Tatsumasa Hiratsuka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7518982/publications.pdf

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9	125	1478505 6	1474206 9
papers	citations	h-index	g-index

9	9	9	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficiency of Thermal Management Using Phase-Change Material for Nonisothermal Adsorption Process. Industrial & Engineering Chemistry Research, 2020, 59, 14485-14495.	3.7	8
2	What is the Smallest Atom as a Probe for Characterizing Nanostructures?. Journal of Physical Chemistry C, 2018, 122, 15446-15455.	3.1	2
3	Mechanism of Kinetically Controlled Capillary Condensation in Nanopores: A Combined Experimental and Monte Carlo Approach. ACS Nano, 2017, 11, 269-276.	14.6	20
4	Comprehensive Modeling of Capillary Condensation in Open-Ended Nanopores: Equilibrium, Metastability, and Spinodal. Journal of Physical Chemistry C, 2017, 121, 26877-26886.	3.1	13
5	Critical energy barrier for capillary condensation in mesopores: Hysteresis and reversibility. Journal of Chemical Physics, 2016, 144, 164705.	3.0	15
6	Flow Synthesis of Plasmonic Gold Nanoshells via a Microreactor. Particle and Particle Systems Characterization, 2015, 32, 234-242.	2.3	23
7	Fluids in nanospaces: molecular simulation studies to find out key mechanisms for engineering. Adsorption, 2014, 20, 213-223.	3.0	23
8	Capillary condensation in mesoporous silica with surface roughness. Adsorption, 2013, 19, 631-641.	3.0	18
9	Flow Synthetic Process of SiO2@Au Core-Shell Nanoparticles by Using Microreactor. Journal of the Society of Powder Technology, Japan, 2013, 50, 478-484.	0.1	3