

Chanwoo Noh

List of Publications by Year in descending order

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times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the charging dynamics of an ionic liquid electric double layer capacitor <i>via</i> molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6790-6800.	2.8	65
2	Wafer-Scale Growth of 2D PtTe ₂ with Layer Orientation Tunable High Electrical Conductivity and Superior Hydrophobicity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10839-10851.	8.0	48
3	Strain-Driven and Layer-Number-Dependent Crossover of Growth Mode in van der Waals Heterostructures: 2D/2D Layer-by-Layer Horizontal Epitaxy to 2D/3D Vertical Reorientation. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800382.	3.7	35
4	Three dimensionally-ordered 2D MoS ₂ vertical layers integrated on flexible substrates with stretch-tunable functionality and improved sensing capability. <i>Nanoscale</i> , 2018, 10, 17525-17533.	5.6	31
5	Biological Nicotinamide Cofactor as a Redox-Active Motif for Reversible Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16764-16769.	13.8	19
6	Cooperative Conformational Change of a Single Organic Molecule for Ultrafast Rechargeable Batteries. <i>ACS Energy Letters</i> , 2021, 6, 1659-1669.	17.4	15
7	The Nature of Hydrated Protons on Platinum Surfaces. <i>Chemistry - A European Journal</i> , 2017, 23, 17566-17575.	3.3	13
8	Structural Evolutions of Vertically Aligned Two-Dimensional MoS ₂ Layers Revealed by in Situ Heating Transmission Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27843-27853.	3.1	13
9	Biological Nicotinamide Cofactor as a Redox-Active Motif for Reversible Electrochemical Energy Storage. <i>Angewandte Chemie</i> , 2019, 131, 16920-16925.	2.0	3
10	Dynamics and Entropy of Cyclohexane Rings Control pH-Responsive Reactivity. <i>Jacs Au</i> , 2021, 1, 2070-2079.	7.9	3
11	Study of the upper-critical dimension of the East model through the breakdown of the Stokes-Einstein relation. <i>Journal of Chemical Physics</i> , 2017, 147, 084504.	3.0	2
12	Frontispiz: Biological Nicotinamide Cofactor as a Redox-Active Motif for Reversible Electrochemical Energy Storage. <i>Angewandte Chemie</i> , 2019, 131, .	2.0	0
13	Frontispiece: Biological Nicotinamide Cofactor as a Redox-Active Motif for Reversible Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	13.8	0