

Xiaohui Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4200521/xiaohui-wang-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

5,005
citations

34
h-index

67
g-index

135
ext. papers

6,089
ext. citations

7.2
avg, IF

5.92
L-index

#	Paper	IF	Citations
129	Chitosan kills bacteria through cell membrane damage. <i>International Journal of Food Microbiology</i> , 2004 , 95, 147-55	5.8	588
128	Preparation, characterization and antimicrobial activity of chitosan-Zn complex. <i>Carbohydrate Polymers</i> , 2004 , 56, 21-26	10.3	310
127	High-efficiency, environment-friendly electroluminescent polymers with stable high work function metal as a cathode: green- and yellow-emitting conjugated polyfluorene polyelectrolytes and their neutral precursors. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9845-53	16.4	284
126	Chitosan- metal complexes as antimicrobial agent: Synthesis, characterization and Structure-activity study. <i>Polymer Bulletin</i> , 2005 , 55, 105-113	2.4	241
125	Advances in self-assembled chitosan nanomaterials for drug delivery. <i>Biotechnology Advances</i> , 2014 , 32, 1301-1316	17.8	222
124	14.4% efficiency all-polymer solar cell with broad absorption and low energy loss enabled by a novel polymer acceptor. <i>Nano Energy</i> , 2020 , 72, 104718	17.1	177
123	Preparation, characterization and antimicrobial activity of chitosan/layered silicate nanocomposites. <i>Polymer</i> , 2006 , 47, 6738-6744	3.9	164
122	Probing Energy and Electron Transfer Mechanisms in Fluorescence Quenching of Biomass Carbon Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17478-88	9.5	156
121	Synthesis, characterization and antibacterial activity of guanidynylated chitosan. <i>Carbohydrate Polymers</i> , 2007 , 67, 66-72	10.3	106
120	Preparation and third-order optical nonlinearity of self-assembled chitosan/CdSe-ZnS core-shell quantum dots multilayer films. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 1566-70	3.4	91
119	Preparation and characterization of alginate/gelatin blend fibers. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 1625-1629	2.9	87
118	Rapid self-healing, stretchable, moldable, antioxidant and antibacterial tannic acid-cellulose nanofibril composite hydrogels. <i>Carbohydrate Polymers</i> , 2019 , 224, 115147	10.3	83
117	Characterization and antioxidant activity of β -carotene loaded chitosan-graft-poly(lactide) nanomicelles. <i>Carbohydrate Polymers</i> , 2015 , 117, 169-176	10.3	82
116	Fluorescent amphiphilic cellulose nanoaggregates for sensing trace explosives in aqueous solution. <i>Chemical Communications</i> , 2012 , 48, 5569-71	5.8	81
115	Preparation of cellulose-graft-poly(ϵ -caprolactone) nanomicelles by homogeneous ROP in ionic liquid. <i>Carbohydrate Polymers</i> , 2013 , 92, 77-83	10.3	74
114	Self-assembly and paclitaxel loading capacity of cellulose-graft-poly(lactide) nanomicelles. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 3900-8	5.7	73
113	Sustainable carbon quantum dots from forestry and agricultural biomass with amplified photoluminescence by simple NH ₄ OH passivation. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9760-9766	7.1	72

112	Synthesis and properties of a novel water-soluble anionic polyfluorenes for highly sensitive biosensors. <i>Polymer</i> , 2005 , 46, 12010-12015	3.9	68
111	Effect of chitosan coating on respiratory behavior and quality of stored litchi under ambient temperature. <i>Journal of Food Engineering</i> , 2011 , 102, 94-99	6	66
110	Preparation and characterization of new quaternized carboxymethyl chitosan/rectorite nanocomposite. <i>Composites Science and Technology</i> , 2010 , 70, 1161-1167	8.6	66
109	Nanocellulose/LiCl systems enable conductive and stretchable electrolyte hydrogels with tolerance to dehydration and extreme cold conditions. <i>Chemical Engineering Journal</i> , 2021 , 408, 127306	14.7	59
108	A highly conductive, pliable and foldable Cu/cellulose paper electrode enabled by controlled deposition of copper nanoparticles. <i>Nanoscale</i> , 2019 , 11, 725-732	7.7	56
107	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
106	Highly tough cellulose/graphene composite hydrogels prepared from ionic liquids. <i>Industrial Crops and Products</i> , 2015 , 70, 56-63	5.9	50
105	Self-assembly and β -carotene loading capacity of hydroxyethyl cellulose-graft-linoleic acid nanomicelles. <i>Carbohydrate Polymers</i> , 2016 , 145, 56-63	10.3	49
104	Water-Soluble Conjugated Molecule for Solar-Driven Hydrogen Evolution from Salt Water. <i>Advanced Functional Materials</i> , 2019 , 29, 1808156	15.6	46
103	Conversion of crystal structure of the chitin to facilitate preparation of a 6-carboxychitin with moisture absorption/retention abilities. <i>Carbohydrate Polymers</i> , 2006 , 66, 168-175	10.3	46
102	A Truxenone-based Covalent Organic Framework as an All-Solid-State Lithium-Ion Battery Cathode with High Capacity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20385-20389	16.4	45
101	Synthesis of porous poly(styrene-co-acrylic acid) microspheres through one-step soap-free emulsion polymerization: whys and wherefores. <i>Journal of Colloid and Interface Science</i> , 2012 , 368, 220-228	9.3	39
100	Synthesis and characterization of hydrophobic long-chain fatty acylated cellulose and its self-assembled nanoparticles. <i>Polymer Bulletin</i> , 2012 , 69, 389-403	2.4	39
99	A novel crosslinkable electron injection/transporting material for solution processed polymer light-emitting diodes. <i>Science China Chemistry</i> , 2011 , 54, 1745-1749	7.9	38
98	Self-Assembled Conjugated Polymer/Chitosan-graft-Oleic Acid Micelles for Fast Visible Detection of Aliphatic Biogenic Amines by "Turn-On" FRET. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 22875-22884	9.5	37
97	New Understandings of the Relationship and Initial Formation Mechanism for Pseudo-lignin, Humins, and Acid-Induced Hydrothermal Carbon. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11981-11989	5.7	36
96	Direct grafting modification of pulp in ionic liquids and self-assembly behavior of the graft copolymers. <i>Cellulose</i> , 2013 , 20, 873-884	5.5	34
95	High Oxygen Barrier Property of Poly(propylene carbonate)/Polyethylene Glycol Nanocomposites with Low Loading of Cellulose Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11246-11254	8.3	33

94	SO ₄ ²⁻ /Sn-MMT Solid Acid Catalyst for Xylose and Xylan Conversion into Furfural in the Biphasic System. <i>Catalysts</i> , 2017 , 7, 118	4	33
93	Fluorescent nanomicelles for selective detection of Sudan dye in Pluronic F127 aqueous media. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5113-21	9.5	31
92	Electrostatically self-assembled chitosan derivatives working as efficient cathode interlayers for organic solar cells. <i>Nano Energy</i> , 2017 , 34, 164-171	17.1	28
91	Self-assembled porous biomass carbon/RGO/nanocellulose hybrid aerogels for self-supporting supercapacitor electrodes. <i>Chemical Engineering Journal</i> , 2021 , 412, 128755	14.7	28
90	Large scale preparation of graphene oxide/cellulose paper with improved mechanical performance and gas barrier properties by conventional papermaking method. <i>Industrial Crops and Products</i> , 2016 , 85, 198-203	5.9	28
89	Suppressing the excessive aggregation of nonfullerene acceptor in blade-coated active layer by using n-type polymer additive to achieve large-area printed organic solar cells with efficiency over 15%. <i>EcoMat</i> , 2019 , 1, e12006	9.4	28
88	Applications of Hydrogels with Special Physical Properties in Biomedicine. <i>Polymers</i> , 2019 , 11,	4.5	27
87	Biomass Nanomicelles Assist Conjugated Polymers/Pt Cocatalysts To Achieve High Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 4128-4135	8.3	27
86	Interaction between chitosan and alkyl β -D-glucopyranoside and its effect on their antimicrobial activity. <i>Carbohydrate Polymers</i> , 2004 , 56, 243-250	10.3	27
85	All-polymer solar cells with efficiency approaching 16% enabled using a dithieno[3,2':3,4;2'',3'':5,6]benzo[1,2-c][1,2,5]thiadiazole (fDTBT)-based polymer donor. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 8975-8983	13	27
84	All-Biomass Fluorescent Hydrogels Based on Biomass Carbon Dots and Alginate/Nanocellulose for Biosensing.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1398-1407	4.1	27
83	Fabrication of cellulose nanocrystal reinforced nanocomposite hydrogel with self-healing properties. <i>Carbohydrate Polymers</i> , 2020 , 240, 116289	10.3	25
82	Simultaneously obtaining fluorescent carbon dots and porous active carbon for supercapacitors from biomass. <i>RSC Advances</i> , 2016 , 6, 88674-88682	3.7	25
81	A multifunctional interface design on cellulose substrate enables high performance flexible all-solid-state supercapacitors. <i>Energy Storage Materials</i> , 2020 , 32, 208-215	19.4	25
80	Microwave-Assisted Oxalic Acid Pretreatment for the Enhancing of Enzyme Hydrolysis in the Production of Xylose and Arabinose from Bagasse. <i>Molecules</i> , 2018 , 23,	4.8	24
79	Synthesis, characterization, and micellar behaviors of hydroxyethyl cellulose-graft-poly(lactide/ ϵ -caprolactone/ <i>p</i> -dioxanone). <i>Cellulose</i> , 2015 , 22, 2365-2374	5.5	23
78	Cellulosic micelles as nanocapsules of liposoluble CdSe/ZnS quantum dots for bioimaging. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 6454-6461	7.3	23
77	Transparent, flexible and recyclable nanopaper-based touch sensors fabricated via inkjet-printing. <i>Green Chemistry</i> , 2020 , 22, 3208-3215	10	23

76	Highly smooth, stable and reflective Ag-paper electrode enabled by silver mirror reaction for organic optoelectronics. <i>Chemical Engineering Journal</i> , 2019 , 370, 1048-1056	14.7	22
75	Robust, high-barrier, and fully recyclable cellulose-based plastic replacement enabled by a dynamic imine polymer. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 14082-14090	13	22
74	Large two-photon absorbance of chitosan/ZnS quantum dots nanocomposite film. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 30, 96-100	3	22
73	A one-pot strategy for preparation of high-strength carboxymethyl xylan-g-poly(acrylic acid) hydrogels with shape memory property. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 507-518	9.3	22
72	Solid acid-induced hydrothermal treatment of bagasse for production of furfural and levulinic acid by a two-step process. <i>Industrial Crops and Products</i> , 2018 , 123, 118-127	5.9	22
71	Preparation of lanthanide doped CdS, ZnS quantum dots in natural polysaccharide template and their optical properties. <i>Optical Materials</i> , 2012 , 34, 646-651	3.3	21
70	Platinum-based poly(aryleneethynylene) polymers containing thiazolothiazole group with high hole mobilities for field-effect transistor applications. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 603-608	4.8	21
69	Unravelling the efficient use of waste lignin as a bitumen modifier for sustainable roads. <i>Construction and Building Materials</i> , 2020 , 230, 116957	6.7	21
68	A new approach to recycle oxalic acid during lignocellulose pretreatment for xylose production. <i>Biotechnology for Biofuels</i> , 2018 , 11, 324	7.8	21
67	Bandgap engineering of indenofluorene-based conjugated copolymers with pendant donor-acceptor chromophores for photovoltaic applications. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4406-4415	2.5	20
66	Fluorescent identification and detection of Staphylococcus aureus with carboxymethyl chitosan/CdS quantum dots bioconjugates. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 1881-93	3.5	20
65	Multi-Responsive Bilayer Hydrogel Actuators with Programmable and Precisely Tunable Motions. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1800562	2.6	19
64	Amphoteric Polymer-Clay Nanocomposites with Drug-Controlled Release Property. <i>Current Nanoscience</i> , 2011 , 7, 183-190	1.4	18
63	F127/conjugated polymers fluorescent micelles for trace detection of nitroaromatic explosives. <i>Dyes and Pigments</i> , 2016 , 125, 367-374	4.6	16
62	Self-assembled conjugated polymer/carboxymethyl chitosan grafted poly(p-dioxanone) nanomicelles and their use in functionalized indicator paper for fast and visual detection of a banned food dye. <i>Polymer Chemistry</i> , 2014 , 5, 4251-4258	4.9	16
61	High strength, flexible, and conductive graphene/polypropylene fiber paper fabricated via papermaking process. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	16
60	An efficient pretreatment for the selectively hydrothermal conversion of corncob into furfural: The combined mixed ball milling and ultrasonic pretreatments. <i>Industrial Crops and Products</i> , 2016 , 94, 721-728	5.9	16
59	High performance fully paper-based all-solid-state supercapacitor fabricated by a papermaking process with silver nanoparticles and reduced graphene oxide-modified pulp fibers. <i>EcoMat</i> , 2021 , 3, e12076	9.4	16

58	Quaternized xylan/cellulose nanocrystal reinforced magnetic hydrogels with high strength. <i>Cellulose</i> , 2018 , 25, 4537-4549	5.5	15
57	Microwave Irradiation Assisted Synthesis and Flocculation Behavior of Quaternized Chitosan/Organo Montmorillonite Nanocomposite. <i>Current Nanoscience</i> , 2011 , 7, 1034-1041	1.4	15
56	Multi-color light-emitting amphiphilic cellulose/conjugated polymers nanomicelles for tumor cell imaging. <i>Cellulose</i> , 2017 , 24, 889-902	5.5	14
55	Mussel-inspired fabrication of novel superhydrophobic and superoleophilic sponge modified using a high density of nanoaggregates at low concentration of dopamine. <i>RSC Advances</i> , 2016 , 6, 71905-71912	3.7	14
54	Preparation of graphene by exfoliating graphite in aqueous fulvic acid solution and its application in corrosion protection of aluminum. <i>Journal of Colloid and Interface Science</i> , 2019 , 543, 263-272	9.3	13
53	Quercetin/chitosan-graft-alpha lipoic acid micelles: A versatile antioxidant water dispersion with high stability. <i>Carbohydrate Polymers</i> , 2020 , 234, 115927	10.3	13
52	Self-assembly and paclitaxel loading capacity of βocopherol succinate-conjugated hydroxyethyl cellulose nanomicelle. <i>Colloid and Polymer Science</i> , 2016 , 294, 135-143	2.4	13
51	Carbon Nanotubes Reinforced Maleic Anhydride-Modified Xylan-g-Poly(N-isopropylacrylamide) Hydrogel with Multifunctional Properties. <i>Materials</i> , 2018 , 11,	3.5	13
50	Efficient catalytic conversion of dilute-oxalic acid pretreated bagasse hydrolysate to furfural using recyclable ironic phosphates catalysts. <i>Bioresource Technology</i> , 2019 , 290, 121764	11	13
49	Porous Cellulose Aerogels with High Mechanical Performance and their Absorption Behaviors. <i>BioResources</i> , 2015 , 11, 8-20	1.3	13
48	Green conversion of Ganoderma lucidum residues to electrode materials for supercapacitors. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	13
47	Modular Nanocomposite Films with Tunable Physical Organization of Cellulose Nanocrystals for Photonic Encryption. <i>Advanced Optical Materials</i> , 2020 , 8, 2000547	8.1	12
46	Fluorescent Lignin Carbon Dots for Reversible Responses to High-Valence Metal Ions and Its Bioapplications. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1543-1555	4	12
45	Clay nanosheet-mediated delivery of recombinant plasmids expressing artificial miRNAs via leaf spray to prevent infection by plant DNA viruses. <i>Horticulture Research</i> , 2020 , 7, 179	7.7	12
44	Preparation and the Electrochemical Performance of MnO ₂ /PANI@CNT Composite for Supercapacitors. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 709-14	1.3	11
43	Enhanced Activity and Durability of Nanosized Pt-SnO ₂ /IrO ₂ /CNTs Catalyst for Methanol Electrooxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3662-9	1.3	11
42	The effect of moist heat treatment on the characteristic of starch-based composite materials coating with chitosan. <i>Carbohydrate Polymers</i> , 2010 , 81, 554-559	10.3	11
41	A sandwich-like chitosan-based antibacterial nanocomposite film with reduced graphene oxide immobilized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2021 , 260, 117835	10.3	11

40	Xylan-Based Hydrogels as a Potential Carrier for Drug Delivery: Effect of Pore-Forming Agents. <i>Pharmaceutics</i> , 2018 , 10,	6.4	11
39	Ag nanowires functionalized cellulose textiles for supercapacitor and photothermal conversion. <i>Materials Letters</i> , 2017 , 189, 248-251	3.3	10
38	Self-Healable Poly(vinyl alcohol) Photonic Crystal Hydrogel. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2086-2092	4.2	10
37	Click chemistry to synthesize exfoliated xylan-g-quaternized chitosan/montmorillonite nanocomposites for retention and drainage-aid. <i>Carbohydrate Polymers</i> , 2019 , 224, 115197	10.3	9
36	Production and closed-loop recycling of biomass-based malleable materials. <i>Science China Materials</i> , 2020 , 63, 2071-2078	7.1	9
35	Full Solution-Processed Fabrication of Conductive Hybrid Paper Electrodes for Organic Optoelectronics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3392-3400	8.3	9
34	Self-assembly behavior and conformation of amphiphilic hemicellulose-graft-fatty acid micelles. <i>Carbohydrate Polymers</i> , 2021 , 261, 117886	10.3	9
33	Corncob Biorefinery for Platform Chemicals and Lignin Coproduction: Metal Chlorides as Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5309-5317	8.3	8
32	Graphene Oxide Encapsulating Liquid Metal to Toughen Hydrogel. <i>Advanced Functional Materials</i> , 2019 , 29, 2106761	11.6	8
31	MnO@Corncob Carbon Composite Electrode and All-Solid-State Supercapacitor with Improved Electrochemical Performance. <i>Materials</i> , 2019 , 12,	3.5	7
30	Chitosan-Assisted Crystallization and Film Forming of Perovskite Crystals through Biomineralization. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 893-9	4.5	7
29	Efficient Microwave-Assisted Hydrolysis of Microcrystalline Cellulose into Glucose Using New Carbon-Based Solid Catalysts. <i>Catalysis Letters</i> , 2020 , 150, 138-149	2.8	6
28	Interface Engineering on Cellulose-Based Flexible Electrode Enables High Mass Loading Wearable Supercapacitor with Ultrahigh Capacitance and Energy Density.. <i>Small</i> , 2021 , e2106356	11	6
27	Synthesis and Characterization of Cellulose-graft-poly(p-dioxanone) Copolymers via Homogeneous Ring-Opening Graft Polymerization in Ionic Liquids. <i>BioResources</i> , 2015 , 11,	1.3	5
26	Preparation of Long-Chain Fatty Acyl-Grafted Chitosan in an Ionic Liquid and Their Self-Assembled Micelles in Water. <i>Journal of Macromolecular Science - Physics</i> , 2012 , 51, 2483-2492	1.4	5
25	Designed biomass materials for green electronics: A review of materials, fabrications, devices, and perspectives. <i>Progress in Materials Science</i> , 2022 , 125, 100917	42.2	5
24	Production of Xylooligosaccharide, Nanolignin, and Nanocellulose through a Fractionation Strategy of Corncob for Biomass Valorization. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 17429-17439	3.0	5
23	Mussel-inspired adhesive hydrogels based on biomass-derived xylan and tannic acid cross-linked with acrylic acid with antioxidant and antibacterial properties. <i>Journal of Materials Science</i> , 2021 , 56, 14729-14740	4.3	5

22	Structural Features of Lignin Fractionated From Industrial Furfural Residue Using Alkaline Cooking Technology and Its Antioxidant Performance. <i>Frontiers in Energy Research</i> , 2020 , 8,	3.8	4
21	Thermal, Mechanical Properties and Rheological Behavior of Poly(Propylene Carbonate)/Poly(Ethylene Glycol)/Graphene Oxide Nanocomposites. <i>Journal of Polymers and the Environment</i> , 2019 , 27, 2201-2212	4.5	4
20	Surfactant-free aqueous RAFT polymerization of styrene in the presence of CaCO ₃ particles. <i>Polymer</i> , 2013 , 54, 614-622	3.9	4
19	Novel water-soluble chitosan derivatives/quantum dots nanocomposite: synthesis, characterization and photoluminescence properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6866-75	1.3	4
18	Progress on chemical modification of cellulose in green solvents. <i>Polymer Chemistry</i> , 2022 , 13, 359-372	4.9	4
17	B \ddot{u} stedt acid-driven conversion of glucose to xylose, arabinose and formic acid via selective C \ddot{u} cleavage. <i>Applied Catalysis B: Environmental</i> , 2021 , 286, 119862	21.8	4
16	Preparation of fluorescent core/shell nanoparticles from amphiphilic cellulose-based copolymers for tumor cell imaging. <i>Journal of Controlled Release</i> , 2015 , 213, e132	11.7	3
15	Morphology and thermal properties of nylon copolymers containing dimer acid, adipic acid, and hexamethylenediamine. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 2511-2516	2.9	3
14	Enhancing the Mechanical Performance of Reduced Graphene Oxide Aerogel with Cellulose Nanofibers. <i>ChemNanoMat</i> , 2021 , 7, 950-957	3.5	3
13	Truxene-based covalent organic polyhedrons constructed through alkyne metathesis. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4723-4729	5.2	3
12	One-Step Synthesis of Quadrilateral-Shaped Silver Nanoplates with Lamellar Structures Tuned by Amylopectin Derivatives. <i>ACS Omega</i> , 2018 , 3, 6841-6848	3.9	3
11	Effect of intercalating agents on structure and properties of dimer acid-based polyamide modified by in situ doping of Na-montmorillonite. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 1030-1037	3.2	2
10	Preparation and Characterization of TiO ₂ Nanowires Modified Organically with Coupling Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 4870-4876	1.3	2
9	Well-defined structures and nanoscale morphology for all-conjugated BCPs. <i>Micro and Nano Letters</i> , 2019 , 14, 928-931	0.9	1
8	Inhibition of Amphiphilic N-Alkyl-O-carboxymethyl Chitosan Derivatives on. <i>BioMed Research International</i> , 2018 , 2018, 5236324	3	1
7	Study on structure and properties of dimer acid-based polyamide nylon modified by situ doping of Na-Montmorillonite. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 1184-1190	0.8	1
6	3D Hollow Xerogels with Ordered Cellulose Nanocrystals for Tailored Mechanical Properties. <i>Small</i> , 2021 , 17, e2104702	11	1
5	A Truxenone-based Covalent Organic Framework as an All-Solid-State Lithium-Ion Battery Cathode with High Capacity. <i>Angewandte Chemie</i> , 2020 , 132, 20565-20569	3.6	1

4	Fluorescent chiral liquid-crystalline networks with dual-mode temperature response. <i>Liquid Crystals</i> , 2021 , 48, 1087-1094	2.3	1
3	Green Fabrication of Highly Conductive Paper Electrodes via Interface Engineering with Aminocellulose. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000499	4.8	1
2	Toward scalable fabrication of electrochemical paper sensor without surface functionalization. <i>Npj Flexible Electronics</i> , 2022 , 6,	10.7	1
1	Thermo-processable chitosan-based plastic substitute with self-adaptiveness and closed-loop recyclability. <i>Carbohydrate Polymers</i> , 2022 , 291, 119479	10.3	0