

Jing Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3076562/publications.pdf>

Version: 2024-02-01

15
papers

917
citations

687363

13
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile construction of polyzwitterion membrane via assembly of graphene oxide-based core-brush nanosheet for high-efficiency water permeation. <i>Journal of Membrane Science</i> , 2022, 644, 120150.	8.2	10
2	Exclusive and fast water channels in zwitterionic graphene oxide membrane for efficient water-ethanol separation. <i>AIChE Journal</i> , 2021, 67, e17215.	3.6	24
3	Designing highly selective and stable water transport channel through graphene oxide membranes functionalized with polyhedral oligomeric silsesquioxane for ethanol dehydration. <i>Journal of Membrane Science</i> , 2021, 638, 119675.	8.2	14
4	Two-Dimensional-Material Membranes: Manipulating the Transport Pathway for Molecular Separation. <i>Accounts of Materials Research</i> , 2021, 2, 114-128.	11.7	89
5	Ultrafast water-selective permeation through graphene oxide membrane with water transport promoters. <i>AIChE Journal</i> , 2020, 66, e16812.	3.6	44
6	Synergistic CO ₂ Sieving from Polymer with Intrinsic Microporosity Masking Nanoporous Single-Layer Graphene. <i>Advanced Functional Materials</i> , 2020, 30, 2003979.	14.9	43
7	Hydrogen sieving from intrinsic defects of benzene-derived single-layer graphene. <i>Carbon</i> , 2019, 153, 458-466.	10.3	40
8	Ultrathin Membranes with a Polymer/Nanofiber Interpenetrated Structure for High-Efficiency Liquid Separations. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36717-36726.	8.0	21
9	Etching gas-sieving nanopores in single-layer graphene with an angstrom precision for high-performance gas mixture separation. <i>Science Advances</i> , 2019, 5, eaav1851.	10.3	151
10	High-Performance CO ₂ Capture through Polymer-Based Ultrathin Membranes. <i>Advanced Functional Materials</i> , 2019, 29, 1900735.	14.9	70
11	Manipulation of interactions at membrane interfaces for energy and environmental applications. <i>Progress in Polymer Science</i> , 2018, 80, 125-152.	24.7	56
12	Facilitated water-selective permeation via PEGylation of graphene oxide membrane. <i>Journal of Membrane Science</i> , 2018, 567, 311-320.	8.2	49
13	Single-layer graphene membranes by crack-free transfer for gas mixture separation. <i>Nature Communications</i> , 2018, 9, 2632.	12.8	160
14	Precisely Controlling Nanochannels of Graphene Oxide Membranes through Lignin-Based Cation Decoration for Dehydration of Biofuels. <i>ChemSusChem</i> , 2018, 11, 2315-2320.	6.8	33
15	Incorporating Zwitterionic Graphene Oxides into Sodium Alginate Membrane for Efficient Water/Alcohol Separation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2097-2103.	8.0	113