

Seung Mi Lee

List of Publications by Year in descending order

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13
papers

1,367
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of NH ₃ and NO ₂ molecules on carbon nanotubes. Applied Physics Letters, 2001, 79, 3863-3865.	3.3	388
2	Hydrogen storage in single-walled carbon nanotubes. Applied Physics Letters, 2000, 76, 2877-2879.	3.3	361
3	A Hydrogen Storage Mechanism in Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2001, 123, 5059-5063.	13.7	227
4	Defect-Induced Oxidation of Graphite. Physical Review Letters, 1999, 82, 217-220.	7.8	186
5	Unveiling Defect-Related Raman Mode of Monolayer WS ₂ via Tip-Enhanced Resonance Raman Scattering. ACS Nano, 2018, 12, 9982-9990.	14.6	78
6	Effect of electric field on the electronic structures of carbon nanotubes. Applied Physics Letters, 2001, 79, 1187-1189.	3.3	56
7	A Comparative Study of the Structural, Electronic, and Vibrational Properties of NH ₃ BH ₃ and LiNH ₂ BH ₃ : Theory and Experiment. ChemPhysChem, 2009, 10, 1825-1833.	2.1	38
8	Distinguishing two isomers of Nd@C ₈₂ by scanning tunneling microscopy and density functional theory. Chemical Physics Letters, 2005, 414, 307-310.	2.6	16
9	Identifying the Origin of Defect-Induced Raman Mode in WS ₂ Monolayers via Density Functional Perturbation Theory. Journal of Physical Chemistry C, 2022, 126, 4182-4187.	3.1	4
10	Dimer-Exchange Mechanism in Surfactant-Mediated Si/Ge Epitaxial Growth. Journal of Physical Chemistry B, 2002, 106, 891-894.	2.6	3
11	Structures and Stabilities of Directly-linked and Oxygen-bridged Fullerene Dimers: A Density-functional-theory Study. Journal of the Korean Physical Society, 2011, 58, 482-486.	0.7	3
12	Detection of Chemical Warfare Agent Simulants by using Fluorescence Modulation of Rhodamine 6G/Ag Nanowires. Journal of the Korean Physical Society, 2019, 75, 827-831.	0.7	2
13	Structures and stabilities of asymmetric fullerene dimers: A density functional theory study. Journal of the Korean Physical Society, 2013, 63, 2149-2152.	0.7	0