

Hyun Jin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

260
citations

840585

11
h-index

940416

16
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21
all docs

21
docs citations

21
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	STM Investigation of CO Ordering on Pt(111): From an Isolated Molecule to High-Coverage Superstructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16429-16437.	1.5	35
2	Selective Degradation of Chemical Bonds: From Single-Source Molecular Precursors to Metallic Ag and Semiconducting Ag ₂ S Nanocrystals via Instant Thermal Activation. <i>Langmuir</i> , 2006, 22, 2802-2805.	1.6	30
3	A Rapid Synthesis of Iron Phosphate Nanoparticles via Surface-Mediated Spontaneous Reaction for the Growth of High-Yield, Single-Walled Carbon Nanotubes. <i>Langmuir</i> , 2005, 21, 9098-9102.	1.6	21
4	Identification of Au-S complexes on Au(100). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4891-4901.	1.3	20
5	Annealing effect on surface passivation of a-Si:H/c-Si interface in terms of crystalline volume fraction. <i>Current Applied Physics</i> , 2010, 10, S375-S378.	1.1	17
6	Ce=O Terminated CeO ₂ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13835-13839.	7.2	16
7	A study of crystallinity in amorphous Si thin films for silicon heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 203-206.	3.0	15
8	Long-Range Displacive Reconstruction of Au(110) Triggered by Low Coverage of Sulfur. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21000-21010.	1.5	15
9	Sulfur Atoms Adsorbed on Cu(100) at Low Coverage: Characterization and Stability against Complexation. <i>Journal of Physical Chemistry B</i> , 2018, 122, 963-971.	1.2	15
10	A Two-Dimensional "Zigzag" Silica Polymorph on a Metal Support. <i>Journal of the American Chemical Society</i> , 2018, 140, 6164-6168.	6.6	14
11	Lattice-Contraction-Induced Moiré Patterns in Direction-Controlled Epitaxial Graphene on Cu(111). <i>Advanced Materials Interfaces</i> , 2014, 1, 1300080.	1.9	12
12	Characteristics of sulfur atoms adsorbed on Ag(100), Ag(110), and Ag(111) as probed with scanning tunneling microscopy: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10540-10551.	1.3	11
13	Direct Precursor Conversion Reaction for Densely Packed Ag ₂ S Nanocrystal Thin Films. <i>Langmuir</i> , 2007, 23, 2800-2804.	1.6	8
14	Formation of Two-Dimensional Copper Selenide on Cu(111) at Very Low Selenium Coverage. <i>ChemPhysChem</i> , 2016, 17, 2137-2145.	1.0	8
15	Atomic-Scale Dynamics of Surface-Catalyzed Hydrogenation/Dehydrogenation: NH on Pt(111). <i>ACS Nano</i> , 2015, 9, 8303-8311.	7.3	6
16	Mesoscopic Structures and Coexisting Phases in Silica Films. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3736-3742.	1.5	5
17	Surface morphology of atomic nitrogen on Pt(111). <i>Journal of Chemical Physics</i> , 2014, 140, 114707.	1.2	4
18	Single-Molecule Dynamics in the Presence of Strong Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4369-4373.	2.1	4

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19	Ce=O Terminated CeO ₂ . <i>Angewandte Chemie</i> , 2021, 133, 13954-13958.	1.6	3
20	Binding Behavior of Carbonmonoxide to Gold Atoms on Ag(001). <i>Topics in Catalysis</i> , 2020, 63, 1578-1584.	1.3	1
21	A New Analytical Method for Extracting Precise Structural Parameters of Epitaxial Graphene from Moiré Patterns. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600826.	1.9	0