

Chuan-Ling Si

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.

127
papers

3,648
citations

34
h-index

56
g-index

133
ext. papers

5,766
ext. citations

6.6
avg, IF

6.24
L-index

#	Paper	IF	Citations
127	Alkylation modification for lignin color reduction and molecular weight adjustment.. <i>International Journal of Biological Macromolecules</i> , 2022 , 201, 400-410	7.9	1
126	Phosphotungstic acid functionalized biochar for furfural production from corncob. <i>Fuel Processing Technology</i> , 2022 , 229, 107178	7.2	2
125	Lignin-Based/Polypyrrole Carbon Nanofiber Electrode With Enhanced Electrochemical Properties by Electrospun Method.. <i>Frontiers in Chemistry</i> , 2022 , 10, 841956	5	6
124	Preparation, structure and α-glucosidase inhibitory of oligosaccharides by enzymatic hydrolysis from <i>Annona squamosa</i> polysaccharide. <i>Industrial Crops and Products</i> , 2022 , 177, 114468	5.9	1
123	Conductive PEDOT:PSS/cellulose nanofibril paper electrodes for flexible supercapacitors with superior areal capacitance and cycling stability. <i>Chemical Engineering Journal</i> , 2022 , 428, 131994	14.7	23
122	A Rapid and Reversible pH Control Process for the Formation and Dissociation of Lignin Nanoparticles.. <i>ChemSusChem</i> , 2022 , e202200449	8.3	0
121	Biopolymer-based hydrogel electrolytes for advanced energy storage/conversion devices: Properties, applications, and perspectives. <i>Energy Storage Materials</i> , 2022 , 48, 244-262	19.4	14
120	Reduction of lignin heterogeneity for improved catalytic performance of lignin nanosphere supported Pd nanoparticles. <i>Industrial Crops and Products</i> , 2022 , 180, 114685	5.9	1
119	Cellulose Nanopaper: Fabrication, Functionalization, and Applications.. <i>Nano-Micro Letters</i> , 2022 , 14, 104	19.5	10
118	Combined bactericidal process of lignin and silver in a hybrid nanoparticle on .. <i>Advanced Composites and Hybrid Materials</i> , 2022 , 1-11	8.7	0
117	One step synthesis of Mo-doped carbon microspheres for valorization corncob to levulinic acid. <i>Industrial Crops and Products</i> , 2022 , 184, 115019	5.9	0
116	Facile and scalable preparation of cage-like mesoporous carbon from lignin-based phenolic resin and its application in supercapacitor electrodes. <i>Carbon</i> , 2022 , 196, 819-827	10.4	3
115	Sustainable production of cellulose nanofibrils from Kraft pulp for the stabilization of oil-in-water Pickering emulsions. <i>Industrial Crops and Products</i> , 2022 , 185, 115123	5.9	1
114	The Kinetics Studies on Hydrolysis of Hemicellulose. <i>Frontiers in Chemistry</i> , 2021 , 9, 781291	5	0
113	Secondary Metabolites from Stem Barks of <i>Catalpa bungei</i> . <i>Chemistry of Natural Compounds</i> , 2021 , 57, 1111-1113	0.7	
112	pH-Responsive Lignin Hydrogel for Lignin Fractionation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 13972-13978	8.3	3
111	Preparation and Application in Water Treatment of Magnetic Biochar. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 769667	5.8	0

110	Recent Insights on Biomedical Applications of Bacterial Cellulose based Composite Hydrogels. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	5
109	Valorization of Enzymatic Hydrolysis Residues from Corncob into Lignin-Containing Cellulose Nanofibrils and Lignin Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 677963	5.8	13
108	Recent advances in cellulose and its derivatives for oilfield applications. <i>Carbohydrate Polymers</i> , 2021 , 259, 117740	10.3	80
107	Carboxymethylation of polysaccharide isolated from Alkaline Peroxide Mechanical Pulping (APMP) waste liquor and its bioactivity. <i>International Journal of Biological Macromolecules</i> , 2021 , 181, 211-220	7.9	5
106	Multifunctional Cellulose Nanopaper with Superior Water-Resistant, Conductive, and Antibacterial Properties Functionalized with Chitosan and Polypyrrole. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 32115-32125	9.5	16
105	A flow-through reactor for fast fractionation and production of structure-preserved lignin. <i>Industrial Crops and Products</i> , 2021 , 164, 113350	5.9	5
104	Application of Ethanol Extracts From <i>Fisch. ex Turcz</i> in Hair Growth Promotion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 673314	5.8	0
103	Recent Developments and Applications of Hemicellulose From Wheat Straw: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 690773	5.8	12
102	Lignin fractionation: Effective strategy to reduce molecule weight dependent heterogeneity for upgraded lignin valorization. <i>Industrial Crops and Products</i> , 2021 , 165, 113442	5.9	24
101	Bark extractives of <i>Catalpa bungei</i> : isolation, purification and structural elucidation of triterpene, phytosterol and flavonoid derivatives. <i>Wood Science and Technology</i> , 2021 , 55, 231-241	2.5	
100	Novel and Efficient Lignin Fractionation Processes for Tailing Lignin-Based Materials 2021 , 363-387		
99	Lignin-based materials for drug and gene delivery 2021 , 327-370		0
98	A well-defined lignin-based filler for tuning the mechanical properties of polymethyl methacrylate. <i>Green Chemistry</i> , 2021 , 23, 2329-2335	10	19
97	Recent Advances in Hydrophobic Modification of Nanocellulose. <i>Current Organic Chemistry</i> , 2021 , 25, 417-436	1.7	9
96	Multifunctional Lignin-Based Composite Materials for Emerging Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 708976	5.8	6
95	Lignin-based electrodes for energy storage application. <i>Industrial Crops and Products</i> , 2021 , 165, 113425	5.9	64
94	Genetic Diversity, Chemical Components, and Property of Biomass var.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 713860	5.8	2
93	Sustainable preparation of bifunctional cellulose nanocrystals via mixed HSO/formic acid hydrolysis. <i>Carbohydrate Polymers</i> , 2021 , 266, 118107	10.3	32

92	Advanced Nanocellulose-Based Composites for Flexible Functional Energy Storage Devices. <i>Advanced Materials</i> , 2021 , 33, e2101368	24	58
91	An efficient and magnetic adsorbent prepared in a dry process with enzymatic hydrolysis residues for wastewater treatment. <i>Journal of Cleaner Production</i> , 2021 , 313, 127834	10.3	15
90	Improvement of fermentable sugar recovery and bioethanol production from eucalyptus wood chips with the combined pretreatment of NH ₄ Cl impregnation and refining. <i>Industrial Crops and Products</i> , 2021 , 167, 113503	5.9	1
89	Isolation and Structural Characterization of the Chemical Constituents of Pinus pumila Seeds. <i>Chemistry of Natural Compounds</i> , 2021 , 57, 985-987	0.7	0
88	Reduction of lignin heterogeneity using aqueous two-phase system: A facile and universal "one-step-three-fractions" approach. <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 341-350	7.9	3
87	Sustainable preparation of cellulose nanofibrils via choline chloride-citric acid deep eutectic solvent pretreatment combined with high-pressure homogenization. <i>Carbohydrate Polymers</i> , 2021 , 267, 118220	10.3	37
86	Engineering cellulose nanopaper with water resistant, antibacterial, and improved barrier properties by impregnation of chitosan and the followed halogenation. <i>Carbohydrate Polymers</i> , 2021 , 270, 118372	10.3	19
85	Size-controlled lignin nanoparticles for tuning the mechanical properties of poly(vinyl alcohol). <i>Industrial Crops and Products</i> , 2021 , 172, 114012	5.9	10
84	Cellulose based composite foams and aerogels for advanced energy storage devices. <i>Chemical Engineering Journal</i> , 2021 , 426, 130817	14.7	55
83	Novel Surfactant-Assisted Hydrothermal Fabrication of a Lignin Microsphere as a Green Reducer and Carrier for Pd Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 17085-17095	8.3	1
82	Fabrication of lignin nanospheres by emulsification in a binary Valerolactone/glycerol system and their application as a bifunctional reducer and carrier for Pd nanoparticles with enhanced catalytic activity. <i>Green Chemistry</i> , 2020 , 22, 8594-8603	10	14
81	Bacterial Cellulose-Based Composite Scaffolds for Biomedical Applications: A Review. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7536-7562	8.3	150
80	All-Lignin-Based Hydrogel with Fast pH-Stimuli Responsiveness for Mechanical Switching and Actuation. <i>Chemistry of Materials</i> , 2020 , 32, 4324-4330	9.6	55
79	Using Lignin Monomer As a Novel Capping Agent for Efficient Acid-Catalyzed Depolymerization of High Molecular Weight Lignin to Improve Its Antioxidant Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9104-9114	8.3	12
78	Lignin-Based Micro- and Nanomaterials and their Composites in Biomedical Applications. <i>ChemSusChem</i> , 2020 , 13, 4266-4283	8.3	52
77	Lignin Fractionation for Reduced Heterogeneity in Self-Assembly Nanosizing: Toward Targeted Preparation of Uniform Lignin Nanoparticles with Small Size. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9174-9183	8.3	34
76	Stepwise Ethanol-Water Fractionation of Enzymatic Hydrolysis Lignin to Improve Its Performance as a Cationic Dye Adsorbent. <i>Molecules</i> , 2020 , 25,	4.8	10
75	Mild One-Pot Lignocellulose Fractionation Based on Acid-Catalyzed Biphasic Water/Phenol System to Enhance Components Processability. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2772-2782	8.3	17

74	Efficient catalytic production of biomass-derived levulinic acid over phosphotungstic acid in deep eutectic solvent. <i>Industrial Crops and Products</i> , 2020 , 145, 112154	5.9	27
73	Conversion of waste lignocellulose to furfural using sulfonated carbon microspheres as catalyst. <i>Waste Management</i> , 2020 , 108, 119-126	8.6	23
72	Highly Efficient Preparation of Functional and Thermostable Cellulose Nanocrystals via HSO Intensified Acetic Acid Hydrolysis. <i>Carbohydrate Polymers</i> , 2020 , 239, 116233	10.3	53
71	Cellulose Nanofibrils-based Hydrogels for Biomedical Applications: Progresses and Challenges. <i>Current Medicinal Chemistry</i> , 2020 , 27, 4622-4646	4.3	7
70	Novel lignin-based phenolic nanosphere supported palladium nanoparticles with highly efficient catalytic performance and good reusability. <i>Industrial Crops and Products</i> , 2020 , 145, 112164	5.9	56
69	High efficient recovery of L-lactide with lignin-based filler by thermal degradation. <i>Industrial Crops and Products</i> , 2020 , 143, 111954	5.9	32
68	Falling Leaves Return to Their Roots: A Review on the Preparation of γ -Valerolactone from Lignocellulose and Its Application in the Conversion of Lignocellulose. <i>ChemSusChem</i> , 2020 , 13, 6461-6476	8.3	21
67	Biomass Fractionation and Lignin Fractionation towards Lignin Valorization. <i>ChemSusChem</i> , 2020 , 13, 4284-4295	8.3	72
66	Highly Efficient and Sustainable Preparation of Carboxylic and Thermostable Cellulose Nanocrystals via FeCl ₃ -Catalyzed Innocuous Citric Acid Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 16691-16700	8.3	41
65	Synthesis of lignin-functionalized phenolic nanosphere supported Ag nanoparticles with excellent dispersion stability and catalytic performance. <i>Green Chemistry</i> , 2020 , 22, 2879-2888	10	30
64	Functionality study of lignin as a tyrosinase inhibitor: Influence of lignin heterogeneity on anti-tyrosinase activity. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 107-113	7.9	14
63	Kinetic study of furfural production from Eucalyptus sawdust using H-SAPO-34 as solid Brønsted acid and Lewis acid catalysts in biomass-derived solvents. <i>Industrial Crops and Products</i> , 2019 , 135, 196-205	5.9	30
62	Using Green γ -Valerolactone/Water Solvent To Decrease Lignin Heterogeneity by Gradient Precipitation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10112-10120	8.3	40
61	Subdivision of bamboo kraft lignin by one-step ethanol fractionation to enhance its water-solubility and antibacterial performance. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 156-164	7.9	31
60	A lignin-containing cellulose hydrogel for lignin fractionation. <i>Green Chemistry</i> , 2019 , 21, 5222-5230	10	54
59	Preparation of thermally stable and surface-functionalized cellulose nanocrystals via mixed HSO/Oxalic acid hydrolysis. <i>Carbohydrate Polymers</i> , 2019 , 223, 115116	10.3	42
58	Facile Extraction of Thermally Stable and Dispersible Cellulose Nanocrystals with High Yield via a Green and Recyclable FeCl ₃ -Catalyzed Deep Eutectic Solvent System. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7200-7208	8.3	67
57	Production of 5-hydroxymethylfurfural and levulinic acid from lignocellulosic biomass and catalytic upgradation. <i>Industrial Crops and Products</i> , 2019 , 130, 184-197	5.9	135

56	Enhancing the solubility and antioxidant activity of high-molecular-weight lignin by moderate depolymerization via in situ ethanol/acid catalysis. <i>Industrial Crops and Products</i> , 2019 , 128, 177-185	5.9	82
55	Comparative Evaluation of the Efficient Conversion of Corn Husk Filament and Corn Husk Powder to Valuable Materials via a Sustainable and Clean Biorefinery Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1327-1336	8.3	45
54	Cellulose nanocrystals and cellulose nanofibrils based hydrogels for biomedical applications. <i>Carbohydrate Polymers</i> , 2019 , 209, 130-144	10.3	374
53	A novel functional lignin-based filler for pyrolysis and feedstock recycling of poly(L-lactide). <i>Green Chemistry</i> , 2018 , 20, 1777-1783	10	42
52	Extractives of <i>Cercidiphyllum japonicum</i> twigs: isolation and structural elucidation of a new galloylflavonol glycoside, anomeric tannins and flavonoids. <i>Holzforschung</i> , 2018 , 72, 719-725	2	3
51	Successive ethanol/water fractionation of enzymatic hydrolysis lignin to concentrate its antimicrobial activity. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2977-2987	3.5	28
50	A novel and efficient process for lignin fractionation in biomass-derived glycerol-ethanol solvent system. <i>Industrial Crops and Products</i> , 2018 , 111, 201-211	5.9	49
49	One-pot lignin depolymerization and activation by solid acid catalytic phenolation for lightweight phenolic foam preparation. <i>Industrial Crops and Products</i> , 2018 , 124, 216-225	5.9	60
48	Improving the efficiency of enzymatic hydrolysis of Eucalyptus residues with a modified aqueous ammonia soaking method. <i>Nordic Pulp and Paper Research Journal</i> , 2018 , 33, 165-174	1.1	5
47	Triterpene Saponins from Branches of <i>Pinus massoniana</i> . <i>Chemistry of Natural Compounds</i> , 2018 , 54, 717-720	0.7	6
46	Chemocatalytic Conversion of Cellulose into Key Platform Chemicals. <i>International Journal of Polymer Science</i> , 2018 , 2018, 1-21	2.4	17
45	Lignin as a Novel Tyrosinase Inhibitor: Effects of Sources and Isolation Processes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9510-9518	8.3	23
44	Secondary Metabolites with Anti-complementary Activity from the Stem Barks of <i>Juglans mandshurica</i> Maxim. <i>Journal of the Korean Wood Science and Technology</i> , 2018 , 46, 118-124	2	4
43	Green and efficient production of furfural from corn cob over H-ZSM-5 using γ -valerolactone as solvent. <i>Industrial Crops and Products</i> , 2018 , 120, 343-350	5.9	37
42	Recent Strategies in Preparation of Cellulose Nanocrystals and Cellulose Nanofibrils Derived from Raw Cellulose Materials. <i>International Journal of Polymer Science</i> , 2018 , 2018, 1-25	2.4	92
41	Fractionation of enzymatic hydrolysis lignin by sequential extraction for enhancing antioxidant performance. <i>International Journal of Biological Macromolecules</i> , 2017 , 99, 674-681	7.9	80
40	Isolation and characterization of triterpenoids from the stem barks of <i>Pinus massoniana</i> . <i>Holzforschung</i> , 2017 , 71, 697-703	2	7
39	Preparation and Characterization of Chitosan by a Novel Deacetylation Approach Using Glycerol as Green Reaction Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4690-4698	8.3	49

38	Fabrication of high-performance poly(l-lactic acid)/lignin-graft-poly(d-lactic acid) stereocomplex films. <i>Materials Science and Engineering C</i> , 2017 , 80, 397-403	8.3	28
37	Lignin Nanoparticle as a Novel Green Carrier for the Efficient Delivery of Resveratrol. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8241-8249	8.3	195
36	Isolation and structural elucidation of heartwood extractives of <i>Juglans sigillata</i> . <i>Holzforschung</i> , 2017 , 71, 785-791	2	7
35	Simple and green fabrication of AgCl/Ag-cellulose paper with antibacterial and photocatalytic activity. <i>Carbohydrate Polymers</i> , 2017 , 174, 450-455	10.3	27
34	Optimization of eucalyptus pretreatment by NH ₄ Cl using response surface methodology. <i>Nordic Pulp and Paper Research Journal</i> , 2017 , 32, 459-465	1.1	1
33	Secondary Metabolites from the Leaves of <i>Juglans sigillata</i> . <i>Chemistry of Natural Compounds</i> , 2016 , 52, 1008-1010	0.7	8
32	Phytochemical Investigation of Hydroalcoholic Extractives from Branches of <i>Fraxinus velutina</i> . <i>Chemistry of Natural Compounds</i> , 2016 , 52, 132-133	0.7	5
31	New acylated flavonol glycosides with antibacterial activity from root barks of <i>Sophora japonica</i> . <i>Wood Science and Technology</i> , 2016 , 50, 645-659	2.5	10
30	Recovery of Oligosaccharides from Prehydrolysis Liquors of Poplar by Microfiltration/Ultrafiltration Membranes and Anion Exchange Resin. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 937-943	8.3	19
29	Apigenin-7-O- β -D-glucuronide inhibits LPS-induced inflammation through the inactivation of AP-1 and MAPK signaling pathways in RAW 264.7 macrophages and protects mice against endotoxin shock. <i>Food and Function</i> , 2016 , 7, 1002-13	6.1	53
28	Preparation and characterization of thermally stable cellulose nanocrystals via a sustainable approach of FeCl ₃ -catalyzed formic acid hydrolysis. <i>Cellulose</i> , 2016 , 23, 2389-2407	5.5	98
27	Preparation and characterization of functional cellulose nanofibrils via formic acid hydrolysis pretreatment and the followed high-pressure homogenization. <i>Industrial Crops and Products</i> , 2016 , 94, 736-745	5.9	80
26	Antibacterial active compounds from <i>Hypericum ascyron</i> L. induce bacterial cell death through apoptosis pathway. <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 436-44	6.8	19
25	The extract of <i>Hypericum ascyron</i> L. induces bacterial cell death through apoptosis pathway. <i>Journal of Ethnopharmacology</i> , 2015 , 166, 205-10	5	12
24	Neuroprotective effects of macranthoin G from <i>Eucommia ulmoides</i> against hydrogen peroxide-induced apoptosis in PC12 cells via inhibiting NF- κ B activation. <i>Chemico-Biological Interactions</i> , 2014 , 224, 108-16	5	46
23	Hydroxyl Radical Scavenging Properties of the Secondary Metabolites from <i>Paulownia tomentosa</i> var. <i>tomentosa</i> . <i>Chemistry of Natural Compounds</i> , 2013 , 49, 110-112	0.7	1
22	Chemical Constituents of the Root Barks of <i>Eucommia ulmoides</i> . <i>Chemistry of Natural Compounds</i> , 2013 , 49, 974-976	0.7	16
21	Antioxidant properties and neuroprotective effects of isocampneoside II on hydrogen peroxide-induced oxidative injury in PC12 cells. <i>Food and Chemical Toxicology</i> , 2013 , 59, 145-52	4.7	59

20	Hydrolysable tannins from <i>Juglans sigillata</i> stem barks. <i>Biochemical Systematics and Ecology</i> , 2011 , 39, 225-227	1.4	7
19	Chemical constituents with antioxidant activity from the pericarps of <i>Juglans sigillata</i> . <i>Chemistry of Natural Compounds</i> , 2011 , 47, 442-445	0.7	14
18	Antioxidant properties and structural analysis of phenolic glucosides from bark of <i>Populus ussuriensis</i> Kom.. <i>Wood Science and Technology</i> , 2011 , 45, 5-13	2.5	13
17	A new phenolic glucoside and flavonoids from the bark of <i>Eucommia ulmoides</i> Oliv.. <i>Holzforschung</i> , 2010 , 64,	2	9
16	Phenolic compounds in the leaves of <i>Populus ussuriensis</i> and their antioxidant activities. <i>Planta Medica</i> , 2009 , 75, 1165-7	3.1	32
15	Apigenin derivatives from <i>Paulownia tomentosa</i> Steud. var. <i>tomentosa</i> stem barks. <i>Holzforschung</i> , 2009 , 63,	2	8
14	Phenolic compounds from <i>Populus davidiana</i> Wood. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 634-636	0.7	5
13	Isolation and structure elucidation of secoiridoid glucosides from <i>Fraxinus rhynchophylla</i> leaves. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 814-816	0.7	11
12	Coumarins and secoiridoid glucosides from bark of <i>Fraxinus rhynchophylla</i> Hance. <i>Holzforschung</i> , 2008 , 62,	2	15
11	Studies on the phenylethanoid glycosides with anti-complement activity from <i>Paulownia tomentosa</i> var. <i>tomentosa</i> wood. <i>Journal of Asian Natural Products Research</i> , 2008 , 10, 1003-8	1.5	18
10	Epimeric phenylpropanoid glycosides from inner bark of <i>Paulownia coreana</i> Uyeki. <i>Holzforschung</i> , 2007 , 61, 161-164	2	9
9	Effects of two different enzyme treatments on the microstructure of outer surface of wheat straw. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	2
8	Effects of different amounts of cellulase on the microstructure and soluble substances of cotton stalk bark. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	3
7	Cellulose Nanomaterials for Oil Exploration Applications. <i>Polymer Reviews</i> ,1-41	14	14
6	Fabrication and applications of cellulose-based nanogenerators. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	24
5	Flexible and porous Co ₃ O ₄ -carbon nanofibers as binder-free electrodes for supercapacitors. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	20
4	Lignin-containing cellulose nanomaterials: preparation and applications. <i>Green Chemistry</i> ,	10	38
3	Compressible cellulose nanofibrils/reduced graphene oxide composite carbon aerogel for solid-state supercapacitor. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	4

2	Multifunctional Superelastic, Superhydrophilic, and Ultralight Nanocellulose-Based Composite Carbon Aerogels for Compressive Supercapacitor and Strain Sensor. <i>Advanced Functional Materials</i> , 2013, 23(15), 1562-1572	156	20
1	Strong and highly conductive cellulose nanofibril/silver nanowires nanopaper for high performance electromagnetic interference shielding. <i>Advanced Composites and Hybrid Materials</i> , 2013, 1(1), 8-17	8,7	6