

Zhimei Wei

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

182
citations

1163117

8
h-index

1058476

14
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15
docs citations

15
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance filter membrane composed of oxidized Poly (arylene sulfide sulfone) nanofibers for the high-efficiency air filtration. Journal of Hazardous Materials, 2021, 417, 126033.	12.4	38
2	Electrospun antibacterial nanofibers for wound dressings and tissue medicinal fields: A Review. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	25
3	Novel PNIPAm-based electrospun nanoï-bres used directly as a drug carrier for â€œon-offâ€•switchable drug release. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110347.	5.0	21
4	Fabrication of novel dual thermo- and pH-sensitive poly (N-isopropylacrylamide-N-methylolacrylamide-acrylic acid) electrospun ultrafine fibres for controlled drug release. Materials Science and Engineering C, 2020, 115, 111050.	7.3	19
5	Multilevel structured PASS nanofiber filter with outstanding thermal stability and excellent mechanical property for high-efficiency particulate matter removal. Journal of Hazardous Materials, 2022, 431, 128514.	12.4	14
6	Electrospun composite membrane based on polyarylene sulfide sulfone/Ag/ <sc>ZnO</sc> nanofibers for antibacterial effective <sc>PM₂</sc><sc>PM_{2.5}</sc> filtration. Journal of Applied Polymer Science, 2022, 139, 51693.	2.6	12
7	Nanofiber Air Filters with High-Temperature Stability and Superior Chemical Resistance for the High-Efficiency PM2.5 Removal. Industrial & Engineering Chemistry Research, 2021, 60, 9971-9982.	3.7	10
8	High-Throughput Recognition of Tumor Cells Using Label-Free Elemental Characteristics Based on Interpretable Deep Learning. Analytical Chemistry, 2022, 94, 3158-3164.	6.5	10
9	Solventâ€resistant polymeric microfiltration membranes based on oxidized electrospun poly(arylene) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	9
10	A high Cr (<sc>VI</sc>) absorption efficiency and easy recovery adsorbent: Electrospun polyethersulfone/polydopamine nanofibers. Journal of Applied Polymer Science, 2021, 138, 50642.	2.6	7
11	Improvements on electrical conductivity of the electrospun microfibers using the silver nanoparticles. Journal of Applied Polymer Science, 2020, 137, 48788.	2.6	5
12	Release characteristics and processing-structure-performance relationship of electro-spinning curcumin-loaded polyethersulfone based porous ultrafine fibers. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1825-1838.	3.5	4
13	Construction of porous poly (aryl sulfide sulfone) film with low dielectric constant and excellent mechanical property. Journal of Applied Polymer Science, 0, , 52168.	2.6	3
14	Construction of solvent resistance <sc>Oâ€PASS</sc>@<sc>UiOâ€66â€NH₂</sc>/<sc>Oâ€PASS</sc> composite membrane for 2.6 methylene blue removal. Journal of Applied Polymer Science, 2022, 139, .	2.6	3
15	Release characteristics of different diameter ultrafine fibers as antibacterial materials. Journal of Innovative Optical Health Sciences, 2021, 14, .	1.0	2