

Junepyo Oh

List of Publications by Year in descending order

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papers

412
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623574

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752573

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25
all docs

25
docs citations

25
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge states propagating from a defect of graphite: Scanning tunneling spectroscopy measurements. <i>Physical Review B</i> , 2010, 82, .	1.1	50
2	Self-organization of S adatoms on Au(111): $\sqrt{3}\times\sqrt{3}$ rows at low coverage. <i>Journal of Chemical Physics</i> , 2015, 143, 014704.	1.2	36
3	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{complex on Cu(111) as a candidate for mass transport enhancement. } \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Physical Review B. 2015. 91. ,$	1.1	30
4	Significant Reduction in Adsorption Energy of CO on Platinum Clusters on Graphite. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 463-466.	2.1	29
5	Reconstruction of steps on the Cu(111) surface induced by sulfur. <i>Journal of Chemical Physics</i> , 2015, 142, 194711.	1.2	23
6	Elucidation of Isomerization Pathways of a Single Azobenzene Derivative Using an STM. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4239-4243.	2.1	21
7	Elastic and inelastic scattering components in the angular intensity distribution of He scattered from graphite. <i>Surface Science</i> , 2009, 603, 895-900.	0.8	20
8	Functionalization of Graphene Grown on Metal Substrate with Atomic Oxygen: Enolate vs Epoxide. <i>Journal of the American Chemical Society</i> , 2014, 136, 8528-8531.	6.6	20
9	Identification of Au-S complexes on Au(100). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4891-4901.	1.3	20
10	Angular Intensity Distribution of a Molecular Oxygen Beam Scattered from a Graphite Surface. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7089-7095.	1.1	18
11	Lateral Hopping of CO on Ag(110) by Multiple Overtone Excitation. <i>Physical Review Letters</i> , 2016, 116, 056101.	2.9	17
12	Search for the Structure of a Sulfur-Induced Reconstruction on Cu(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 29218-29223.	1.5	15
13	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
14	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
15	He and Ar beam scatterings from bare and defect induced graphite surfaces. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 304008.	0.7	11
16	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
17	Scattering of O_2 from a graphite surface. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 104010.	0.7	10
18	Support effect of anode catalysts using an organic metal complex for fuel cells. <i>Journal of Power Sources</i> , 2008, 185, 886-891.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Adsorption of CO on Iron Clusters on Graphite. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7741-7747.	1.5	9
20	Thermally activated polymorphic transition from a 1D ribbon to a 2D carpet: squaric acid on Au(111). <i>Chemical Communications</i> , 2014, 50, 11230-11233.	2.2	9
21	Formation of Two-Dimensional Copper Selenide on Cu(111) at Very Low Selenium Coverage. <i>ChemPhysChem</i> , 2016, 17, 2137-2145.	1.0	8
22	Scattering of CO and N ₂ molecules by a graphite surface. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 354001.	0.7	7
23	Atomic-Scale Dynamics of Surface-Catalyzed Hydrogenation/Dehydrogenation: NH on Pt(111). <i>ACS Nano</i> , 2015, 9, 8303-8311.	7.3	6
24	Identification of an AgS ₂ Complex on Ag(110). <i>Scientific Reports</i> , 2019, 9, 19842.	1.6	2
25	Photocoupling of Methane in Water Vapor to Saturated Hydrocarbons. <i>Catalysis Letters</i> , 2008, 124, 215-218.	1.4	1