

List of Publications by Citations

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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.

137 papers	3,101 citations	30 h-index	50 g-index
144 ext. papers	3,978 ext. citations	6.9 avg, IF	5.71 L-index

#	Paper	IF	Citations
137	Modification of collagen with a natural cross-linker, procyanidin. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 354-9	7.9	220
136	One-step, size-controlled synthesis of gold nanoparticles at room temperature using plant tannin. <i>Green Chemistry</i> , 2010 , 12, 395-399	10	178
135	Engineering robust metal-phenolic network membranes for uranium extraction from seawater. <i>Energy and Environmental Science</i> , 2019 , 12, 607-614	35.4	151
134	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. <i>Green Chemistry</i> , 2011 , 13, 651	10	146
133	One-step seeding growth of controllable Ag@Ni core-shell nanoparticles on skin collagen fiber with introduction of plant tannin and their application in high-performance microwave absorption. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11933		117
132	One-step room-temperature synthesis of Au@Pd core-shell nanoparticles with tunable structure using plant tannin as reductant and stabilizer. <i>Green Chemistry</i> , 2011 , 13, 950	10	91
131	Synthesis of highly active and reusable supported gold nanoparticles and their catalytic applications to 4-nitrophenol reduction. <i>Green Chemistry</i> , 2011 , 13, 2801	10	87
130	Collagen fiber immobilized Myrica rubra tannin and its adsorption to UO ₂ (2+). <i>Environmental Science & Technology</i> , 2004 , 38, 324-8	10.3	82
129	Effect of ultrasound on the activity and conformation of α -amylase, papain and pepsin. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 930-6	8.9	79
128	Preparation of oxidized sodium alginate with different molecular weights and its application for crosslinking collagen fiber. <i>Carbohydrate Polymers</i> , 2017 , 157, 1650-1656	10.3	74
127	Adsorption of metal anions of vanadium(V) and chromium(VI) on Zr(IV)-impregnated collagen fiber. <i>Adsorption</i> , 2008 , 14, 55-64	2.6	74
126	Targeted Therapy against Metastatic Melanoma Based on Self-Assembled Metal-Phenolic Nanocomplexes Comprised of Green Tea Catechin. <i>Advanced Science</i> , 2019 , 6, 1801688	13.6	71
125	Adsorption Behaviors of Pt(II) and Pd(II) on Collagen Fiber Immobilized Bayberry Tannin. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 4221-4226	3.9	67
124	Ferromagnetic hierarchical carbon nanofiber bundles derived from natural collagen fibers: truly lightweight and high-performance microwave absorption materials. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10146-10153	7.1	63
123	Adsorption Behavior of Phosphate on Metal-Ions-Loaded Collagen Fiber. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 3896-3901	3.9	63
122	Bayberry tannin immobilized bovine serum albumin nanospheres: characterization, irradiation stability and selective removal of uranyl ions from radioactive wastewater. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15359-15370	13	50
121	Preparation of highly-oxidized starch using hydrogen peroxide and its application as a novel ligand for zirconium tanning of leather. <i>Carbohydrate Polymers</i> , 2017 , 174, 823-829	10.3	49

120	Novel environmentally sustainable cardanol-based plasticizer covalently bound to PVC via click chemistry: synthesis and properties. <i>RSC Advances</i> , 2015 , 5, 16980-16985	3.7	48
119	Skin Collagen Fiber-Biotemplated Synthesis of Size-Tunable Silver Nanoparticle-Embedded Hierarchical Intertextures with Lightweight and Highly Efficient Microwave Absorption Properties. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 8188-8195	3.8	40
118	Adsorption recovery of thorium(IV) by Myrica rubra tannin and larch tannin immobilized onto collagen fibres. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 260, 619-625	1.5	40
117	Lightweight and high-performance electromagnetic radiation shielding composites based on a surface coating of Cu@Ag nanoflakes on a leather matrix. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 914-920	3.1	35
116	Production of ellagic acid from degradation of valonea tannins by Aspergillus niger and Candida utilis. <i>Journal of Chemical Technology and Biotechnology</i> , 2005 , 80, 1154-1159	3.5	35
115	Effect of soil pH on the transport, fractionation, and oxidation of chromium(III). <i>Ecotoxicology and Environmental Safety</i> , 2020 , 195, 110459	7	34
114	Hierarchically structured C@SnO ₂ @C nanofiber bundles with high stability and effective ambipolar diffusion kinetics for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18783-18791	13.7	34
113	Microbial community structure of pit mud in a Chinese strong aromatic liquor fermentation pit. <i>Journal of the Institute of Brewing</i> , 2012 , 118, 356-360	2	33
112	Adsorption of Cu(II) from aqueous solutions by tannins immobilized on collagen. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 335-342	3.5	32
111	Effect of structure features of polysaccharides on properties of dialdehyde polysaccharide tanning agent. <i>Carbohydrate Polymers</i> , 2018 , 201, 549-556	10.3	32
110	Selective removal of tannins from medicinal plant extracts using a collagen fiber adsorbent. <i>Journal of the Science of Food and Agriculture</i> , 2005 , 85, 1285-1291	4.3	31
109	Ultrafast and efficient removal of anionic dyes from wastewater by polyethyleneimine-modified silica nanoparticles. <i>Chemosphere</i> , 2019 , 229, 570-579	8.4	30
108	Uranium biosorption mechanism model of protonated Saccharomyces cerevisiae. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121588	12.8	30
107	Facile synthesis of mesoporous sulfated Ce/TiO ₂ nanofiber solid superacid with nanocrystalline frameworks by using collagen fibers as a biotemplate and its application in esterification. <i>RSC Advances</i> , 2014 , 4, 4010-4019	3.7	29
106	Durable superhydrophobic materials enabled by abrasion-triggered roughness regeneration. <i>Chemical Engineering Journal</i> , 2018 , 336, 633-639	14.7	29
105	Effect of ultrasonic pretreatment on kinetics of gelatin hydrolysis by collagenase and its mechanism. <i>Ultrasonics Sonochemistry</i> , 2016 , 29, 495-501	8.9	28
104	Constructing a robust chrome-free leather tanned by biomass-derived polyaldehyde via crosslinking with chitosan derivatives. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122771	12.8	27
103	One-step in situ assembly of size-controlled silver nanoparticles on polyphenol-grafted collagen fiber with enhanced antibacterial properties. <i>New Journal of Chemistry</i> , 2011 , 35, 2902	3.6	25

102	Asymmetric polyurethane membrane with inflammation-responsive antibacterial activity for potential wound dressing application. <i>Journal of Materials Science</i> , 2013 , 48, 6625-6639	4.3	24
101	Highly efficient removal of Cr(III)-poly(acrylic acid) complex by coprecipitation with polyvalent metal ions: Performance, mechanism, and validation. <i>Water Research</i> , 2020 , 178, 115807	12.5	24
100	Water vapor permeability of the polyurethane/TiO ₂ nanohybrid membrane with temperature sensitivity. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 3002-3007	2.9	23
99	Thermo-sensitive polyurethane membrane with controllable water vapor permeation for food packaging. <i>Macromolecular Research</i> , 2009 , 17, 528-532	1.9	22
98	Nano-zero-valent Fe/Ni particles loaded on collagen fibers immobilized by bayberry tannin as an effective reductant for uranyl in aqueous solutions. <i>Applied Surface Science</i> , 2020 , 507, 145075	6.7	22
97	Peroxide-periodate co-modification of carboxymethylcellulose to prepare polysaccharide-based tanning agent with high solid content. <i>Carbohydrate Polymers</i> , 2019 , 224, 115169	10.3	20
96	Self-Assembled Metal-Phenolic Nanoparticles for Enhanced Synergistic Combination Therapy against Colon Cancer. <i>Advanced Biology</i> , 2019 , 3, e1800241	3.5	19
95	Conversion of tannery solid waste to an adsorbent for high-efficiency dye removal from tannery wastewater: A road to circular utilization. <i>Chemosphere</i> , 2021 , 263, 127987	8.4	18
94	Formaldehyde formation during the preparation of dialdehyde carboxymethyl cellulose tanning agent. <i>Carbohydrate Polymers</i> , 2020 , 239, 116217	10.3	17
93	Preparation of polyurea microcapsules containing phase change materials in a rotating packed bed. <i>RSC Advances</i> , 2017 , 7, 21196-21204	3.7	16
92	High-expression keratinase by <i>Bacillus subtilis</i> SCK6 for enzymatic dehairing of goatskins. <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 119-126	7.9	16
91	Nonswelling Silica/Poly(acrylic acid) Composite for Efficient and Simultaneous Removal of Cationic Dye, Heavy Metal, and Surfactant-Stabilized Emulsion from Wastewater. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 3383-3393	3.9	16
90	Close-packing of hierarchically structured C@Sn@C nanofibers for high-performance Li-ion battery with large gravimetric and volumetric energy densities. <i>Chemical Engineering Journal</i> , 2018 , 344, 625-632	14.7	16
89	Natural collagen fiber-enabled facile synthesis of carbon@Fe ₃ O ₄ core-shell nanofiber bundles and their application as ultrahigh-rate anode materials for Li-ion batteries. <i>RSC Advances</i> , 2016 , 6, 10824-10830	2.7	16
88	Highly stable Pt nanoparticle catalyst supported by polyphenol-grafted collagen fiber and its catalytic application in the hydrogenation of olefins. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 1702-1711	3.5	16
87	A Trojan horse strategy for the development of a renewable leather tanning agent produced via an AlCl ₃ -catalyzed cellulose depolymerization. <i>Green Chemistry</i> , 2020 , 22, 316-321	10	15
86	Novel environmentally sustainable cardanol-based plasticizers: synthesis and properties. <i>Polymer International</i> , 2016 , 65, 464-472	3.3	15
85	Advanced X-ray Shielding Materials Enabled by the Coordination of Well-Dispersed High Atomic Number Elements in Natural Leather. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 19916-19926	9.5	15

84	Collagen-based breathable, humidity-ultrastable and degradable on-skin device. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2548-2556	7.1	14
83	Research on X-ray shielding performance of wearable Bi/Ce-natural leather composite materials. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122943	12.8	14
82	Corrosion inhibition performance of tannins for mild steel in hydrochloric acid solution. <i>Research on Chemical Intermediates</i> , 2018 , 44, 407-423	2.8	14
81	Competitive adsorption for simultaneous removal of emulsified water and surfactants from mixed surfactant-stabilized emulsions with high flux. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14058-14064	13	14
80	Efficient separation of viscous emulsion through amphiprotic collagen nanofibers-based membrane. <i>Journal of Membrane Science</i> , 2019 , 588, 117209	9.6	14
79	Recovery of Th(IV) from aqueous solution by reassembled collagen-tannin fiber adsorbent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 280, 91-98	1.5	14
78	Plant Polyphenols as Multifunctional Platforms To Fabricate Three-Dimensional Superhydrophobic Foams for Oil/Water and Emulsion Separation. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 16442-16450	3.9	14
77	A collagen-based electrolyte-locked separator enables capacitor to have high safety and ionic conductivity. <i>Journal of Energy Chemistry</i> , 2020 , 47, 324-332	12	13
76	Leather enabled multifunctional thermal camouflage armor. <i>Chemical Engineering Science</i> , 2019 , 196, 64-71	4.4	13
75	Preparation of a Highly Effective Organic Tanning Agent with Wide Molecular Weight Distribution from Bio-Renewable Sodium Alginate. <i>ChemistrySelect</i> , 2018 , 3, 12330-12335	1.8	13
74	Oxidation of trivalent chromium induced by unsaturated oils: A pathway for hexavalent chromium formation in soil. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124699	12.8	12
73	Selective degradation and oxidation of hemicellulose in corncob to oligosaccharides: From biomass into masking agent for sustainable leather tanning. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125425	12.8	12
72	Sustainable production of lignin micro-/nano-particles (LMNPs) from biomass: Influence of the type of biomass on their self-assembly capability and physicochemical properties. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123701	12.8	12
71	Natural Rubber-Based Elastomer Reinforced by Chemically Modified Multiscale Leather Collagen Fibers with Excellent Toughness. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5091-5099	8.3	11
70	Pd(0) Nanoparticle Stabilized by Tannin-grafted SiO ₂ Beads and Its Application in Liquid-hydrogenation of Unsaturated Organic Compounds. <i>Catalysis Letters</i> , 2009 , 133, 192-200	2.8	11
69	Synthesis of hierarchical mesoporous zirconia fiber by using collagen fiber as a template. <i>Journal of Materials Research</i> , 2008 , 23, 3263-3268	2.5	11
68	Adsorption of bismuth(III) by bayberry tannin immobilized on collagen fiber. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 1301-1306	3.5	11
67	Collagen fiber membrane-derived chemically and mechanically durable superhydrophobic membrane for high-performance emulsion separation. <i>Journal of Leather Science and Engineering</i> , 2021 , 3,	3.6	11

66	Immobilization of <i>Saccharomyces cerevisiae</i> using polyethyleneimine grafted collagen fibre as support and investigations of its fermentation performance. <i>Biotechnology and Biotechnological Equipment</i> , 2018 , 32, 109-115	1.6	11
65	A low-cost and water resistant biomass adhesive derived from the hydrolysate of leather waste. <i>RSC Advances</i> , 2017 , 7, 4024-4029	3.7	10
64	Ecotoxicity and interacting mechanism of anionic surfactant sodium dodecyl sulfate (SDS) and its mixtures with nonionic surfactant fatty alcohol-polyoxyethylene ether (AEO). <i>Aquatic Toxicology</i> , 2020 , 222, 105467	5.1	10
63	Ecotoxicity and micellization behavior of anionic surfactant sodium dodecylbenzene sulfonate (SDBS) and its mixtures with nonionic surfactant fatty alcohol-polyoxyethylene ether (AEO). <i>Aquatic Toxicology</i> , 2019 , 216, 105313	5.1	10
62	Adsorption Chromatography Separation of Baicalein and Baicalin Using Collagen Fiber Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 2425-2433	3.9	10
61	SIMULTANEOUS DETERMINATION OF CAFFEINE AND CATECHINS IN TEA EXTRACTS BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010 , 33, 491-498	1.3	10
60	Interaction between retanning agents and wet white tanned by a novel bimetal complex tanning agent. <i>Journal of Leather Science and Engineering</i> , 2020 , 2,	3.6	10
59	Microbial Community of Tannery Wastewater Involved in Nitrification Revealed by Illumina MiSeq Sequencing. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 1168-1177	3.3	10
58	Irradiation-stable hydrous titanium oxide-immobilized collagen fibers for uranium removal from radioactive wastewater. <i>Journal of Environmental Management</i> , 2021 , 283, 112001	7.9	10
57	On the development of chrome-free tanning agents: an advanced Trojan horse strategy using α -D-glucopyranosyl oligosaccharides produced by the depolymerization and oxidation of biomass. <i>Green Chemistry</i> , 2021 , 23, 2640-2651	10	9
56	Effects of dispersion and fixation of collagen fiber network on its flame retardancy. <i>Polymer Degradation and Stability</i> , 2020 , 175, 109122	4.7	8
55	A facile synthesis of a highly stable superhydrophobic nanofibrous film for effective oil/water separation. <i>RSC Advances</i> , 2016 , 6, 82352-82358	3.7	8
54	Pd nanoparticles immobilized on boehmite by using tannic acid as structure-directing agent and stabilizer: a high performance catalyst for hydrogenation of olefins. <i>Research on Chemical Intermediates</i> , 2014 , 40, 249-258	2.8	8
53	Lightweight and Flexible Bi@Bi-La Natural Leather Composites with Superb X-ray Radiation Shielding Performance and Low Secondary Radiation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 54117-54126	9.5	8
52	Synergistic Combination of the Capillary Effect of Collagen Fibers and Size-Sieving Merits of Metal-Organic Frameworks for Emulsion Separation with High Flux. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 14925-14934	3.9	8
51	Advanced masking agent for leather tanning from stepwise degradation and oxidation of cellulose. <i>Green Chemistry</i> , 2021 , 23, 4044-4050	10	8
50	Lightweight and Wearable X-Ray Shielding Material with Biological Structure for Low Secondary Radiation and Metabolic Saving Performance. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000240	6.8	7
49	Mixed factors affecting plantar pressures and center of pressure in obese children: Obesity and flatfoot. <i>Gait and Posture</i> , 2020 , 80, 7-13	2.6	7

48	Collagen fibers with tuned wetting properties for dual separation of oil-in-water and water-in-oil emulsion. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 24388-24392	13	7
47	Prevention of Bacterial Colonization Based on Self-Assembled Metal-Phenolic Nanocoating from Rare-Earth Ions and Catechin. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 22237-22245	9.5	7
46	Formation and in situ separation of oligomeric products from complete depolymerization of pubescens using a catalyst-free biphasic system. <i>Cellulose</i> , 2020 , 27, 1951-1964	5.5	6
45	Life Cycle Assessment for Chrome Tanning, Chrome-Free Metal Tanning, and Metal-Free Tanning Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6720-6731	8.3	6
44	Enhanced extracellular recombinant keratinase activity in SCK6 through signal peptide optimization and site-directed mutagenesis.. <i>RSC Advances</i> , 2019 , 9, 33337-33344	3.7	6
43	Polyphenolic-Chemistry-Enabled, Mechanically Robust, Flame Resistant and Superhydrophobic Membrane for Separation of Mixed Surfactant-Stabilized Emulsions. <i>Chemistry - A European Journal</i> , 2018 , 24, 10953-10958	4.8	5
42	Skin collagen fiber-based radar absorbing materials. <i>Science Bulletin</i> , 2011 , 56, 202-208		5
41	Thermal sensitive polyurethane membranes with desirable switch temperatures. <i>Macromolecular Research</i> , 2010 , 18, 1053-1059	1.9	5
40	Tanning agent free leather making enabled by the dispersity of collagen fibers combined with superhydrophobic coating. <i>Green Chemistry</i> , 2021 , 23, 3581-3587	10	5
39	Konjac Glucomannan Derived Carbon Aerogels for Multifunctional Applications. <i>Nano</i> , 2018 , 13, 1850113.1	11.1	5
38	Synthesis, Characterization, and Optical Performance of a Novel Fluorescent Waterborne Polyurethane. <i>Advances in Polymer Technology</i> , 2017 , 36, 137-144	1.9	4
37	Adsorption of Lead (II) from Aqueous Solution with High Efficiency by Hydrothermal Biochar Derived from Honey. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
36	Ultradurable Superhydrophobic Natural Rubber-Based Elastomer Enabled by Modified Multiscale Leather Collagen Fibers. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000344	4.6	4
35	Synthesis of Catechin-Rare Earth Complex with Efficient and Broad-Spectrum Anti-Biofilm Activity. <i>Chemistry and Biodiversity</i> , 2020 , 17, e1900734	2.5	4
34	Preparation of highly active and reusable heterogeneous Al ₂ O ₃ /Pd catalysts by the sol-gel method using bayberry tannin as stabilizer. <i>Research on Chemical Intermediates</i> , 2012 , 38, 1609-1618	2.8	4
33	Hydrous titanium oxide and bayberry tannin co-immobilized nano collagen fibrils for uranium extraction from seawater and recovery from nuclear wastewater. <i>Chemosphere</i> , 2022 , 286, 131626	8.4	4
32	Collagen Fiber-based Advanced Separation Materials: Recent Developments and Future Perspectives. <i>Advanced Materials</i> , 2021 , e2107891	24	4
31	Ornithinibacillus caprae sp. nov., a moderate halophile isolated from the hides of a white goat. <i>Archives of Microbiology</i> , 2020 , 202, 1469-1476	3	3

30	Molecular level understanding of the role of aldehyde in vegetable-aldehyde-collagen cross-linking reaction. <i>International Journal of Quantum Chemistry</i> , 2012 , 112, 2832-2839	2.1	3
29	Selective degradation of hemicellulose into oligosaccharides assisted by ZrOCl ₂ and their potential application as a tanning agent. <i>Green Chemistry</i> ,	10	3
28	Insights into Regional Wetting Behaviors of Amphiphilic Collagen for Dual Separation of Emulsions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18209-18217	9.5	3
27	Synthesis of Au/lignin-tannin particles and their anticancer application. <i>Green Chemistry</i> , 2021 , 23, 6945-6952	6.52	3
26	Self-Assembly: Targeted Therapy against Metastatic Melanoma Based on Self-Assembled Metal-Phenolic Nanocomplexes Comprised of Green Tea Catechin (Adv. Sci. 5/2019). <i>Advanced Science</i> , 2019 , 6, 1970028	13.6	2
25	Recyclable plant tannin-chelated Rh(III) complex catalysts for aqueous-organic biphasic hydrogenation of quinoline. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1104-1110	3.5	2
24	Thermosensitive polyurethane film and finished leather with controllable water vapor permeability. <i>Journal of Applied Polymer Science</i> , 2010 , 117, NA-NA	2.9	2
23	Natural polyphenol-based nanoengineering of collagen-constructed hemoperfusion adsorbent for the excretion of heavy metals.. <i>Journal of Hazardous Materials</i> , 2022 , 428, 128145	12.8	2
22	Effects of collagen fiber addition on the combustion and thermal stability of natural rubber. <i>Journal of Leather Science and Engineering</i> , 2020 , 2,	3.6	2
21	sp. nov., a moderately halophilic bacterium isolated from wetsalted hides. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5417-5424	2.2	2
20	Collagen Peptide Provides with Robust Stress Tolerance for Enhanced Bioethanol Production. <i>ACS Applied Materials & Interfaces</i> , 2020 ,	9.5	2
19	Engineered liver-inspired collagen matrix as a high-performance hemoperfusion adsorbent for bilirubin removal. <i>Chemical Engineering Journal</i> , 2021 , 426, 130791	14.7	2
18	Metal-Phenolic Nanoparticles: Self-Assembled Metal-Phenolic Nanoparticles for Enhanced Synergistic Combination Therapy against Colon Cancer (Adv. Biosys. 2/2019). <i>Advanced Biology</i> , 2019 , 3, 1970022	3.5	1
17	Radionuclide tolerance mechanism of plants for ultraselective enrichment of low content of thorium with exceptional selectivity coefficient. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120893	12.8	1
16	Separation of Proanthocyanidins into Oligomeric and Polymeric Components Using a Novel Collagen Fiber Adsorbent. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009 , 32, 1901-1913	1.3	1
15	High-expression and characterization of a novel serine protease from <i>Ornithinibacillus caprae</i> L9 with eco-friendly applications.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
14	Insights into the mechanism of flavor compound changes in strong flavor baijiu during storage by using the density functional theory and molecular dynamics simulation. <i>Food Chemistry</i> , 2021 , 131522	8.5	1
13	Chrome-free synergistic tanning system based on biomass-derived hydroxycarboxylic acid-zirconium complexes. <i>Journal of Cleaner Production</i> , 2022 , 336, 130428	10.3	1

12	Hydrothermal synthesis of honey/bayberry microsphere for uranium removal from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021 , 330, 1271	1.5	1
11	Description of <i>Salinicola corii</i> sp. nov., a Halotolerant Bacterium Isolated from Wetsalted Hides. <i>Current Microbiology</i> , 2020 , 77, 1932-1938	2.4	1
10	Leather-like hierarchical porous composites with outstanding electromagnetic interference shielding effectiveness and durability. <i>Composites Part B: Engineering</i> , 2021 , 225, 109272	10	1
9	Collagen fiber membrane as multi-functional support enabled rational design of ultrahigh-flux separation membrane for the remediation of oil contamination in water.. <i>Journal of Hazardous Materials</i> , 2022 , 432, 128649	12.8	1
8	Polyethyleneimine/hydrated titanium oxide-functionalized fibrous adsorbent for removing cobalt: Adsorption performance and irradiation stability.. <i>Environmental Research</i> , 2022 , 112916	7.9	1
7	Potential of phenolic compounds in <i>Ligustrum robustum</i> (Roxb.) Blume as antioxidant and lipase inhibitors: Multi-spectroscopic methods and molecular docking.. <i>Journal of Food Science</i> , 2022 , 87, 651-663	3.4	0
6	Preparation of high solid content oxidized starch by acid pretreatment-HO oxidation and its performance as the ligand in zirconium tanning.. <i>Carbohydrate Research</i> , 2022 , 511, 108501	2.9	0
5	Interface assembly of specific recognition gripper wrapping on activated collagen fiber for synergistic capture effect of iodine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112216	6	0
4	Green synthesis of environmentally benign collagen fibers-derived hierarchically structured amphiphilic composite fibers for high-flux dual separation of emulsion. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107067	6.8	0
3	Immobilization of Ytterbium by Plant Polyphenols for Antibiofilm Materials with Highly Effective Activity and Long-Term Stability. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 18558-18566	3.9	0
2	Effects of tannic acid on the transport behavior of trivalent chromium in soils and its mechanism.. <i>Environmental Pollution</i> , 2022 , 305, 119328	9.3	0
1	Green and sustainable 'Al-Zr-oligosaccharides' tanning agents from the simultaneous depolymerization and oxidation of waste paper.. <i>Science of the Total Environment</i> , 2022 , 837, 155570	10.2	0