

Jun-Ho Lee

List of Publications by Year in descending order

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times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	Gate-tunable superconductivity and charge-density wave in monolayer $1T\text{-MoTe}_2$ and $1T\text{-WTe}_2$. Physical Chemistry Chemical Physics, 2021, 23, 17279-17286.	2.8	10
2	Thermomechanical Manipulation of Electric Transport in MoTe_2 . Advanced Electronic Materials, 2021, 7, 2000823.	5.1	5
3	Spin-dependent vibronic response of a carbon radical ion in two-dimensional WS_2 . Nature Communications, 2021, 12, 7287.	12.8	15
4	Role of anionic vacancy for active hydrogen evolution in WTe_2 . Applied Surface Science, 2020, 515, 145972.	6.1	34
5	Basal-Plane Catalytic Activity of Layered Metallic Transition Metal Ditellurides for the Hydrogen Evolution Reaction. Applied Sciences (Switzerland), 2020, 10, 3087.	2.5	19
6	Resonant and bound states of charged defects in two-dimensional semiconductors. Physical Review B, 2020, 101, .	3.2	23
7	Intentional carbon doping reveals CH as an abundant charged impurity in nominally undoped synthetic WS_2 and WSe_2 . 2D Materials, 2020, 7, 031003.	4.4	22
8	Hybrid catalyst with monoclinic MoTe_2 and platinum for efficient hydrogen evolution. APL Materials, 2019, 7, .	5.1	24
9	How Substitutional Point Defects in Two-Dimensional WS_2 Induce Charge Localization, Spin-Orbit Splitting, and Strain. ACS Nano, 2019, 13, 10520-10534.	14.6	86
10	Active hydrogen evolution through lattice distortion in metallic MoTe_2 . 2D Materials, 2017, 4, 025061.	4.4	103
11	Fundus autofluorescence imaging patterns in central serous chorioretinopathy according to chronicity. Eye, 2016, 30, 1336-1342.	2.1	42
12	Nature of the Insulating Ground State of the CaIrO_3 Postperovskite. Physical Review Letters, 2015, 115, 096401.	7.8	22
13	Antiferromagnetic superexchange mediated by a resonant surface state in $\text{Sn/Si}(111)$. Physical Review B, 2014, 90, .	3.2	14
14	Antiferromagnetic Slater Insulator Phase of Na_2IrO_3 . Scientific Reports, 2014, 4, 5253.	3.3	21
15	Contribution of van der Waals interactions to the adsorption energy of C_2H_2 , C_2H_4 , and C_6H_6 on $\text{Si}(100)$. Chemical Physics Letters, 2013, 557, 159-162.	2.6	11
16	Physisorption of DNA Nucleobases on h-BN and Graphene: vdW-Corrected DFT Calculations. Journal of Physical Chemistry C, 2013, 117, 13435-13441.	3.1	198
17	Antiferromagnetic ordering of dangling-bond electrons at the stepped $\text{Si}(001)$ surface. Journal of Chemical Physics, 2013, 138, 104702.	3.0	0
18	Ferrimagnetic Slater Insulator Phase of the SnGeMo_3 . Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 47 Td (stretchy="false")	7.8	13

#	ARTICLE	IF	CITATIONS
19	AB0738â€¦Prevalence and incidence of systemic lupus erythematosus (SLE) in south korea. Annals of the Rheumatic Diseases, 2013, 71, 680.15-680.	0.9	0
20	SAT0358â€¦The usefulness of vertebral fracture assessment in detecting prevalent vertebral fracture in patients with rheumatoid arthritis. Annals of the Rheumatic Diseases, 2013, 71, 593.2-593.	0.9	0
21	Silastic Molding Method for Pectus Excavatum Correction Using a Polyvinyl Alcohol (Ivalon) Sponge. Korean Journal of Thoracic and Cardiovascular Surgery, 2012, 45, 418-420.	0.6	1
22	Enhanced Stability and Electronic Structure of Phenylacetylene Lines on the Si(100)-(2 Å– 1):H Surface. Journal of Physical Chemistry C, 2011, 115, 14942-14946.	3.1	6
23	Instability of one-dimensional dangling-bond wires on H-passivated C(001), Si(001), and Ge(001) surfaces. Surface Science, 2011, 605, L13-L15.	1.9	15
24	A New Triboluminescent Material. Bulletin of the Korean Chemical Society, 2011, 32, 401-402.	1.9	2
25	Adsorbate-induced buckling switch of Si dimers in dissociated phenylamine on Si(001). Physical Review B, 2009, 80, .	3.2	0
26	miR-372 Regulates Cell Cycle and Apoptosis of AGS Human Gastric Cancer Cell Line through Direct Regulation of LATS2. Molecules and Cells, 2009, 28, 521-528.	2.6	132
27	First-principles study of thermal and electron-activated dissociation of acetone on Si(001). Journal of Chemical Physics, 2008, 129, 194110.	3.0	8
28	First-principles study of the adsorption and reaction of 2,3-butanediol on Si(001). Physical Review B, 2007, 76, .	3.2	10