Wim Thielemans

List of Publications by Year
in descending order

150 papers	12,100 citations	41258 49 h-index	26548 107 g-index
154 all docs	154 docs citations	154 times ranked	12809 citing authors

#	Article	IF	Citations
1	Review: current international research into cellulose nanofibres and nanocomposites. Journal of Materials Science, 2010, 45, 1-33.	1.7	2,042
2	Synthesis of polycaprolactone: a review. Chemical Society Reviews, 2009, 38, 3484.	18.7	1,291
3	Surface modification of cellulose nanocrystals. Nanoscale, 2014, 6, 7764-7779.	2.8	634
4	Sisal cellulose whiskers reinforced polyvinyl acetate nanocomposites. Cellulose, 2006, 13, 261-270.	2.4	483
5	Recycling of Polymers: A Review. ChemSusChem, 2014, 7, 1579-1593.	3.6	439
6	Cellulose Nanocrystals Grafted with Polystyrene Chains through Surface-Initiated Atom Transfer Radical Polymerization (SI-ATRP). Langmuir, 2009, 25, 8280-8286.	1.6	371
7	Cellulose nanowhisker aerogels. Green Chemistry, 2010, 12, 1448.	4.6	322
8	Lignin Esters for Use in Unsaturated Thermosets:Â Lignin Modification and Solubility Modeling. Biomacromolecules, 2005, 6, 1895-1905.	2.6	260
9	Chemolytic depolymerisation of PET: a review. Green Chemistry, 2021, 23, 3765-3789.	4.6	240
10	Novel applications of lignin in composite materials. Journal of Applied Polymer Science, 2002, 83, 323-331.	1.3	219
11	Dual fluorescent labelling of cellulose nanocrystals for pH sensing. Chemical Communications, 2010, 46, 8929.	2.2	206
12	Starch Nanocrystals with Large Chain Surface Modifications. Langmuir, 2006, 22, 4804-4810.	1.6	203
13	The catalytic oxidation of biomass to new materials focusing on starch, cellulose and lignin. Coordination Chemistry Reviews, 2010, 254, 1854-1870.	9.5	185
14	Grafting Polymers <i>from</i> Cellulose Nanocrystals: Synthesis, Properties, and Applications. Macromolecules, 2018, 51, 6157-6189.	2.2	175
15	Polymer Grafting onto Starch Nanocrystals. Biomacromolecules, 2007, 8, 2916-2927.	2.6	153
16	Biodegradability of organic nanoparticles in the aqueous environment. Chemosphere, 2011, 82, 1387-1392.	4.2	146
17	Imidazolium grafted cellulose nanocrystals for ion exchange applications. Chemical Communications, 2011, 47, 4177.	2.2	131
18	Celluloseâ€"gold nanoparticle hybrid materials. Nanoscale, 2017, 9, 8525-8554.	2.8	127

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19	Lignins as macromonomers for polyurethane synthesis: A comparative study on hydroxyl group determination. Journal of Applied Polymer Science, 2008, 109, 3008-3017.	1.3	121
20	Green One-Step Synthesis of Catalytically Active Palladium Nanoparticles Supported on Cellulose Nanocrystals. ACS Sustainable Chemistry and Engineering, 2014, 2, 1241-1250.	3.2	115
21	Starch Nanocrystal Stabilized Pickering Emulsion Polymerization for Nanocomposites with Improved Performance. ACS Applied Materials & Interfaces, 2014, 6, 8263-8273.	4.0	115
22	Mechanical properties of nanocomposites from sorbitol plasticized starch and tunicin whiskers. Journal of Applied Polymer Science, 2008, 109, 4065-4074.	1.3	111
23	Physico-chemical and mechanical properties of nanocomposites prepared using cellulose nanowhiskers and poly(lactic acid). Journal of Materials Science, 2012, 47, 2675-2686.	1.7	111
24	Electrochemical Capacitance of Nanocomposite Polypyrrole/Cellulose Films. Journal of Physical Chemistry C, 2010, 114, 17926-17933.	1.5	109
25	Improving the reproducibility of chemical reactions on the surface of cellulose nanocrystals: ROP of Îµ-caprolactone as a case study. Cellulose, 2011, 18, 607-617.	2.4	109
26	Permselective nanostructured membranes based on cellulose nanowhiskers. Green Chemistry, 2009, 11, 531.	4.6	100
27	Starch nanocrystals and starch nanoparticles from waxy maize as nanoreinforcement: A comparative study. Carbohydrate Polymers, 2016, 143, 310-317.	5.1	99
28	Influence of the Particle Concentration and Marangoni Flow on the Formation of Cellulose Nanocrystal Films. Langmuir, 2017, 33, 228-234.	1.6	96
29	Thermodynamics of adsorption on nanocellulose surfaces. Cellulose, 2019, 26, 249-279.	2.4	96
30	Surface functionalization of cellulose fibres and their incorporation in renewable polymeric matrices. Composites Science and Technology, 2008, 68, 3193-3201.	3.8	95
31	Preparation of poly(styreneâ€‹<i>co</i>â€‹hexylacrylate)/cellulose whiskers nanocomposites via miniemulsion polymerization. Journal of Applied Polymer Science, 2009, 114, 2946-2955.	1.3	95
32	Butyrated kraft lignin as compatibilizing agent for natural fiber reinforced thermoset composites. Composites Part A: Applied Science and Manufacturing, 2004, 35, 327-338.	3.8	92
33	Synthesis of platinum nanoparticles using cellulosic reducing agents. Green Chemistry, 2010, 12, 220-222.	4.6	89
34	Synthesis of carbon-supported Pt nanoparticle electrocatalysts using nanocrystalline cellulose as reducing agent. Green Chemistry, 2011, 13, 1686.	4.6	87
35	Synthesis of cellulose nanocrystals bearing photocleavable grafts by ATRP. Polymer Chemistry, 2012, 3, 1402.	1.9	78
36	Chitin Nanowhisker Aerogels. ChemSusChem, 2013, 6, 537-544.	3.6	78

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37	Highly charged cellulose-based nanocrystals as flocculants for harvesting Chlorella vulgaris. Bioresource Technology, 2015, 194, 270-275.	4.8	75
38	Unravelling the Mechanism of Chitosan-Driven Flocculation of Microalgae in Seawater as a Function of pH. ACS Sustainable Chemistry and Engineering, 2018, 6, 11273-11279.	3.2	72
39	Surface modification of cellulose by PCL grafts. Acta Materialia, 2010, 58, 792-801.	3.8	71
40	Electric-Field-Mediated Reversible Transformation between Supramolecular Networks and Covalent Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 11404-11408.	6.6	69
41	Citric acid as a benign alternative to metal catalysts for the production of cellulose-grafted-polycaprolactone copolymers. Polymer Chemistry, 2012, 3, 679.	1.9	65
42	Ferrocene-Decorated Nanocrystalline Cellulose with Charge Carrier Mobility. Langmuir, 2012, 28, 6514-6519.	1.6	63
43	A facile one-pot route to cationic cellulose nanocrystals. Nanoscale, 2013, 5, 10207.	2.8	61
44	CO₂ controlled flocculation of microalgae using pH responsive cellulose nanocrystals. Nanoscale, 2015, 7, 14413-14421.	2.8	60
45	Mechanical, crystallisation and moisture absorption properties of melt drawn polylactic acid fibres. European Polymer Journal, 2014, 53, 270-281.	2.6	59
46	Thin-Film Modified Electrodes with Reconstituted Celluloseâˆ’PDDAC Films for the Accumulation and Detection of Triclosan. Journal of Physical Chemistry C, 2008, 112, 2660-2666.	1.5	56
47	Surface functionalization of cellulose by grafting oligoether chains. Materials Chemistry and Physics, 2010, 120, 438-445.	2.0	56
48	Instantaneous hydrolysis of PET bottles: an efficient pathway for the chemical recycling of condensation polymers. Green Chemistry, 2021, 23, 9945-9956.	4.6	54
49	Effect of Cellulose Nanowhiskers on Surface Morphology, Mechanical Properties, and Cell Adhesion of Melt-Drawn Polylactic Acid Fibers. Biomacromolecules, 2014, 15, 1498-1506.	2.6	50
50	Cellulose Nanowhiskers Templating in Conductive Polymer Nanocomposites Reduces Electrical Percolation Threshold 5-Fold. ACS Macro Letters, 2013, 2, 157-163.	2.3	49
51	Predicting the capability of carboxylated cellulose nanowhiskers for the remediation of copper from water using response surface methodology (RSM) and artificial neural network (ANN) models. Industrial Crops and Products, 2016, 93, 108-120.	2.5	49
52	Sorption potential of modified nanocrystals for the removal of aromatic organic pollutant from aqueous solution. Industrial Crops and Products, 2011, 33, 350-357.	2.5	48
53	High total-electrode and mass-specific capacitance cellulose nanocrystal-polypyrrole nanocomposites for supercapacitors. RSC Advances, 2013, 3, 9158.	1.7	48
54	Impure carbon nanotubes as reinforcements for acrylated epoxidized soy oil composites. Journal of Applied Polymer Science, 2005, 98, 1325-1338.	1.3	47

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55	Thermodynamic Study of the Interaction of Bovine Serum Albumin and Amino Acids with Cellulose Nanocrystals. Langmuir, 2017, 33, 5473-5481.	1.6	47
56	Self-Assembled Monolayers as Templates for Linearly Nanopatterned Covalent Chemical Functionalization of Graphite and Graphene Surfaces. ACS Nano, 2018, 12, 11520-11528.	7.3	44
57	Kraft lignin as fiber treatment for natural fiber-reinforced composites. Polymer Composites, 2005, 26, 695-705.	2.3	41
58	Cellulose-hemicellulose interactions - A nanoscale view. Carbohydrate Polymers, 2021, 270, 118364.	5.1	41
59	Boronic aciddendrimerreceptor modified nanofibrillar cellulose membranes. Journal of Materials Chemistry, 2010, 20, 588-594.	6.7	37
60	Patience is a virtue: self-assembly and physico-chemical properties of cellulose nanocrystal allomorphs. Nanoscale, 2020, 12, 17480-17493.	2.8	37
61	Polyethylene glycol-drug ester conjugates for prolonged retention of small inhaled drugs in the lung. Journal of Controlled Release, 2013, 171, 234-240.	4.8	36
62	Effect of Source on the Properties and Behavior of Cellulose Nanocrystal Suspensions. ACS Sustainable Chemistry and Engineering, 2018, 6, 8317-8324.	3.2	35
63	Cationic Cellulose Nanocrystals for Flocculation of Microalgae: Effect of Degree of Substitution and Crystallinity. ACS Applied Nano Materials, 2019, 2, 3394-3403.	2.4	35
64	Green chemicals and process to graft cellulose fibers. Journal of Colloid and Interface Science, 2009, 330, 298-302.	5.0	34
65	Nanocomposite oxygen reduction electrocatalysts formed using bioderived reducing agents. Journal of Materials Chemistry, 2010, 20, 1737.	6.7	33
66	A one-step miniemulsion polymerization route towards the synthesis of nanocrystal reinforced acrylic nanocomposites. Soft Matter, 2013, 9, 1975-1984.	1.2	33
67	Graphite and Graphene Fairy Circles: A Bottom-Up Approach for the Formation of Nanocorrals. ACS Nano, 2019, 13, 5559-5571.	7.3	32
68	Multicomponent Covalent Chemical Patterning of Graphene. ACS Nano, 2021, 15, 10618-10627.	7.3	31
69	Demetallation of methemoglobin in cellulose nanofibrilâ€"TiO2 nanoparticle composite membrane electrodes. Electrochemistry Communications, 2007, 9, 1985-1990.	2.3	30
70	Self-limiting covalent modification of carbon surfaces: diazonium chemistry with a twist. Nanoscale, 2020, 12, 18782-18789.	2.8	30
71	Polyaniline- and poly(ethylenedioxythiophene)-cellulose nanocomposite electrodes for supercapacitors. Journal of Solid State Electrochemistry, 2014, 18, 3307-3315.	1.2	29
72	High cellulose nanowhisker content composites through cellosize bonding. Soft Matter, 2012, 8, 12099.	1.2	28

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73	Thermodynamic Study of Ion-Driven Aggregation of Cellulose Nanocrystals. Biomacromolecules, 2019, 20, 3181-3190.	2.6	28
74	Toward Improved Understanding of the Interactions between Poorly Soluble Drugs and Cellulose Nanofibers. Langmuir, 2018, 34, 5464-5473.	1.6	27
75	Effect of Gelation on the Colloidal Deposition of Cellulose Nanocrystal Films. Biomacromolecules, 2018, 19, 3233-3243.	2.6	25
76	Iodide mediated reductive decomposition of diazonium salts: towards mild and efficient covalent functionalization of surface-supported graphene. Nanoscale, 2020, 12, 11916-11926.	2.8	25
77	Nanoscale Evidence Unravels Microalgae Flocculation Mechanism Induced by Chitosan. ACS Applied Bio Materials, 2020, 3, 8446-8459.	2.3	25
78	Tuning percolation speed in layer-by-layer assembled polyanilineâ€“nanocellulose composite films. Journal of Solid State Electrochemistry, 2011, 15, 2675-2681.	1.2	24
79	Real-scale chlorination at pH4 of BW30 TFC membranes and their physicochemical characterization. Journal of Membrane Science, 2018, 551, 123-135.	4.1	24
80	One-pot functionalization of cellulose nanocrystals with various cationic groups. Cellulose, 2016, 23, 3569-3576.	2.4	23
81	Anisotropic Diffusion and Phase Behavior of Cellulose Nanocrystal Suspensions. Langmuir, 2019, 35, 2289-2302.	1.6	23
82	Covalent functionalization of molybdenum disulfide by chemically activated diazonium salts. Nanoscale, 2021, 13, 2972-2981.	2.8	23
83	Binary Mixed Homopolymer Brushes Tethered to Cellulose Nanocrystals: A Step Towards Compatibilized Polyester Blends. Biomacromolecules, 2016, 17, 3048-3059.	2.6	22
84	Isothermal titration calorimetry to study the influence of citrus pectin degree and pattern of methylesterification on Zn2+ interaction. Carbohydrate Polymers, 2018, 197, 460-468.	5.1	22
85	Harvesting of marine microalgae using cationic cellulose nanocrystals. Carbohydrate Polymers, 2020, 240, 116165.	5.1	22
86	The effect of cellulose nanowhiskers on the flexural properties of self-reinforced polylactic acid composites. Reactive and Functional Polymers, 2014, 85, 193-200.	2.0	21
87	Coumarin and carbazole fluorescently modified cellulose nanocrystals using a oneâ€step esterification procedure. Canadian Journal of Chemical Engineering, 2016, 94, 2186-2194.	0.9	21
88	Covalent Functionalization of Carbon Surfaces: Diaryliodonium versus Aryldiazonium Chemistry. Chemistry of Materials, 2020, 32, 5246-5255.	3.2	21
89	Ultrathin Carbon Film Electrodes from Vacuumâ€Carbonised Cellulose Nanofibril Composite. Electroanalysis, 2010, 22, 619-624.	1.5	19
90	Synthesis of Novel Renewable Polyesters and Polyamides with Olefin Metathesis. ACS Sustainable Chemistry and Engineering, 2016, 4, 5943-5952.	3.2	19

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91	Engineered Three-Dimensional Microenvironments with Starch Nanocrystals as Cell-Instructive Materials. Biomacromolecules, 2019, 20, 3819-3830.	2.6	19
92	How Trace Impurities Can Strongly Affect the Hydroconversion of Biobased 5-Hydroxymethylfurfural?. ACS Catalysis, 2021, 11, 9204-9209.	5.5	19
93	One step room temperature synthesis of ordered mesoporous silicaSBA-15 mediated by cellulose nanoparticles. Journal of Materials Chemistry, 2010, 20, 320-325.	6.7	18
94	Controlled chlorination of polyamide reverse osmosis membranes at real scale for enhanced desalination performance. Journal of Membrane Science, 2020, 611, 118400.	4.1	18
95	Nanofibrillar Celluloseâ€Chitosan Composite Film Electrodes: Competitive Binding of Triclosan, Fe(CN)₆^{3âˆ’/4âˆ’}, and SDS Surfactant. Electroanalysis, 2008, 20, 2395-2402.	1.5	17
96	Cellulosic-crystals as a fumed-silica substitute in vacuum insulated panel technology used in building construction and retrofit applications. Energy and Buildings, 2017, 156, 187-196.	3.1	17
97	Prediction of the equilibrium moisture content based on the chemical composition and crystallinity of natural fibres. Industrial Crops and Products, 2022, 186, 115187.	2.5	17
98	Real-Time Adsorption of Exo- and Endoglucanases on Cellulose: Effect of pH, Temperature, and Inhibitors. Langmuir, 2018, 34, 13514-13522.	1.6	16
99	Stimuli-Induced Nonequilibrium Phase Transitions in Polyelectrolyteâ€“Surfactant Complex Coacervates. Langmuir, 2020, 36, 8839-8857.	1.6	16
100	Affordable Composites and Plastics from Renewable Resources: Part I: Synthesis of Monomers and Polymers. ACS Symposium Series, 2002, , 177-204.	0.5	15
101	Affordable Composites and Plastics from Renewable Resources: Part II: Manufacture of Composites. ACS Symposium Series, 2002, , 205-224.	0.5	14
102	Thermodynamics of the interactions of positively charged cellulose nanocrystals with molecules bearing different amounts of carboxylate anions. Physical Chemistry Chemical Physics, 2018, 20, 17637-17647.	1.3	14
103	Organocatalyzed ring opening polymerization of lactide from the surface of cellulose nanofibrils. Carbohydrate Polymers, 2020, 250, 116974.	5.1	14
104	Synergy between endo/exo-glucanases and expansin enhances enzyme adsorption and cellulose conversion. Carbohydrate Polymers, 2021, 253, 117287.	5.1	14
105	Glycine betaine grafted nanocellulose as an effective and bio-based cationic nanocellulose flocculant for wastewater treatment and microalgal harvesting. Nanoscale Advances, 2021, 3, 4133-4144.	2.2	14
106	SANS study of mixed cholesteric cellulose nanocrystal â€“ gold nanorod suspensions. Chemical Communications, 2020, 56, 13001-13004.	2.2	13
107	A simple, rapid and accurate method for the sample preparation and quantification of meso- and microplastics in food and food waste streams. Environmental Pollution, 2022, 307, 119511.	3.7	13
108	Cellulose-Cyclodextrin Co-Polymer for the Removal of Cyanotoxins on Water Sources. Polymers, 2019, 11, 2075.	2.0	12

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109	Multi-layered nanoscale cellulose/CuInS2 sandwich type thin films. Carbohydrate Polymers, 2019, 203, 219-227.	5.1	12
110	Chlorine-Resistant Epoxide-Based Membranes for Sustainable Water Desalination. Environmental Science and Technology Letters, 2021, 8, 818-824.	3.9	12
111	Lightâ€Addressable Nanocomposite Hydrogels Allow Plasmonic Actuation and In Situ Temperature Monitoring in 3D Cell Matrices. Advanced Functional Materials, 2022, 32, 2108234.	7.8	12
112	Highly regioselective surface acetylation of cellulose and shaped cellulose constructs in the gas-phase. Green Chemistry, 2022, 24, 5604-5613.	4.6	12
113	A COMPOSITE FROM SOY OIL AND CARBON NANOTUBES. International Journal of Nanoscience, 2003, 02, 185-194.	0.4	11
114	Cellulose Nanowhiskers in Electrochemical Applications. ACS Symposium Series, 2012, , 75-106.	0.5	11
115	The significant role of support layer solvent annealing in interfacial polymerization: The case of epoxide-based membranes. Journal of Membrane Science, 2020, 612, 118438.	4.1	11
116	Synergistic effects of chloride anions and carboxylated cellulose nanocrystals on the assembly of thick three-dimensional high-performance polypyrrole-based electrodes. Journal of Energy Chemistry, 2022, 70, 492-501.	7.1	11
117	Characterization of oil-proof papers containing new-type of fluorochemicals Part 1: Surface properties and printability. Applied Surface Science, 2013, 277, 57-66.	3.1	10
118	Intrinsic five-photon non-linear absorption of two-dimensional BN and its conversion to two-photon absorption in the presence of photo-induced defects. Optical Materials, 2018, 86, 414-420.	1.7	10
119	Exploiting flocculation and membrane filtration synergies for highly energy-efficient, high-yield microalgae harvesting. Separation and Purification Technology, 2022, 296, 121386.	3.9	10
120	Stabilising Ni catalysts for the dehydrationâ€“decarboxylationâ€“hydrogenation of citric acid to methylsuccinic acid. Green Chemistry, 2017, 19, 4642-4650.	4.6	9
121	Generality and specificity of the binding behaviour of lysozyme with pectin varying in local charge density and overall charge. Food Hydrocolloids, 2020, 99, 105345.	5.6	9
122	Novel heterogeneous ruthenium racemization catalyst for dynamic kinetic resolution of chiral aliphatic amines. Green Chemistry, 2020, 22, 85-93.	4.6	9
123	Facile cation electro-insertion into layer-by-layer assembled iron phytate films. Electrochemistry Communications, 2010, 12, 1722-1726.	2.3	8
124	Enhanced TiO2 surface electrochemistry with carbonised layer-by-layer cellulose-PDDA composite films. Physical Chemistry Chemical Physics, 2011, 13, 9857.	1.3	8
125	Suppressed photoelectrochemistry at carbon-surface-modified mesoporous TiO2 films. Electrochimica Acta, 2012, 73, 31-35.	2.6	8
126	Cold plasma-assisted paper recycling. Industrial Crops and Products, 2013, 43, 114-118.	2.5	8

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127	Separation of Sulphuric Acid from an Acid Suspension of Cellulose Nanocrystals by Manual Shaking. Journal of Nano Research, 2016, 38, 58-72.	0.8	8
128	Effect of Sugars on the Real-Time Adsorption of Expansin on Cellulose. Biomacromolecules, 2020, 21, 1776-1784.	2.6	8
129	Synergistic effects of acetic acid and nitric acid in water-based solâ€“gel synthesis of crystalline TiO2 nanoparticles at 25ÂÂ°C. Journal of Materials Science, 2021, 56, 16877-16886.	1.7	8
130	PVA fiber reinforced cement composites with calcined cutter soil mixing residue as a partial cement replacement. Construction and Building Materials, 2022, 326, 126924.	3.2	8
131	Grafting Ink for Direct Writing: Solvation Activated Covalent Functionalization of Graphene. Advanced Science, 2022, 9, e2105017.	5.6	8
132	Enhanced enzymatic hydrolysis of cellulose by endoglucanase via expansin pretreatment and the addition of zinc ions. Bioresource Technology, 2021, 333, 125139.	4.8	7
133	Colloidal Stability and Aggregation Mechanism in Aqueous Suspensions of TiO₂ Nanoparticles Prepared by Solâ€“Gel Synthesis. Langmuir, 2021, 37, 14846-14855.	1.6	7
134	Cellulose nanocrystals modification by grafting from ring opening polymerization of a cyclic carbonate. Carbohydrate Polymers, 2022, 295, 119840.	5.1	7
135	Effect of nitrogen doping in the few layer graphene cathode of an aluminum ion battery. Chemical Physics Letters, 2019, 733, 136669.	1.2	6
136	Harvesting microalgal-bacterial biomass from biogas upgrading process and evaluating the impact of flocculants on their growth during repeated recycling of the spent medium. Algal Research, 2020, 48, 101915.	2.4	6
137	Meta-analysis of TiO2 nanoparticle synthesis strategies to assess the impact of key reaction parameters on their crystallinity. Journal of Materials Science, 2021, 56, 5975-5994.	1.7	6
138	Effect of Geometry on Droplet Generation in a Microfluidic T-Junction. , 2013, , .		5
139	Polysaccharide Based Supercapacitors. Springer Briefs in Molecular Science, 2017, , .	0.1	5
140	Real-time adsorption of optical brightening agents on cellulose thin films. Carbohydrate Polymers, 2021, 261, 117826.	5.1	5
141	Ultrafast Simultaneous and Selective Depolymerization of Heterogeneous Streams of Polyethylene Terephthalate and Polycarbonate: Towards Industrially Feasible Chemical Recycling. ChemSusChem, 2022, 15, .	3.6	5
142	Cold-plasma Assisted Hydrophobisation of Lignocellulosic Fibres. Current Organic Chemistry, 2013, 17, 892-899.	0.9	3
143	Selfâ€Assembled Regenerated Cellulose Spacer Film in Thin Film and Generatorâ€Collector Electrodes. Electroanalysis, 2013, 25, 1773-1779.	1.5	2
144	Phase Behavior and Polymorphism of Saturated and Unsaturated Phytosterol Esters. Molecules, 2020, 25, 5727.	1.7	2

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145	Effect of Fluid Properties on Droplet Generation in a Microfluidic T-Junction. , 2014, , .		1
146	Pico-electrochemistry in humidity-equilibrated electrolyte films on nano-cotton: Three- and four-point probe voltammetry and impedance. Sensors and Actuators B: Chemical, 2015, 210, 762-767.	4.0	1
147	Polysaccharides in Supercapacitors. Springer Briefs in Molecular Science, 2017, , 15-53.	0.1	1
148	Adsorptive separation using self-assembly on graphite: from nanoscale to bulk processes. Chemical Science, 2022, 13, 9035-9046.	3.7	1
149	Phase Behaviour of Cellulose Nanocrystal Dispersion in Aqueous Sulphuric Acid and Development of an Energy Efficient Separation Technique for the Acid-Cellulose Nanocrystal System. Defect and Diffusion Forum, 2017, 371, 59-72.	0.4	0
150	BIO-BASED POLYMERS: A GREEN CHEMISTRY PERSPECTIVE. , 2010, , .		0