Evangelia Pantatosaki

List of Publications by Year
in descending order

17	569	840585 11	887953 17
papers	citations	h-index	g-index

17	17	17	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water adsorption behaviour of CAU-10-H: a thorough investigation of its structureâ€“property relationships. Journal of Materials Chemistry A, 2016, 4, 11859-11869.	5.2	166
2	On the Impact of Sorbent Mobility on the Sorbed Phase Equilibria and Dynamics: A Study of Methane and Carbon Dioxide within the Zeolite Imidazolate Framework-8. Journal of Physical Chemistry C, 2012, 116, 201-207.	1.5	88
3	NMR studies of carbon dioxide and methane self-diffusion in ZIF-8 at elevated gas pressures. Adsorption, 2012, 18, 359-366.	1.4	59
4	Atomistic Simulation Studies on the Dynamics and Thermodynamics of Nonpolar Molecules within the Zeolite Imidazolate Framework-8. Journal of Physical Chemistry B, 2010, 114, 2493-2503.	1.2	57
5	Probing the hydrogen equilibrium and kinetics in zeolite imidazolate frameworks via molecular dynamics and quasi-elastic neutron scattering experiments. Journal of Chemical Physics, 2013, 138, 034706.	1.2	38
6	Molecular Dynamics Phenomena of Water in the Metalorganic Framework MIL-100(Al), as Revealed by Pulsed Field Gradient NMR and Atomistic Simulation. Journal of Physical Chemistry C, 2017, 121, 18065-18074.	1.5	25
7	Combined Atomistic Simulation and Quasielastic Neutron Scattering Study of the Low-Temperature Dynamics of Hydrogen and Deuterium Confined in NaX Zeolite. Journal of Physical Chemistry B, 2008, 112, 11708-11715.	1.2	23
8	On the computation of long-range interactions in fluids under confinement: Application to pore systems with various types of spatial periodicity. Journal of Chemical Physics, 2007, 127, 164723.	1.2	22
9	Atomistic Modeling of Water Thermodynamics and Kinetics within MIL-100(Fe). Journal of Physical Chemistry C, 2015, 119, 20074-20084.	1.5	21
10	Dimensionality reduction of free energy profiles of benzene in silicalite-1: calculation of diffusion coefficients using transition state theory. Molecular Simulation, 2014, 40, 80-100.	0.9	19
11	Intrinsic D₂/H₂ Selectivity of NaX Zeolite: Interplay between Adsorption and Kinetic Factors. Journal of Physical Chemistry C, 2015, 119, 15373-15380.	1.5	16
12	Constant Pressure Path Integral Gibbs Ensemble Monte Carlo Method. Journal of Chemical Theory and Computation, 2013, 9, 2922-2929.	2.3	11
13	Wasseradsorption und â€diffusion in SAPOâ€34 fÃ¼r die adsorptive WÃrmetransformation. Chemie-Ingenieur-Technik, 2016, 88, 372-378.	0.4	10
14	Modeling the Hydration-Induced Structural Transitions of the SAPO-34 Zeolite and Their Impact on the Waterâ€™s Sorbed Phase Equilibrium and Dynamics. Journal of Physical Chemistry C, 2020, 124, 11480-11489.	1.5	4
15	Binding Dynamics of siRNA with Selected Lipopeptides: A Computer-Aided Study of the Effect of Lipopeptidesâ€™ Functional Groups and Stereoisomerism. Journal of Chemical Theory and Computation, 2020, 16, 3842-3855.	2.3	4
16	Atomistic simulation of sorption in model pores with reduced spatial periodicity. Applied Surface Science, 2007, 253, 5606-5609.	3.1	3
17	A Localized Enantioselective Catalytic Site on Short DNA Sequences and Their Amphiphiles. Jacs Au, 2022, 2, 483-491.	3.6	3