

Hyun June Choi

List of Publications by Year in descending order

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465
citing authors

#	ARTICLE	IF	CITATIONS
1	A zeolite family with expanding structural complexity and embedded isorecticular structures. Nature, 2015, 524, 74-78.	27.8	167
2	The Origin of Selective Adsorption of CO ₂ on Merlinoite Zeolites. Angewandte Chemie - International Edition, 2021, 60, 4307-4314.	13.8	62
3	Framework flexibility-driven CO ₂ adsorption on a zeolite. Materials Horizons, 2020, 7, 1528-1532.	12.2	39
4	The Origin of Selective Adsorption of CO ₂ on Merlinoite Zeolites. Angewandte Chemie, 2021, 133, 4353-4360.	2.0	35
5	Synthesis of thermally stable SBT and SBS/SBT intergrowth zeolites. Science, 2021, 373, 104-107.	12.6	31
6	Organic-free Synthesis of Silicoaluminophosphate Molecular Sieves. Angewandte Chemie - International Edition, 2018, 57, 9413-9418.	13.8	28
7	PST-29: A Missing Member of the RHO family of Embedded Isorecticular Zeolites. Chemistry of Materials, 2018, 30, 6619-6623.	6.7	27
8	Effect of framework Si/Al ratio on the mechanism of CO ₂ adsorption on the small-pore zeolite gismondine. Chemical Engineering Journal, 2022, 433, 133800.	12.7	24
9	PST-33: A Four-Layer ABC-6 Zeolite with the Stacking Sequence AABC. , 2020, 2, 981-985.		15
10	Small Gas Adsorption and Separation in Small-Pore Zeolites. Structure and Bonding, 2020, , 1-30.	1.0	10
11	Effect of framework Si/Al ratio on the adsorption mechanism of CO ₂ on small-pore zeolites: II. Merlinoite. Chemical Engineering Journal, 2022, 446, 137100.	12.7	8
12	Crystallization Mechanism of a Family of Embedded Isorecticular Zeolites. Journal of Physical Chemistry C, 2017, 121, 16342-16350.	3.1	6
13	Embedded Isorecticular Zeolites: Concept and Beyond. Chemistry - A European Journal, 2017, 23, 15922-15929.	3.3	6
14	Organic-free Synthesis of Silicoaluminophosphate Molecular Sieves. Angewandte Chemie, 2018, 130, 9557-9562.	2.0	6
15	Embedded Isorecticular Zeolites: Concept and Beyond. Chemistry - A European Journal, 2017, 23, 15843-15843.	3.3	0