

Sungsu Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10011163/publications.pdf>

Version: 2024-02-01

15
papers

251
citations

1307594

7
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible disorder-order transitions in atomic crystal nucleation. <i>Science</i> , 2021, 371, 498-503.	12.6	117
2	Rapid Access to Ordered Mesoporous Carbons for Chemical Hydrogen Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22478-22486.	13.8	31
3	A Large-Scale Array of Ordered Graphene-Sandwiched Chambers for Quantitative Liquid-Phase Transmission Electron Microscopy. <i>Advanced Materials</i> , 2020, 32, e2002889.	21.0	19
4	Single-Phase Formation of Rh ₂ O ₃ Nanoparticles on h-BN Support for Highly Controlled Methane Partial Oxidation to Syngas. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25411-25418.	13.8	17
5	Ligand-Dependent Coalescence Behaviors of Gold Nanoparticles Studied by Multichamber Graphene Liquid Cell Transmission Electron Microscopy. <i>Nano Letters</i> , 2020, 20, 8704-8710.	9.1	15
6	Uniform synthesis of palladium species confined in a small-pore zeolite <i>via</i> full ion-exchange investigated by cryogenic electron microscopy. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19796-19806.	10.3	15
7	Real-space imaging of nanoparticle transport and interaction dynamics by graphene liquid cell TEM. <i>Science Advances</i> , 2021, 7, eabi5419.	10.3	13
8	Conformation Dynamics of Single Polymer Strands in Solution. <i>Advanced Materials</i> , 0, , 2202353.	21.0	8
9	Rapid Access to Ordered Mesoporous Carbons for Chemical Hydrogen Storage. <i>Angewandte Chemie</i> , 2021, 133, 22652-22660.	2.0	6
10	Liquid-Phase Transmission Electron Microscopy for Reliable In Situ Imaging of Nanomaterials. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2022, 13, 167-191.	6.8	6
11	Aggregation of CeO ₂ particles with aligned grains drives sintering of Pt single atoms in Pt/CeO ₂ catalysts. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7029-7035.	10.3	2
12	Graphene Oxide-Supported Microwell Grids for Preparing Cryo-EM Samples with Controlled Ice Thickness. <i>Advanced Materials</i> , 2021, 33, e2102991.	21.0	1
13	Coalescence dynamics of platinum group metal nanoparticles revealed by liquid-phase transmission electron microscopy. <i>iScience</i> , 2022, 25, 104699.	4.1	1
14	Single-Phase formation of Rh ₂ O ₃ nanoparticles on h-BN support for highly controlled methane partial oxidation to syngas. <i>Angewandte Chemie</i> , 2021, 133, 25615.	2.0	0
15	Fabrication of Micro-Patterned Chip with Controlled Thickness for High-Throughput Cryogenic Electron Microscopy. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0