

Guozhen Liu

List of Publications by Year in descending order

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20
papers

1,557
citations

516710

16
h-index

752698

20
g-index

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all docs

20
docs citations

20
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional MXene hollow fiber membrane for divalent ions exclusion from water. Chinese Journal of Chemical Engineering, 2022, 41, 260-266.	3.5	12
2	<scp>UTSA</scp>â€280 metalâ€organic framework incorporated <scp>6FDA</scp>â€polyimide mixedâ€matrix membranes for ethylene/ethane separation. AIChE Journal, 2022, 68, .	3.6	17
3	Methanol/dimethyl carbonate separation using graphene oxide membrane via cationic control of molecular transport channels. Journal of Membrane Science, 2022, 650, 120457.	8.2	11
4	Efficient separation of methanol/dimethyl carbonate mixtures by UiO-66 MOF incorporated chitosan mixed-matrix membrane. Journal of Membrane Science, 2022, 652, 120473.	8.2	20
5	Exclusive and fast water channels in zwitterionic graphene oxide membrane for efficient waterâ€ethanol separation. AIChE Journal, 2021, 67, e17215.	3.6	24
6	Fabrication of surface-charged MXene membrane and its application for water desalination. Journal of Membrane Science, 2021, 623, 119076.	8.2	95
7	MILâ€101(Cr) Microporous Nanocrystals Intercalating Graphene Oxide Membrane for Efficient Hydrogen Purification. Chemistry - an Asian Journal, 2021, 16, 3162-3169.	3.3	11
8	Designing highly selective and stable water transport channel through graphene oxide membranes functionalized with polyhedral oligomeric silsesquioxane for ethanol dehydration. Journal of Membrane Science, 2021, 638, 119675.	8.2	14
9	Pebaxâ€Based Membrane Filled with Twoâ€Dimensional Mxene Nanosheets for Efficient CO₂ Capture. Chemistry - an Asian Journal, 2020, 15, 2364-2370.	3.3	72
10	Molecular Bridges Stabilize Graphene Oxide Membranes in Water. Angewandte Chemie - International Edition, 2020, 59, 1689-1695.	13.8	166
11	Molecular Bridges Stabilize Graphene Oxide Membranes in Water. Angewandte Chemie, 2020, 132, 1706-1712.	2.0	17
12	Polyelectrolyte Functionalized Ti₂CT_x MXene Membranes for Pervaporation Dehydration of Isopropanol/Water Mixtures. Industrial & Engineering Chemistry Research, 2020, 59, 4732-4741.	3.7	63
13	Adjustable interlayer spacing of ultrathin MXene-derived membranes for ion rejection. Journal of Membrane Science, 2019, 591, 117350.	8.2	88
14	Ultrathin Membranes with a Polymer/Nanofiber Interpenetrated Structure for High-Efficiency Liquid Separations. ACS Applied Materials & Interfaces, 2019, 11, 36717-36726.	8.0	21
15	Cation-diffusion controlled formation of thin graphene oxide composite membranes for efficient ethanol dehydration. Science China Materials, 2019, 62, 925-935.	6.3	26
16	Two-dimensional Ti₂CT_x MXene membranes with integrated and ordered nanochannels for efficient solvent dehydration. Journal of Materials Chemistry A, 2019, 7, 12095-12104.	10.3	96
17	Ultrathin two-dimensional MXene membrane for pervaporation desalination. Journal of Membrane Science, 2018, 548, 548-558.	8.2	295
18	Two-dimensional MXene incorporated chitosan mixed-matrix membranes for efficient solvent dehydration. Journal of Membrane Science, 2018, 563, 625-632.	8.2	135

#	ARTICLE	IF	CITATIONS
19	Tunable dextran retention of MXene-TiO ₂ mesoporous membranes by adjusting the 2D MXene content. 2D Materials, 2018, 5, 045003.	4.4	42
20	2D MXene Nanofilms with Tunable Gas Transport Channels. Advanced Functional Materials, 2018, 28, 1801511.	14.9	332