

# Jun-Ho Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

837  
citations

623734

14  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physisorption of DNA Nucleobases on <i>h</i> -BN and Graphene: vdW-Corrected DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13435-13441.	3.1	198
2	miR-372 Regulates Cell Cycle and Apoptosis of AGS Human Gastric Cancer Cell Line through Direct Regulation of LATS2. <i>Molecules and Cells</i> , 2009, 28, 521-528.	2.6	132
3	Active hydrogen evolution through lattice distortion in metallic MoTe <sub>2</sub> . <i>2D Materials</i> , 2017, 4, 025061.	4.4	103
4	How Substitutional Point Defects in Two-Dimensional WS <sub>2</sub> Induce Charge Localization, Spin-Orbit Splitting, and Strain. <i>ACS Nano</i> , 2019, 13, 10520-10534.	14.6	86
5	Fundus autofluorescence imaging patterns in central serous chorioretinopathy according to chronicity. <i>Eye</i> , 2016, 30, 1336-1342.	2.1	42
6	Role of anionic vacancy for active hydrogen evolution in WTe <sub>2</sub> . <i>Applied Surface Science</i> , 2020, 515, 145972.	6.1	34
7	Hybrid catalyst with monoclinic MoTe <sub>2</sub> and platinum for efficient hydrogen evolution. <i>APL Materials</i> , 2019, 7, .	5.1	24
8	Resonant and bound states of charged defects in two-dimensional semiconductors. <i>Physical Review B</i> , 2020, 101, .	3.2	23
9	<a href="#">Nature of the Insulating Ground State of the <math>\text{CaIrO}_3</math> Perovskite</a> $\text{CaIrO}_3$ <i>Physical Review Letters</i> , 2015, 115, 096401.	7.8	22
10	Intentional carbon doping reveals CH as an abundant charged impurity in nominally undoped synthetic WS <sub>2</sub> and WSe <sub>2</sub> . <i>2D Materials</i> , 2020, 7, 031003.	4.4	22
11	Antiferromagnetic Slater Insulator Phase of Na <sub>2</sub> IrO <sub>3</sub> . <i>Scientific Reports</i> , 2014, 4, 5253.	3.3	21
12	Basal-Plane Catalytic Activity of Layered Metallic Transition Metal Ditellurides for the Hydrogen Evolution Reaction. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3087.	2.5	19
13	Instability of one-dimensional dangling-bond wires on H-passivated C(001), Si(001), and Ge(001) surfaces. <i>Surface Science</i> , 2011, 605, L13-L15.	1.9	15
14	Spin-dependent vibronic response of a carbon radical ion in two-dimensional WS <sub>2</sub> . <i>Nature Communications</i> , 2021, 12, 7287.	12.8	15
15	Antiferromagnetic superexchange mediated by a resonant surface state in Sn/Si(111). <i>Physical Review B</i> , 2014, 90, .	3.2	14
16	Ferrimagnetic Slater Insulator Phase of the $\text{SnGe}$ $\text{SnGe}$ <i>Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 127 Td</i> (stretchy="false")	7.8	13
17	Contribution of van der Waals interactions to the adsorption energy of C <sub>2</sub> H <sub>2</sub> , C <sub>2</sub> H <sub>4</sub> , and C <sub>6</sub> H <sub>6</sub> on Si(100). <i>Chemical Physics Letters</i> , 2013, 557, 159-162.	2.6	11
18	First-principles study of the adsorption and reaction of 2,3-butanediol on Si(001). <i>Physical Review B</i> , 2007, 76, .	3.2	10

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19	Gate-tunable superconductivity and charge-density wave in monolayer $1T\text{-MoTe}_2$ and $1T\text{-WTe}_2$ . <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17279-17286.	2.8	10
20	First-principles study of thermal and electron-activated dissociation of acetone on Si(001). <i>Journal of Chemical Physics</i> , 2008, 129, 194110.	3.0	8
21	Enhanced Stability and Electronic Structure of Phenylacetylene Lines on the Si(100)-(2 Å <sup>-1</sup> ):H Surface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14942-14946.	3.1	6
22	Thermomechanical Manipulation of Electric Transport in $\text{MoTe}_2$ . <i>Advanced Electronic Materials</i> , 2021, 7, 2000823.	5.1	5
23	A New Triboluminescent Material. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 401-402.	1.9	2
24	Silastic Molding Method for Pectus Excavatum Correction Using a Polyvinyl Alcohol (Ivalon) Sponge. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 45, 418-420.	0.6	1
25	Adsorbate-induced buckling switch of Si dimers in dissociated phenylamine on Si(001). <i>Physical Review B</i> , 2009, 80, .	3.2	0
26	Antiferromagnetic ordering of dangling-bond electrons at the stepped Si(001) surface. <i>Journal of Chemical Physics</i> , 2013, 138, 104702.	3.0	0
27	AB0738...Prevalence and incidence of systemic lupus erythematosus (SLE) in south korea. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 680.15-680.	0.9	0
28	SAT0358...The usefulness of vertebral fracture assessment in detecting prevalent vertebral fracture in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 593.2-593.	0.9	0