Polyphenol-grafted collagen fiber as reductant and stabilizer for one-step synthesis of size-controlled gold nanoparticles and their catalytic application to 4-nitrophenol reduction. Green Chemistry, 2011, 13, 651.	9.0	167
5	One-step seeding growth of controllable Ag@Ni coreâ€“shell nanoparticles on skin collagen fiber with introduction of plant tannin and their application in high-performance microwave absorption. Journal of Materials Chemistry, 2012, 22, 11933.	6.7	134
6	Effect of ultrasound on the activity and conformation of Î±-amylase, papain and pepsin. Ultrasonics Sonochemistry, 2014, 21, 930-936.	8.2	117
7	Preparation of oxidized sodium alginate with different molecular weights and its application for crosslinking collagen fiber. Carbohydrate Polymers, 2017, 157, 1650-1656.	10.2	114
8	One-step room-temperature synthesis of Au@Pd coreâ€“shell nanoparticles with tunable structure using plant tannin as reductant and stabilizer. Green Chemistry, 2011, 13, 950.	9.0	109
9	Targeted Therapy against Metastatic Melanoma Based on Selfâ€Assembled Metalâ€Phenolic Nanocomplexes Comprised of Green Tea Catechin. Advanced Science, 2019, 6, 1801688.	11.2	109
10	Collagen Fiber ImmobilizedMyrica rubraTannin and Its Adsorption to. Environmental Science & Technology, 2004, 38, 324-328.	10.0	96
11	Synthesis of highly active and reusable supported gold nanoparticles and their catalytic applications to 4-nitrophenol reduction. Green Chemistry, 2011, 13, 2801.	9.0	95
12	Adsorption of metal anions of vanadium(V) and chromium(VI) on Zr(IV)-impregnated collagen fiber. Adsorption, 2008, 14, 55-64.	3.0	85
13	Effect of soil pH on the transport, fractionation, and oxidation of chromium(III). Ecotoxicology and Environmental Safety, 2020, 195, 110459.	6.0	79
14	Ferromagnetic hierarchical carbon nanofiber bundles derived from natural collagen fibers: truly lightweight and high-performance microwave absorption materials. Journal of Materials Chemistry C, 2015, 3, 10146-10153.	5.5	75
15	Preparation of highly-oxidized starch using hydrogen peroxide and its application as a novel ligand for zirconium tanning of leather. Carbohydrate Polymers, 2017, 174, 823-829.	10.2	74
16	Bayberry tannin immobilized bovine serum albumin nanospheres: characterization, irradiation stability and selective removal of uranyl ions from radioactive wastewater. Journal of Materials Chemistry A, 2018, 6, 15359-15370.	10.3	74
17	Adsorption Behaviors of Pt(II) and Pd(II) on Collagen Fiber Immobilized Bayberry Tannin. Industrial & Engineering Chemistry Research, 2005, 44, 4221-4226.	3.7	71
18	Adsorption Behavior of Phosphate on Metal-Ions-Loaded Collagen Fiber. Industrial & Engineering Chemistry Research, 2006, 45, 3896-3901.	3.7	67

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19	Novel environmentally sustainable cardanol-based plasticizer covalently bound to PVC via click chemistry: synthesis and properties. RSC Advances, 2015, 5, 16980-16985.	3.6	59
20	Ultrafast and efficient removal of anionic dyes from wastewater by polyethyleneimine-modified silica nanoparticles. Chemosphere, 2019, 229, 570-579.	8.2	59
21	Lightweight and high-performance electromagnetic radiation shielding composites based on a surface coating of Cu@Ag nanoflakes on a leather matrix. Journal of Materials Chemistry C, 2016, 4, 914-920.	5.5	56
22	Highly efficient removal of Cr(III)-poly(acrylic acid) complex by coprecipitation with polyvalent metal ions: Performance, mechanism, and validation. Water Research, 2020, 178, 115807.	11.3	51
23	Effect of structure features of polysaccharides on properties of dialdehyde polysaccharide tanning agent. Carbohydrate Polymers, 2018, 201, 549-556.	10.2	49
24	Advanced X-ray Shielding Materials Enabled by the Coordination of Well-Dispersed High Atomic Number Elements in Natural Leather. ACS Applied Materials & Interfaces, 2020, 12, 19916-19926.	8.0	48
25	Production of ellagic acid from degradation of valonea tannins byAspergillus niger andCandida utilis. Journal of Chemical Technology and Biotechnology, 2005, 80, 1154-1159.	3.2	45
26	Microbial community structure of pit mud in a Chinese strong aromatic liquor fermentation pit. Journal of the Institute of Brewing, 2012, 118, 356-360.	2.3	45
27	Skin Collagen Fiber-Biotemplated Synthesis of Size-Tunable Silver Nanoparticle-Embedded Hierarchical Intertextures with Lightweight and Highly Efficient Microwave Absorption Properties. Journal of Physical Chemistry C, 2012, 116, 8188-8195.	3.1	45
28	Constructing a robust chrome-free leather tanned by biomass-derived polyaldehyde via crosslinking with chitosan derivatives. Journal of Hazardous Materials, 2020, 396, 122771.	12.4	45
29	Adsorption recovery of thorium(IV) by Myrica rubra tannin and larch tannin immobilized onto collagen fibres. Journal of Radioanalytical and Nuclear Chemistry, 2004, 260, 619-625.	1.5	43
30	Uranium biosorption mechanism model of protonated Saccharomyces cerevisiae. Journal of Hazardous Materials, 2020, 385, 121588.	12.4	43
31	Nano-zero-valent Fe/Ni particles loaded on collagen fibers immobilized by bayberry tannin as an effective reductant for uranyl in aqueous solutions. Applied Surface Science, 2020, 507, 145075.	6.1	43
32	Hierarchically structured C@SnO₂@C nanofiber bundles with high stability and effective ambipolar diffusion kinetics for high-performance Li-ion batteries. Journal of Materials Chemistry A, 2016, 4, 18783-18791.	10.3	42
33	Adsorption of Cu(II) from aqueous solutions by tannins immobilized on collagen. Journal of Chemical Technology and Biotechnology, 2004, 79, 335-342.	3.2	40
34	Durable superhydrophobic materials enabled by abrasion-triggered roughness regeneration. Chemical Engineering Journal, 2018, 336, 633-639.	12.7	39
35	Research on X-ray shielding performance of wearable Bi/Ce-natural leather composite materials. Journal of Hazardous Materials, 2020, 398, 122943.	12.4	39
36	Formaldehyde formation during the preparation of dialdehyde carboxymethyl cellulose tanning agent. Carbohydrate Polymers, 2020, 239, 116217.	10.2	38

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37	Peroxide-periodate co-modification of carboxymethylcellulose to prepare polysaccharide-based tanning agent with high solid content. Carbohydrate Polymers, 2019, 224, 115169.	10.2	37
38	Selective removal of tannins from medicinal plant extracts using a collagen fiber adsorbent. Journal of the Science of Food and Agriculture, 2005, 85, 1285-1291.	3.5	36
39	Natural Rubber-Based Elastomer Reinforced by Chemically Modified Multiscale Leather Collagen Fibers with Excellent Toughness. ACS Sustainable Chemistry and Engineering, 2020, 8, 5091-5099.	6.7	36
40	Conversion of tannery solid waste to an adsorbent for high-efficiency dye removal from tannery wastewater: A road to circular utilization. Chemosphere, 2021, 263, 127987.	8.2	36
41	Effect of ultrasonic pretreatment on kinetics of gelatin hydrolysis by collagenase and its mechanism. Ultrasonics Sonochemistry, 2016, 29, 495-501.	8.2	35
42	Nonswelling Silicaâ€“Poly(acrylic acid) Composite for Efficient and Simultaneous Removal of Cationic Dye, Heavy Metal, and Surfactant-Stabilized Emulsion from Wastewater. Industrial & Engineering Chemistry Research, 2020, 59, 3383-3393.	3.7	33
43	Collagen fiber membrane-derived chemically and mechanically durable superhydrophobic membrane for high-performance emulsion separation. Journal of Leather Science and Engineering, 2021, 3, .	6.0	33
44	Advanced masking agent for leather tanning from stepwise degradation and oxidation of cellulose. Green Chemistry, 2021, 23, 4044-4050.	9.0	32
45	A â€˜Trojan horse strategyâ€™ for the development of a renewable leather tanning agent produced via an AlCl₃-catalyzed cellulose depolymerization. Green Chemistry, 2020, 22, 316-321.	9.0	31
46	Lightweight and Flexible Bi@Bi-La Natural Leather Composites with Superb X-ray Radiation Shielding Performance and Low Secondary Radiation. ACS Applied Materials & Interfaces, 2020, 12, 54117-54126.	8.0	31
47	Selective degradation and oxidation of hemicellulose in corncob to oligosaccharides: From biomass into masking agent for sustainable leather tanning. Journal of Hazardous Materials, 2021, 413, 125425.	12.4	31
48	Facile synthesis of mesoporous sulfated Ce/TiO2nanofiber solid superacid with nanocrystalline frameworks by using collagen fibers as a biotemplate and its application in esterification. RSC Advances, 2014, 4, 4010-4019.	3.6	30
49	Selfâ€Assembled Metalâ€Phenolic Nanoparticles for Enhanced Synergistic Combination Therapy against Colon Cancer. Advanced Biology, 2019, 3, e1800241.	3.0	30
50	Life Cycle Assessment for Chrome Tanning, Chrome-Free Metal Tanning, and Metal-Free Tanning Systems. ACS Sustainable Chemistry and Engineering, 2021, 9, 6720-6731.	6.7	30
51	Collagen-based breathable, humidity-ultrastable and degradable on-skin device. Journal of Materials Chemistry C, 2019, 7, 2548-2556.	5.5	29
52	Leather enabled multifunctional thermal camouflage armor. Chemical Engineering Science, 2019, 196, 64-71.	3.8	29
53	Sustainable production of lignin micro-/nano-particles (LMNPs) from biomass: Influence of the type of biomass on their self-assembly capability and physicochemical properties. Journal of Hazardous Materials, 2021, 403, 123701.	12.4	29
54	One-step in situ assembly of size-controlled silver nanoparticles on polyphenol-grafted collagen fiber with enhanced antibacterial properties. New Journal of Chemistry, 2011, 35, 2902.	2.8	28

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55	Oxidation of trivalent chromium induced by unsaturated oils: A pathway for hexavalent chromium formation in soil. Journal of Hazardous Materials, 2021, 405, 124699.	12.4	28
56	Water vapor permeability of the polyurethane/TiO2 nanohybrid membrane with temperature sensitivity. Journal of Applied Polymer Science, 2008, 109, 3002-3007.	2.6	26
57	Asymmetric polyurethane membrane with inflammation-responsive antibacterial activity for potential wound dressing application. Journal of Materials Science, 2013, 48, 6625-6639.	3.7	26
58	Preparation of a Highly Effective Organic Tanning Agent with Wide Molecular Weight Distribution from Bioâ€Renewable Sodium Alginate. ChemistrySelect, 2018, 3, 12330-12335.	1.5	26
59	Preparation of polyurea microcapsules containing phase change materials in a rotating packed bed. RSC Advances, 2017, 7, 21196-21204.	3.6	25
60	Lightweight and Wearable Xâ€Ray Shielding Material with Biological Structure for Low Secondary Radiation and Metabolic Saving Performance. Advanced Materials Technologies, 2020, 5, 2000240.	5.8	25
61	Interaction between retanning agents and wet white tanned by a novel bimetal complex tanning agent. Journal of Leather Science and Engineering, 2020, 2, .	6.0	25
62	Plant Polyphenols as Multifunctional Platforms To Fabricate Three-Dimensional Superhydrophobic Foams for Oil/Water and Emulsion Separation. Industrial & Engineering Chemistry Research, 2018, 57, 16442-16450.	3.7	24
63	Efficient separation of viscous emulsion through amphiprotic collagen nanofibers-based membrane. Journal of Membrane Science, 2019, 588, 117209.	8.2	24
64	High-expression keratinase by Bacillus subtilis SCK6 for enzymatic dehairing of goatskins. International Journal of Biological Macromolecules, 2019, 135, 119-126.	7.5	24
65	Chrome-free synergistic tanning system based on biomass-derived hydroxycarboxylic acidâ€“zirconium complexes. Journal of Cleaner Production, 2022, 336, 130428.	9.3	24
66	Thermo-sensitive polyurethane membrane with controllable water vapor permeation for food packaging. Macromolecular Research, 2009, 17, 528-532.	2.4	23
67	A low-cost and water resistant biomass adhesive derived from the hydrolysate of leather waste. RSC Advances, 2017, 7, 4024-4029.	3.6	23
68	On the development of chrome-free tanning agents: an advanced Trojan horse strategy using â€˜Alâ€“Zr-oligosaccharidesâ€™ produced by the depolymerization and oxidation of biomass. Green Chemistry, 2021, 23, 2640-2651.	9.0	23
69	Irradiation-stable hydrous titanium oxide-immobilized collagen fibers for uranium removal from radioactive wastewater. Journal of Environmental Management, 2021, 283, 112001.	7.8	23
70	Collagen fibers with tuned wetting properties for dual separation of oil-in-water and water-in-oil emulsion. Journal of Materials Chemistry A, 2020, 8, 24388-24392.	10.3	23
71	Competitive adsorption for simultaneous removal of emulsified water and surfactants from mixed surfactant-stabilized emulsions with high flux. Journal of Materials Chemistry A, 2018, 6, 14058-14064.	10.3	22
72	Selective degradation of hemicellulose into oligosaccharides assisted by ZrOCl₂ and their potential application as a tanning agent. Green Chemistry, 2022, 24, 375-383.	9.0	22

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73	Insights into the mechanism of flavor compound changes in strong flavor baijiu during storage by using the density functional theory and molecular dynamics simulation. Food Chemistry, 2022, 373, 131522.	8.2	21
74	Recovery of Th(IV) from aqueous solution by reassembled collagen-tannin fiber adsorbent. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 91-98.	1.5	20
75	Novel environmentally sustainable cardanol-based plasticizers: synthesis and properties. Polymer International, 2016, 65, 464-472.	3.1	20
76	Close-packing of hierarchically structured C@Sn@C nanofibers for high-performance Li-ion battery with large gravimetric and volumetric energy densities. Chemical Engineering Journal, 2018, 344, 625-632.	12.7	20
77	Ecotoxicity and micellization behavior of anionic surfactant sodium dodecylbenzene sulfonate (SDBS) and its mixtures with nonionic surfactant fatty alcohol-polyoxyethylene ether (AEO). Aquatic Toxicology, 2019, 216, 105313.	4.0	20
78	Corrosion inhibition performance of tannins for mild steel in hydrochloric acid solution. Research on Chemical Intermediates, 2018, 44, 407-423.	2.7	19
79	Ecotoxicity and interacting mechanism of anionic surfactant sodium dodecyl sulfate (SDS) and its mixtures with nonionic surfactant fatty alcohol-polyoxyethlene ether (AEO). Aquatic Toxicology, 2020, 222, 105467.	4.0	19
80	Prevention of Bacterial Colonization Based on Self-Assembled Metalâ€“Phenolic Nanocoating from Rare-Earth Ions and Catechin. ACS Applied Materials & Interfaces, 2020, 12, 22237-22245.	8.0	19
81	Highly stable Pt nanoparticle catalyst supported by polyphenolâ€grafted collagen fiber and its catalytic application in the hydrogenation of olefins. Journal of Chemical Technology and Biotechnology, 2009, 84, 1702-1711.	3.2	18
82	Tanning agent free leather making enabled by the dispersity of collagen fibers combined with superhydrophobic coating. Green Chemistry, 2021, 23, 3581-3587.	9.0	18
83	Natural collagen fiber-enabled facile synthesis of carbon@Fe₃O₄ coreâ€“shell nanofiber bundles and their application as ultrahigh-rate anode materials for Li-ion batteries. RSC Advances, 2016, 6, 10824-10830.	3.6	17
84	Collagen Peptide Provides Saccharomyces cerevisiae with Robust Stress Tolerance for Enhanced Bioethanol Production. ACS Applied Materials & Interfaces, 2020, 12, 53879-53890.	8.0	17
85	Hydrous titanium oxide and bayberry tannin co-immobilized nano collagen fibrils for uranium extraction from seawater and recovery from nuclear wastewater. Chemosphere, 2022, 286, 131626.	8.2	17
86	Adsorption of bismuth(III) by bayberry tannin immobilized on collagen fiber. Journal of Chemical Technology and Biotechnology, 2006, 81, 1301-1306.	3.2	16
87	Synergistic Combination of the Capillary Effect of Collagen Fibers and Size-Sieving Merits of Metalâ€“Organic Frameworks for Emulsion Separation with High Flux. Industrial & Engineering Chemistry Research, 2020, 59, 14925-14934.	3.7	16
88	A collagen-based electrolyte-locked separator enables capacitor to have high safety and ionic conductivity. Journal of Energy Chemistry, 2020, 47, 324-332.	12.9	16
89	Interface assembly of specific recognition gripper wrapping on activated collagen fiber for synergistic capture effect of iodine. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112216.	5.0	16
90	Synthesis of hierarchical mesoporous zirconia fiber by using collagen fiber as a template. Journal of Materials Research, 2008, 23, 3263-3268.	2.6	15

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91	Enhanced extracellular recombinant keratinase activity in Bacillus subtilis SCK6 through signal peptide optimization and site-directed mutagenesis. RSC Advances, 2019, 9, 33337-33344.	3.6	15
92	Adsorption of Lead (II) from Aqueous Solution with High Efficiency by Hydrothermal Biochar Derived from Honey. International Journal of Environmental Research and Public Health, 2020, 17, 3441.	2.6	15
93	Microbial Community of Tannery Wastewater Involved in Nitrification Revealed by Illumina MiSeq Sequencing. Journal of Microbiology and Biotechnology, 2018, 28, 1168-1177.	2.1	15
94	Collagen Fiberâ€Based Advanced Separation Materials: Recent Developments and Future Perspectives. Advanced Materials, 2022, 34, e2107891.	21.0	14
95	SIMULTANEOUS DETERMINATION OF CAFFEINE AND CATECHINS IN TEA EXTRACTS BY HPLC. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 491-498.	1.0	13
96	Mixed factors affecting plantar pressures and center of pressure in obese children: Obesity and flatfoot. Gait and Posture, 2020, 80, 7-13.	1.4	13
97	Halomonas pellis sp. nov., a moderately halophilic bacterium isolated from wetsalted hides. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5417-5424.	1.7	13
98	Collagen fiber membrane as multi-functional support enabled rational design of ultrahigh-flux separation membrane for the remediation of oil contamination in water. Journal of Hazardous Materials, 2022, 432, 128649.	12.4	13
99	A facile synthesis of a highly stable superhydrophobic nanofibrous film for effective oil/water separation. RSC Advances, 2016, 6, 82352-82358.	3.6	12
100	Immobilization of Saccharomyces cerevisiae using polyethyleneimine grafted collagen fibre as support and investigations of its fermentation performance. Biotechnology and Biotechnological Equipment, 2018, 32, 109-115.	1.3	12
101	Insights into Regional Wetting Behaviors of Amphiphilic Collagen for Dual Separation of Emulsions. ACS Applied Materials & Interfaces, 2021, 13, 18209-18217.	8.0	12
102	Leather-like hierarchical porous composites with outstanding electromagnetic interference shielding effectiveness and durability. Composites Part B: Engineering, 2021, 225, 109272.	12.0	12
103	Potential of phenolic compounds in Ligustrum robustum (Rxob.) Blume as antioxidant and lipase inhibitors: Multiâ€spectroscopic methods and molecular docking. Journal of Food Science, 2022, 87, 651-663.	3.1	12
104	Pd(0) Nanoparticle Stabilized by Tannin-grafted SiO2 Beads and Its Application in Liquid-hydrogenation of Unsaturated Organic Compounds. Catalysis Letters, 2009, 133, 192-200.	2.6	11
105	Adsorption Chromatography Separation of Baicalein and Baicalin Using Collagen Fiber Adsorbent. Industrial & Engineering Chemistry Research, 2013, 52, 2425-2433.	3.7	11
106	Synthesis of Au/ligninâ€“tannin particles and their anticancer application. Green Chemistry, 2021, 23, 6945-6952.	9.0	11
107	Effect of Dialdehyde Carboxymethyl Cellulose Cross-Linking on the Porous Structure of the Collagen Matrix. Biomacromolecules, 2022, 23, 1723-1732.	5.4	11
108	Effects of dispersion and fixation of collagen fiber network on its flame retardancy. Polymer Degradation and Stability, 2020, 175, 109122.	5.8	10

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109	Ornithinibacillus caprae sp. nov., a moderate halophile isolated from the hides of a white goat. Archives of Microbiology, 2020, 202, 1469-1476.	2.2	10
110	Natural polyphenol-based nanoengineering of collagen-constructed hemoperfusion adsorbent for the excretion of heavy metals. Journal of Hazardous Materials, 2022, 428, 128145.	12.4	10
111	Polyethyleneimine/hydrated titanium oxide-functionalized fibrous adsorbent for removing cobalt: Adsorption performance and irradiation stability. Environmental Research, 2022, 211, 112916.	7.5	10
112	Pd nanoparticles immobilized on boehmite by using tannic acid as structure-directing agent and stabilizer: a high performance catalyst for hydrogenation of olefins. Research on Chemical Intermediates, 2014, 40, 249-258.	2.7	9
113	Preparation of high solid content oxidized starch by acid pretreatmentâ€“H2O2 oxidation and its performance as the ligand in zirconium tanning. Carbohydrate Research, 2022, 511, 108501.	2.3	9
114	Ultradurable Superhydrophobic Natural Rubberâ€Based Elastomer Enabled by Modified Multiscale Leather Collagen Fibers. Advanced Materials Interfaces, 2020, 7, 2000344.	3.7	8
115	Engineered liver-inspired collagen matrix as a high-performance hemoperfusion adsorbent for bilirubin removal. Chemical Engineering Journal, 2021, 426, 130791.	12.7	8
116	Green and sustainable â€˜Al-Zr-oligosaccharidesâ€™ tanning agents from the simultaneous depolymerization and oxidation of waste paper. Science of the Total Environment, 2022, 837, 155570.	8.0	8
117	Skin collagen fiber-based radar absorbing materials. Science Bulletin, 2011, 56, 202-208.	1.7	7
118	Formation and in situ separation of oligomeric products from complete depolymerization of pubescens using a catalyst-free biphasic system. Cellulose, 2020, 27, 1951-1964.	4.9	7
119	Synthesis of Catechinâ€Rare Earth Complex with Efficient and Broadâ€Spectrum Antiâ€Biofilm Activity. Chemistry and Biodiversity, 2020, 17, e1900734.	2.1	7
120	Effects of collagen fiber addition on the combustion and thermal stability of natural rubber. Journal of Leather Science and Engineering, 2020, 2, .	6.0	7
121	Thermal sensitive polyurethane membranes with desirable switch temperatures. Macromolecular Research, 2010, 18, 1053-1059.	2.4	6
122	Thermosensitive polyurethane film and finished leather with controllable water vapor permeability. Journal of Applied Polymer Science, 2010, 117, 1820-1827.	2.6	6
123	Molecular level understanding of the role of aldehyde in vegetableâ€aldehydeâ€“collagen crossâ€linking reaction. International Journal of Quantum Chemistry, 2012, 112, 2832-2839.	2.0	6
124	Polyphenolicâ€Chemistryâ€Enabled, Mechanically Robust, Flame Resistant and Superhydrophobic Membrane for Separation of Mixed Surfactantâ€Stabilized Emulsions. Chemistry - A European Journal, 2018, 24, 10953-10958.	3.3	6
125	Description of Salinicola corii sp. nov., a Halotolerant Bacterium Isolated from Wetsalted Hides. Current Microbiology, 2020, 77, 1932-1938.	2.2	6
126	Green synthesis of environmentally benign collagen fibers-derived hierarchically structured amphiphilic composite fibers for high-flux dual separation of emulsion. Journal of Environmental Chemical Engineering, 2022, 10, 107067.	6.7	6

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127	Effects of tannic acid on the transport behavior of trivalent chromium in soils and its mechanism. Environmental Pollution, 2022, 305, 119328.	7.5	6
128	Self-driven directional dehydration enabled eco-friendly manufacture of chrome-free leather. Journal of Leather Science and Engineering, 2022, 4, .	6.0	6
129	Konjac Glucomannan Derived Carbon Aerogels for Multifunctional Applications. Nano, 2018, 13, 1850113.	1.0	5
130	Preparation of highly active and reusable heterogeneous Al2O3â€“Pd catalysts by the solâ€“gel method using bayberry tannin as stabilizer. Research on Chemical Intermediates, 2012, 38, 1609-1618.	2.7	4
131	Recyclable plant tanninâ€chelated Rh(III) complex catalysts for aqueousâ€“organic biphasic hydrogenation of quinoline. Journal of Chemical Technology and Biotechnology, 2012, 87, 1104-1110.	3.2	4
132	Synthesis, Characterization, and Optical Performance of a Novel Fluorescent Waterborne Polyurethane. Advances in Polymer Technology, 2017, 36, 137-144.	1.7	4
133	Radionuclide tolerance mechanism of plants for ultraselective enrichment of low content of thorium with exceptional selectivity coefficient. Journal of Hazardous Materials, 2019, 380, 120893.	12.4	4
134	Immobilization of Ytterbium by Plant Polyphenols for Antibiofilm Materials with Highly Effective Activity and Long-Term Stability. Industrial & Engineering Chemistry Research, 2020, 59, 18558-18566.	3.7	4
135	High-expression and characterization of a novel serine protease from Ornithinibacillus caprae L9T with eco-friendly applications. Environmental Science and Pollution Research, 2022, 29, 35996-36012.	5.3	4
136	Soft while strong mechanical shock tolerable e-skins. Journal of Materials Chemistry A, 2022, 10, 8186-8194.	10.3	4
137	Tannery solid waste-derived cross-scale deformable piezoresistive sensors for monitoring human body motions. Journal of Materials Chemistry C, 2022, 10, 8199-8205.	5.5	4
138	Separation of Proanthocyanidins into Oligomeric and Polymeric Components Using a Novel Collagen Fiber Adsorbent. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 1901-1913.	1.0	3
139	Self-Assembly: Targeted Therapy against Metastatic Melanoma Based on Self-Assembled Metal-Phenolic Nanocomplexes Comprised of Green Tea Catechin (Adv. Sci. 5/2019). Advanced Science, 2019, 6, 1970028.	11.2	2
140	Metal-Phenolic Nanoparticles: Self-Assembled Metal-Phenolic Nanoparticles for Enhanced Synergistic Combination Therapy against Colon Cancer (Adv. Biosys. 2/2019). Advanced Biology, 2019, 3, 1970022.	3.0	1
141	Hydrothermal synthesis of honey/bayberry microsphere for uranium removal from aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 1271.	1.5	1
142	Exoproduction and Biochemical Characterization of a Novel Serine Protease from Ornithinibacillus caprae L9^T with Hide-Dehairing Activity. Journal of Microbiology and Biotechnology, 2022, 32, 99-109.	2.1	1
143	Steam activation tuned porous structure and surface wetting behaviors of mesoporous biochars for corrosive oily wastewater treatments. Journal of Chemical Technology and Biotechnology, 2022, 97, 2179-2185.	3.2	1