

Su-Young Moon

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,829
citations

567281

15
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2207
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin Water-Cast Polymer Membranes for Hydrogen Purification. ACS Applied Materials & Interfaces, 2022, 14, 7292-7300.	8.0	9
2	Desensitization of high explosives by encapsulation in metal-organic frameworks. Chemical Engineering Journal, 2021, 407, 127882.	12.7	5
3	Rearranged Copolyurea Networks for Selective Carbon Dioxide Adsorption at Room Temperature. Polymers, 2021, 13, 4004.	4.5	1
4	Mixed-matrix membrane reactors for the destruction of toxic chemicals. Journal of Membrane Science, 2020, 605, 118112.	8.2	14
5	In situ Generation of Reticulate Micropores through Covalent Network/Polymer Nanocomposite Membranes for Reverse-Selective Separation of Carbon Dioxide. Angewandte Chemie, 2016, 128, 1340-1345.	2.0	9
6	Detoxification of Chemical Warfare Agents Using a Zr ₆ -Based Metal-Organic Framework/Polymer Mixture. Chemistry - A European Journal, 2016, 22, 14864-14868.	3.3	93
7	Bicontinuous Nanoporous Frameworks: Caged Longevity for Enzymes. Angewandte Chemie - International Edition, 2016, 55, 11495-11498.	13.8	15
8	Bicontinuous Nanoporous Frameworks: Caged Longevity for Enzymes. Angewandte Chemie, 2016, 128, 11667-11670.	2.0	1
9	In situ Generation of Reticulate Micropores through Covalent Network/Polymer Nanocomposite Membranes for Reverse-Selective Separation of Carbon Dioxide. Angewandte Chemie - International Edition, 2016, 55, 1318-1323.	13.8	17
10	A visually detectable pH responsive zirconium metal-organic framework. Chemical Communications, 2016, 52, 3438-3441.	4.1	57
11	Mechanochemical and solvent-free assembly of zirconium-based metal-organic frameworks. Chemical Communications, 2016, 52, 2133-2136.	4.1	256
12	Exploiting parameter space in MOFs: a 20-fold enhancement of phosphate-ester hydrolysis with UiO-66-NH ₂ . Chemical Science, 2015, 6, 2286-2291.	7.4	265
13	One Step Backward Is Two Steps Forward: Enhancing the Hydrolysis Rate of UiO-66 by Decreasing [OH ⁻]. ACS Catalysis, 2015, 5, 4637-4642.	11.2	84
14	Thermo-processable covalent scaffolds with reticular hierarchical porosity and their high efficiency capture of carbon dioxide. Journal of Materials Chemistry A, 2015, 3, 14871-14875.	10.3	8
15	Instantaneous Hydrolysis of Nerve Agent Simulants with a Six-Connected Zirconium-Based Metal-Organic Framework. Angewandte Chemie - International Edition, 2015, 54, 6795-6799.	13.8	338
16	Tailoring the Pore Size and Functionality of UiO-Type Metal-Organic Frameworks for Optimal Nerve Agent Destruction. Inorganic Chemistry, 2015, 54, 9684-9686.	4.0	157
17	Effective, Facile, and Selective Hydrolysis of the Chemical Warfare Agent VX Using Zr ₆ -Based Metal-Organic Frameworks. Inorganic Chemistry, 2015, 54, 10829-10833.	4.0	132
18	Dual-Function Metal-Organic Framework as a Versatile Catalyst for Detoxifying Chemical Warfare Agent Simulants. ACS Nano, 2015, 9, 12358-12364.	14.6	207

#	ARTICLE	IF	CITATIONS
19	Carbon dioxide absorption by hydroxyalkyl amidines impregnated into mesoporous silica: the effect of pore morphology and absorbent loading. RSC Advances, 2014, 4, 1543-1550.	3.6	17
20	Polyurea networks via organic sol-gel crosslinking polymerization of tetrafunctional amines and diisocyanates and their selective adsorption and filtration of carbon dioxide. Polymer Chemistry, 2014, 5, 1124.	3.9	35
21	Organic sol-gel synthesis of microporous molecular networks containing spirobifluorene and tetraphenylmethane nodes. Journal of Polymer Science Part A, 2013, 51, 1758-1766.	2.3	18
22	Titelbild: Organic Sol-Gel Synthesis: Solution-Processable Microporous Organic Networks (Angew.) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	2.0	1
23	Organic Sol-gel Synthesis: Solution-processable Microporous Organic Networks. Angewandte Chemie - International Edition, 2010, 49, 9504-9508.	13.8	79