Moon Joo Lee

List of Publications by Year
in descending order

11 papers	1,488 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	1491 citing authors

#	Article	IF	Citations
1	MOF-Based Membranes for Gas Separations. Chemical Reviews, 2020, 120, 8161-8266.	47.7	755
2	Highâ€Flux Zeolitic Imidazolate Framework Membranes for Propylene/Propane Separation by Postsynthetic Linker Exchange. Angewandte Chemie - International Edition, 2018, 57, 156-161.	13.8	143
3	Thermally Rearranged Poly(benzoxazole-co-imide) Membranes with Superior Mechanical Strength for Gas Separation Obtained by Tuning Chain Rigidity. Macromolecules, 2015, 48, 2194-2202.	4.8	98
4	Ultrathin zeolitic-imidazolate framework ZIF-8 membranes on polymeric hollow fibers for propylene/propane separation. Journal of Membrane Science, 2018, 559, 28-34.	8.2	94
5	Mechanically Tough, Thermally Rearranged (TR) Random/Block Poly(benzoxazole-co-imide) Gas Separation Membranes. Macromolecules, 2015, 48, 5286-5299.	4.8	78
6	Effect of Isomerism on Molecular Packing and Gas Transport Properties of Poly(benzoxazole-co-imide)s. Macromolecules, 2014, 47, 7947-7957.	4.8	76
7	Soluble, microporous, TrÃ¶ger's Base copolyimides with tunable membrane performance for gas separation. Chemical Communications, 2016, 52, 3817-3820.	4.1	75
8	Thermally rearranged polymer membranes for desalination. Energy and Environmental Science, 2016, 9, 878-884.	30.8	53
9	Defect-dependent stability of highly propylene-selective zeolitic-imidazolate framework ZIF-8 membranes. Journal of Membrane Science, 2017, 529, 105-113.	8.2	51
10	Highâ€Flux Zeolitic Imidazolate Framework Membranes for Propylene/Propane Separation by Postsynthetic Linker Exchange. Angewandte Chemie, 2018, 130, 162-167.	2.0	34
11	Highly lithium-ion conductive battery separators from thermally rearranged polybenzoxazole. Chemical Communications, 2015, 51, 2068-2071.	4.1	31