

# Xueqin Li

## List of Publications by Year in descending order

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39  
papers

2,424  
citations

331538

21  
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315616

38  
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39  
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39  
docs citations

39  
times ranked

2079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyethyleneimine modified heterostructure porous polymer microspheres for efficient adsorption of acetoside. <i>Journal of Molecular Liquids</i> , 2022, 347, 118253.	2.3	11
2	Mesoporous polystyrene-based microspheres with polar functional surface groups synthesized from double emulsion for selective isolation of acetoside. <i>Journal of Chromatography A</i> , 2022, 1662, 462720.	1.8	7
3	Tailoring physical and chemical microenvironments by polyether-amine in blended membranes for efficient CO <sub>2</sub> separation. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 475-483.	1.2	12
4	Ultrathin Ni-Co nanosheets with disparate-CO <sub>2</sub> -affinity nanodomains in membranes to improve gas separation. <i>Separation and Purification Technology</i> , 2022, 292, 121024.	3.9	9
5	Mixed matrix membranes containing composite nanosheets with three-dimensional nanopores for efficient CO <sub>2</sub> separation. <i>International Journal of Greenhouse Gas Control</i> , 2022, 117, 103658.	2.3	9
6	Mixed matrix membrane containing metal oxide nanosheets for efficient CO <sub>2</sub> separation. <i>Green Chemical Engineering</i> , 2021, 2, 132-143.	3.3	20
7	Highly selective separation of acetoside from <i>Cistanche tubulosa</i> using an ionic liquid based aqueous two-phase system. <i>Journal of Molecular Liquids</i> , 2021, 333, 115982.	2.3	15
8	Mixed matrix membranes comprising dual-facilitated bio-inspired filler for enhancing CO <sub>2</sub> separation. <i>Separation and Purification Technology</i> , 2021, 276, 119347.	3.9	20
9	Design and Preparation of Molecularly Imprinted Membranes for Selective Separation of Acteoside. <i>Frontiers in Chemistry</i> , 2020, 8, 775.	1.8	8
10	Optimizing microstructure of polymer composite membranes by tailoring different ionic liquids to accelerate CO <sub>2</sub> transport. <i>International Journal of Greenhouse Gas Control</i> , 2020, 101, 103136.	2.3	15
11	Ionic liquid-decorated nanocages for cooperative CO <sub>2</sub> transport in mixed matrix membranes. <i>Separation and Purification Technology</i> , 2020, 239, 116539.	3.9	35
12	Introducing hydrophilic ultra-thin ZIF-L into mixed matrix membranes for CO <sub>2</sub> /CH <sub>4</sub> separation. <i>RSC Advances</i> , 2019, 9, 23390-23399.	1.7	36
13	Constructing Unique Cross-Sectional Structured Mixed Matrix Membranes by Incorporating Ultrathin Microporous Nanosheets for Efficient CO <sub>2</sub> Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 24618-24626.	4.0	69
14	Extraction of Phenylethanoid Glycosides from <i>Cistanche tubulosa</i> by High-Speed Shearing Homogenization Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 63-68.	0.7	12
15	Highly Efficient Adsorption of Phenylethanoid Glycosides on Mesoporous Carbon. <i>Frontiers in Chemistry</i> , 2019, 7, 781.	1.8	13
16	Incorporating the magnetic alignment of GO composites into Pebax matrix for gas separation. <i>Journal of Energy Chemistry</i> , 2019, 31, 1-10.	7.1	55
17	Selective Adsorption and Purification of the Acteoside in <i>Cistanche tubulosa</i> by Molecularly Imprinted Polymers. <i>Frontiers in Chemistry</i> , 2019, 7, 903.	1.8	13
18	Mixed matrix membranes with fast and selective transport pathways for efficient CO <sub>2</sub> separation. <i>Nanotechnology</i> , 2018, 29, 125706.	1.3	31

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19	Improving CO <sub>2</sub> separation performance by incorporating MWCNTs@mSiO <sub>2</sub> core@shell filler in mixed matrix membranes. <i>Polymer Composites</i> , 2018, 39, 4486-4495.	2.3	18
20	Block copolymer membranes based on polyetheramine and methyl-containing polyisophthalamides designed for efficient CO <sub>2</sub> separation. <i>High Performance Polymers</i> , 2018, 30, 1064-1074.	0.8	6
21	Facilitating CO <sub>2</sub> Transport Across Mixed Matrix Membranes Containing Multifunctional Nanocapsules. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43031-43039.	4.0	29
22	Efficient CO <sub>2</sub> separation in mixed matrix membranes with a hierarchical pore carbon nanostructure. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1347-1355.	0.8	9
23	Facilitated transport membranes with an amino acid salt for highly efficient CO <sub>2</sub> separation. <i>International Journal of Greenhouse Gas Control</i> , 2018, 78, 85-93.	2.3	42
24	Channel-facilitated molecule and ion transport across polymer composite membranes. <i>Chemical Society Reviews</i> , 2017, 46, 6725-6745.	18.7	90
25	Pebax/polydopamine microsphere mixed matrix membranes for efficient CO <sub>2</sub> separation. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	8
26	Initial-Data-Parameterized linear quadratic stochastic optimal control problems with random jumps. , 2017, , .		0
27	Advances in high permeability polymer-based membrane materials for CO <sub>2</sub> separations. <i>Energy and Environmental Science</i> , 2016, 9, 1863-1890.	15.6	612
28	Mixed-Matrix Membranes Containing Carbon Nanotubes Composite with Hydrogel for Efficient CO <sub>2</sub> Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29044-29051.	4.0	111
29	High-performance SPEEK/amino acid salt membranes for CO <sub>2</sub> separation. <i>RSC Advances</i> , 2016, 6, 2252-2258.	1.7	22
30	Constructing CO <sub>2</sub> transport passageways in Matrimid® membranes using nanohydrogels for efficient carbon capture. <i>Journal of Membrane Science</i> , 2015, 474, 156-166.	4.1	45
31	Synergistic effect of combining carbon nanotubes and graphene oxide in mixed matrix membranes for efficient CO <sub>2</sub> separation. <i>Journal of Membrane Science</i> , 2015, 479, 1-10.	4.1	219
32	Efficient CO <sub>2</sub> Capture by Functionalized Graphene Oxide Nanosheets as Fillers To Fabricate Multi-Permselective Mixed Matrix Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5528-5537.	4.0	305
33	Non-mercury catalytic acetylene hydrochlorination over bimetallic Au/Ba(AC) catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 1870-1877.	2.1	65
34	Anionic surfactant-doped Pebax membrane with optimal free volume characteristics for efficient CO <sub>2</sub> separation. <i>Journal of Membrane Science</i> , 2015, 493, 460-469.	4.1	34
35	High-performance composite membranes incorporated with carboxylic acid nanogels for CO <sub>2</sub> separation. <i>Journal of Membrane Science</i> , 2015, 495, 72-80.	4.1	65
36	Enhanced CO <sub>2</sub> separation properties by incorporating poly(ethylene glycol)-containing polymeric submicrospheres into polyimide membrane. <i>Journal of Membrane Science</i> , 2015, 473, 310-317.	4.1	47

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37	Facilitated transport mixed matrix membranes incorporated with amine functionalized MCM-41 for enhanced gas separation properties. <i>Journal of Membrane Science</i> , 2014, 465, 78-90.	4.1	196
38	SPEEK/amine-functionalized TiO <sub>2</sub> submicrospheres mixed matrix membranes for CO <sub>2</sub> separation. <i>Journal of Membrane Science</i> , 2014, 467, 23-35.	4.1	84
39	Extraction of glabridin using imidazolium-based ionic liquids. <i>Separation and Purification Technology</i> , 2012, 88, 146-150.	3.9	27