

Xunda Feng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3758109/xunda-feng-publications-by-year.pdf>

Version: 2024-04-28

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.

30
papers

1,078
citations

17
h-index

30
g-index

30
ext. papers

1,304
ext. citations

9.8
avg, IF

4.44
L-index

#	Paper	IF	Citations
30	Tunable organic solvent nanofiltration in self-assembled membranes at the sub-1 nm scale.. <i>Science Advances</i> , 2022 , 8, eabm5899	14.3	0
29	Increasing donor-acceptor spacing for reduced voltage loss in organic solar cells. <i>Nature Communications</i> , 2021 , 12, 6679	17.4	7
28	Rapid Fabrication by Lyotropic Self-Assembly of Thin Nanofiltration Membranes with Uniform 1 Nanometer Pores. <i>ACS Nano</i> , 2021 , 15, 8192-8203	16.7	13
27	Highly Ordered Interconnected 1 nm Pores in Polymers Fabricated from Easily Accessible Gyroid Liquid Crystals. <i>Macromolecules</i> , 2021 , 54, 5856-5865	5.5	1
26	Nanoscale Thickness Control of Nanoporous Films Derived from Directionally Photopolymerized Mesophases. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001977	4.6	4
25	Relating Selectivity and Separation Performance of Lamellar Two-Dimensional Molybdenum Disulfide (MoS) Membranes to Nanosheet Stacking Behavior. <i>Environmental Science & Technology</i> , 2020 , 54, 9640-9651	10.3	31
24	Single crystal texture by directed molecular self-assembly along dual axes. <i>Nature Materials</i> , 2019 , 18, 1235-1243	27	21
23	Tuning the permselectivity of polymeric desalination membranes via control of polymer crystallite size. <i>Nature Communications</i> , 2019 , 10, 2347	17.4	29
22	Precise nanofiltration in a fouling-resistant self-assembled membrane with water-continuous transport pathways. <i>Science Advances</i> , 2019 , 5, eaav9308	14.3	44
21	Understanding the Nanoscale Structure of Inverted Hexagonal Phase Lyotropic Liquid Crystal Polymer Membranes. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 289-309	3.4	8
20	Directed Assembly of Hybrid Nanomaterials and Nanocomposites. <i>Advanced Materials</i> , 2018 , 30, e1705794	24	52
19	Fabrication of a Desalination Membrane with Enhanced Microbial Resistance through Vertical Alignment of Graphene Oxide. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 614-620	11	24
18	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8493-8497	16.4	57
17	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. <i>Angewandte Chemie</i> , 2018 , 130, 8629-8633	3.6	9
16	Highly Selective Vertically Aligned Nanopores in Sustainably Derived Polymer Membranes by Molecular Templating. <i>ACS Nano</i> , 2017 , 11, 3911-3921	16.7	64
15	Enhanced antibacterial activity through the controlled alignment of graphene oxide nanosheets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9793-E9801	11.5	215
14	Controlling orientational order in block copolymers using low-intensity magnetic fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9437-E9444	11.5	31

13	Polymer Nanosheets from Supramolecular Assemblies of Conjugated Linoleic Acid-High Surface Area Adsorbents from Renewable Materials. <i>Langmuir</i> , 2017 , 33, 10690-10697	4	6
12	Thin Polymer Films with Continuous Vertically Aligned 1 nm Pores Fabricated by Soft Confinement. <i>ACS Nano</i> , 2016 , 10, 150-8	16.7	77
11	Scalable fabrication of polymer membranes with vertically aligned 1 nm pores by magnetic field directed self-assembly. <i>ACS Nano</i> , 2014 , 8, 11977-86	16.7	155
10	AFM study of Gibbs films of semifluorinated alkanes at liquid crystal/air interfaces. <i>ChemPhysChem</i> , 2013 , 14, 1801-5	3.2	8
9	Polymer nanofibers by controllable infiltration of vapour swollen polymers into cylindrical nanopores. <i>Soft Matter</i> , 2013 , 9, 945-951	3.6	39
8	Swelling of block copolymer nanoparticles: a process combining deformation and phase separation. <i>Langmuir</i> , 2013 , 29, 4640-6	4	25
7	Surface ordering and anchoring behaviour at liquid crystal surfaces laden with semifluorinated alkane molecules. <i>Soft Matter</i> , 2012 , 8, 9661	3.6	10
6	Fabrication of Polymer Nanospheres Based on Rayleigh Instability in Capillary Channels. <i>Macromolecules</i> , 2011 , 44, 1615-1620	5.5	49
5	Wettability transition induced transformation and entrapment of polymer nanostructures in cylindrical nanopores. <i>Langmuir</i> , 2011 , 27, 14240-7	4	16
4	Surface order at surfactant-laden interfaces between isotropic liquid crystals and liquid phases with different polarity. <i>Physical Review E</i> , 2011 , 84, 031701	2.4	4
3	A biocompatible chitosan composite containing phosphotungstic acid modified single-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 7126-9	1.3	8
2	Carbon-nanotube-assisted high loading and controlled release of polyoxometalates in biodegradable multilayer thin films. <i>Nanotechnology</i> , 2009 , 20, 105101	3.4	21
1	Spontaneous Formation of Nanoscale Polymer Spheres, Capsules, or Rods by Evaporation of Polymer Solutions in Cylindrical Alumina Nanopores. <i>Macromolecules</i> , 2009 , 42, 569-572	5.5	50