

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3043410/jinyou-lin-publications-by-citations.pdf>
Version: 2024-04-10

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.

50 papers	2,202 citations	24 h-index	46 g-index
50 ext. papers	2,463 ext. citations	7.1 avg, IF	5.08 L-index

#	Paper	IF	Citations
50	Direct fabrication of highly nanoporous polystyrene fibers via electrospinning. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 521-8	9.5	227
49	Nanoporous polystyrene fibers for oil spill cleanup. <i>Marine Pollution Bulletin</i> , 2012 , 64, 347-52	6.7	221
48	Subtle regulation of the micro- and nanostructures of electrospun polystyrene fibers and their application in oil absorption. <i>Nanoscale</i> , 2012 , 4, 176-82	7.7	168
47	Fabrication of biomimetic superhydrophobic surfaces inspired by lotus leaf and silver ragwort leaf. <i>Nanoscale</i> , 2011 , 3, 1258-62	7.7	160
46	Co-axial electrospun polystyrene/polyurethane fibres for oil collection from water surface. <i>Nanoscale</i> , 2013 , 5, 2745-55	7.7	120
45	Facile control of intra-fiber porosity and inter-fiber voids in electrospun fibers for selective adsorption. <i>Nanoscale</i> , 2012 , 4, 5316-20	7.7	95
44	Enhanced Mechanical Properties of Superhydrophobic Microfibrous Polystyrene Mats via Polyamide 6 Nanofibers. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 20452-20457	3.8	92
43	Biomimicry via Electrospinning. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2012 , 37, 94-114	10.1	84
42	Utilization of discarded crop straw to produce cellulose nanofibrils and their assemblies. <i>Journal of Bioresources and Bioproducts</i> , 2020 , 5, 26-36	18.7	79
41	One-step electro-spinning/netting technique for controllably preparing polyurethane nano-fiber/net. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1729-34	4.8	71
40	Pectin/lysozyme bilayers layer-by-layer deposited cellulose nanofibrous mats for antibacterial application. <i>Carbohydrate Polymers</i> , 2015 , 117, 687-693	10.3	69
39	Nanoporous polystyrene fibers functionalized by polyethyleneimine for enhanced formaldehyde sensing. <i>Sensors and Actuators B: Chemical</i> , 2011 , 152, 316-323	8.5	67
38	Cellulose nanofibrils generated from jute fibers with tunable polymorphs and crystallinity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6402	13	61
37	Nanoparticle decorated fibrous silica membranes exhibiting biomimetic superhydrophobicity and highly flexible properties. <i>RSC Advances</i> , 2011 , 1, 1482	3.7	61
36	Investigation of silica nanoparticle distribution in nanoporous polystyrene fibers. <i>Soft Matter</i> , 2011 , 7, 8376	3.6	59
35	Cellulose nanofibrils aerogels generated from jute fibers. <i>Carbohydrate Polymers</i> , 2014 , 109, 35-43	10.3	55
34	Cellulose nanofibrils extracted from the byproduct of cotton plant. <i>Carbohydrate Polymers</i> , 2016 , 136, 841-50	10.3	50

33	Enhanced mechanical and hydrophobic properties of polyimide fibers containing benzimidazole and benzoxazole units. <i>European Polymer Journal</i> , 2015 , 67, 88-98	5.2	46
32	Strain-induced crystallization of polyimide fibers containing 2-(4-aminophenyl)-5-aminobenzimidazole moiety. <i>Polymer</i> , 2015 , 75, 178-186	3.9	44
31	Structure and properties of novel regenerated cellulose fibers prepared in NaOH complex solution. <i>Carbohydrate Polymers</i> , 2013 , 98, 1031-8	10.3	28
30	Three-dimensional sensing membrane functionalized quartz crystal microbalance biosensor for chloramphenicol detection in real time. <i>Sensors and Actuators B: Chemical</i> , 2011 , 160, 428-434	8.5	28
29	New Insights into the Correlation between Morphology, Excited State Dynamics, and Device Performance of Small Molecule Organic Solar Cells. <i>Advanced Energy Materials</i> , 2016 , 6, 1600961	21.8	27
28	A hierarchical and gradient structured supersorbent comprising three-dimensional interconnected porous fibers for efficient oil spillage cleanup. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9635-9643	13	25
27	Structure and properties of polyimide fibers containing benzimidazole and Amide Units. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 183-191	2.6	25
26	Evolution of the microstructure and morphology of polyimide fibers during heat-drawing process. <i>RSC Advances</i> , 2014 , 4, 44666-44673	3.7	24
25	Surface modified electrospun poly(lactic acid) fibrous scaffold with cellulose nanofibrils and Ag nanoparticles for ocular cell proliferation and antimicrobial application. <i>Materials Science and Engineering C</i> , 2020 , 111, 110767	8.3	22
24	Mechanical robust and thermal tolerant nanofibrous membrane for nanoparticles removal from aqueous solution. <i>Materials Letters</i> , 2012 , 69, 82-85	3.3	21
23	Improving waterproof/breathable performance of electrospun poly(vinylidene fluoride) fibrous membranes by thermo-pressing. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018 , 56, 36-45	2.6	19
22	Tuning the mechanical properties of cellulose nanofibrils reinforced polyvinyl alcohol composites via altering the cellulose polymorphs. <i>RSC Advances</i> , 2016 , 6, 83356-83365	3.7	19
21	Effect of electric field on the morphology and mechanical properties of electrospun fibers. <i>RSC Advances</i> , 2016 , 6, 50666-50672	3.7	15
20	Lamellae evolution of poly(butylene succinate-co-terephthalate) copolymer induced by uniaxial stretching and subsequent heating. <i>RSC Advances</i> , 2014 , 4, 64625-64633	3.7	14
19	Bioinspired Thermoresponsive Photonic Polymers with Hierarchical Structures and Their Unique Properties. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 1722-8	4.8	13
18	Electric field distribution and initial jet motion induced by spinneret configuration for molecular orientation in electrospun fibers. <i>European Polymer Journal</i> , 2018 , 98, 330-336	5.2	13
17	Hierarchically Structured Nanocellulose-Implanted Air Filters for High-Efficiency Particulate Matter Removal. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 12408-12416	9.5	11
16	Coiled Plant Tendril Bioinspired Fabrication of Helical Porous Microfibers for Crude Oil Cleanup. <i>Global Challenges</i> , 2017 , 1, 1600021	4.3	10

15	In situ polymerization of biodegradable poly(butylene-co-succinate terephthalate) nanocomposites and their real-time tracking of microstructure. <i>Composites Science and Technology</i> , 2015 , 117, 121-129	8.6	8
14	Layer-by-layer self-assembly of aramid nanofibers on nonwoven fabric for liquid filtration. <i>Polymer Composites</i> , 2018 , 39, 2411-2419	3	8
13	Facile synthesis of robust amphiphobic nanofibrous membranes. <i>Applied Surface Science</i> , 2013 , 276, 750-755	7.55	8
12	Synchronous stimuli of biodegradable poly(butylene succinate-co-terephthalate) copolymer via uniaxial stretching at varying temperatures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 640-649	2.6	6
11	Characterization of Closed Pores in Longmaxi Shale by Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021 , 35, 6738-6754	4.1	5
10	Flow Analysis of Regenerated Silk Fibroin/Cellulose Nanofiber Suspensions via a Bioinspired Microfluidic Chip. <i>Advanced Materials Technologies</i> , 2021 , 6, 2100124	6.8	5
9	An evolved bio-based 2,5-furandicarboxylate copolyester fiber from poly(ethylene terephthalate). <i>Journal of Polymer Science</i> , 2020 , 58, 320-329	2.4	4
8	Facile and quick formation of cellulose nanopaper with nanoparticles and its characterization. <i>Carbohydrate Polymers</i> , 2019 , 221, 195-201	10.3	3
7	Isolation of hierarchical cellulose building blocks from natural flax fibers as a separation membrane barrier. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 666-673	7.9	3
6	Insight into levofloxacin loaded biocompatible electrospun scaffolds for their potential as conjunctival substitutes. <i>Carbohydrate Polymers</i> , 2021 , 269, 118341	10.3	3
5	A biodegradable composite filter made from electrospun zein fibers underlaid on the cellulose paper towel.. <i>International Journal of Biological Macromolecules</i> , 2022 , 204, 419-428	7.9	2
4	A tunable alkaline/oxidative process for cellulose nanofibrils exhibiting different morphological, crystalline properties. <i>Carbohydrate Polymers</i> , 2021 , 259, 117755	10.3	2
3	An ultralow base weight of nanocellulose boosting filtration performance of hierarchical composite air filter inspired by native spider web. <i>Composites Part B: Engineering</i> , 2021 , 226, 109342	10	1
2	Controllable Generation of Renewable Nanofibrils from Green Materials and Their Application in Nanocomposites	61-1	18
1	Micro-fluid through aramid/cellulose nanocomposite membranes and its filtration efficiency. <i>Thermal Science</i> , 2018 , 22, 1691-1697	1.2	