

Fan Kai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3955027/publications.pdf>

Version: 2024-02-01

14
papers

140
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	pH and thermal-dependent ultrafiltration membranes prepared from poly (methacrylic acid) grafted onto polyethersulfone synthesized by simultaneous irradiation in homogenous phase. Journal of Membrane Science, 2017, 543, 335-341.	8.2	24
2	Reduced Atmospheric Ion Escape Above Martian Crustal Magnetic Fields. Geophysical Research Letters, 2019, 46, 11764-11772.	4.0	16
3	Self-luminescent PVDF membrane hybrid with rare earth nanoparticles for real-time fouling indication. Journal of Membrane Science, 2020, 606, 118123.	8.2	14
4	Anti-fouling and protein separation of PVDF-g-PMAA@MnO ₂ filtration membrane with in-situ grown MnO ₂ nanorods. Chemosphere, 2022, 286, 131756.	8.2	13
5	Preparation of Filtration Membrane by Grafting of Poly(N-vinylpyrrolidone) onto Polyethersulfone and Its Influence on Pollution Resistance of Membrane. Polymer Science - Series B, 2020, 62, 550-559.	0.8	12
6	pH-sensitive microfiltration membrane prepared from polyethersulfone grafted with poly(itaconic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2018, 78, 602-610.	2.5	11
7	A facile approach to fabricate few-layer chemically modified and reduced graphene oxide sheets: Combination of stitching, reduction and functionalization. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 30-37.	2.1	10
8	The Relationship Between Photoelectron Boundary and Steep Electron Density Gradient on Mars: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 8015-8022.	2.4	10
9	Deflection of Global Ion Flow by the Martian Crustal Magnetic Fields. Astrophysical Journal Letters, 2020, 898, L54.	8.3	10
10	The solar wind plasma upstream of Mars observed by Tianwen-1: Comparison with Mars Express and MAVEN. Science China Earth Sciences, 2022, 65, 759-768.	5.2	10
11	Functionalization of multi-walled carbon nanotubes and its application in preparing the 3D graphene/carbon nanotubes hybrid architectures. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 226-231.	2.1	4
12	Fabrication of polyacrylamide-carbon nanotubes by One-Step Radiation-Induced Graft Polymerization. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 12-15.	2.1	3
13	Preparation of 3D porous graphene fibrous materials via thermal expansion method with open flame treatment. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 991-997.	2.1	2
14	Removal of Cerium from Wastewater Based on Polymer-Enhanced Ultrafiltration Technology through Polyethersulfone-g-Poly(N-vinyl-2-pyrrolidone) Modified Membrane. Polymer Science - Series A, 2022, 64, 541-548.	1.0	1