

Dae Jun Moon

List of Publications by Year in descending order

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14
papers

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1937685

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#	ARTICLE	IF	CITATIONS
1	Facile quantization of semiconductor compounds in the zeolite: characterization of quantum dots of Zn ₄ S ₆ ⁺ and Zn ₂ S ₂ ⁺ in zeolite Y. <i>Materials Today Chemistry</i> , 2022, 23, 100715.	3.5	0
2	Using Crystallography and NMR to Count the Number of Three-Aluminum Six-Rings in Fully Zn ²⁺ -Exchanged Zeolite Y. These Six-Rings Concentrate at Single Six-Ring Positions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 583-592.	3.1	4
3	Facile synthesis of sub-nanometer Cd ₄ S ₆ ⁺ and Cd ₂ S ₂ ⁺ cluster in zeolite Y and its structural characterization. <i>Journal of Porous Materials</i> , 2021, 28, 1361-1369.	2.6	1
4	A crystallographic study of Sr ²⁺ and K ⁺ ion-exchanged zeolite Y (FAU, Si/Al = 1.56) from binary solution with different mole ratio of Sr ²⁺ and K ⁺ . <i>Journal of Porous Materials</i> , 2020, 27, 63-71.	2.6	2
5	Minireview of pentatomic cations in sodalite cavities. <i>Journal of Porous Materials</i> , 2020, 27, 563-564.	2.6	3
6	Synthesis and single-crystal structure of sodium sulfide cationic cluster in the sodalite cavity of zeolite Y (FAU, Si/Al = 1.56). <i>Journal of Porous Materials</i> , 2020, 27, 1233-1240.	2.6	4
7	Crystallographic study on the selectivity, occupancy, and distribution of Sr ²⁺ ions within zeolite Y in the presence of competing Na ⁺ ions in aqueous exchange solution. <i>Journal of Porous Materials</i> , 2019, 26, 513-523.	2.6	1
8	Crystal structure of a hydrogen sulfide sorption complex of anhydrous Mn ²⁺ -exchanged zeolite Y (FAU, Si/Al = 1.56). <i>Microporous and Mesoporous Materials</i> , 2019, 279, 432-438.	4.4	7
9	Crystallographic Study of Water Distribution, Dehydration, Rehydration, Demethylation, and Decomposition Processes in Zeolitic Imidazolate Framework ZIF-8. <i>Journal of Physical Chemistry C</i> , 2019, 123, 31032-31042.	3.1	1
10	Crystallographic studies of fully dehydrated partially Zn ²⁺ -exchanged zeolite Y (FAU, Si/Al = 1.56) depending on Zn ²⁺ concentration of aqueous solution during exchange. <i>Journal of Porous Materials</i> , 2018, 25, 1427-1437.	2.6	3
11	Structure of a cyclohexane sorption complex of partially dehydrated, fully Mn ²⁺ -exchanged zeolite Y (FAU, Si/Al = 1.56). <i>Microporous and Mesoporous Materials</i> , 2018, 264, 139-146.	4.4	3
12	Reverse Anti-solvent Crystallization Process for the Facile Synthesis of Zinc Tetra(4-pyridyl)porphyrin Single Crystalline Cubes. <i>Scientific Reports</i> , 2017, 7, 2582.	3.3	4
13	Structures of the Subnanometer Clusters of Cadmium Sulfide Encapsulated in Zeolite Y: Cd ₄ S ₆ ⁺ and Cd(SHCd) ₄ ⁶⁺ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 16722-16731.	3.1	13
14	Time-Dependent Ni ²⁺ -Ion Exchange in Zeolites Y (FAU, Si/Al = 1.56) and Their Single-Crystal Structures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28563-28574.	3.1	4