

Seokmin Jeon

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,735
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

3589
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskiteâ€‘fullerene hybrid materials suppress hysteresis in planar diodes. Nature Communications, 2015, 6, 7081.	12.8	948
2	Chemically etched ultrahigh-Q wedge-resonator on a silicon chip. Nature Photonics, 2012, 6, 369-373.	31.4	545
3	Atomic intercalation to measure adhesion of graphene on graphite. Nature Communications, 2016, 7, 13263.	12.8	35
4	DFT Study of Water Adsorption and Decomposition on a Ga-Rich GaP(001)(2Å–4) Surface. Journal of Physical Chemistry C, 2012, 116, 17604-17612.	3.1	31
5	Photocatalytic CO Oxidation over Nanoparticulate Au-Modified TiO ₂ Aerogels: The Importance of Size and Intimacy. ACS Catalysis, 2020, 10, 14834-14846.	11.2	25
6	Kinetics of Dimethyl Methylphosphonate Adsorption and Decomposition on Zirconium Hydroxide Using Variable Temperature In Situ Attenuated Total Reflection Infrared Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 14662-14671.	8.0	23
7	Self-Induced 1-D Molecular Chain Growth of Thiophene on Ge(100). Journal of the American Chemical Society, 2006, 128, 6296-6297.	13.7	20
8	Conformal Nanoscale Zirconium Hydroxide Films for Decomposing Chemical Warfare Agents. ACS Applied Nano Materials, 2019, 2, 2295-2307.	5.0	19
9	Hydrogen-Bonded Amino Acid Network of Histidine on Ge(100). Journal of Physical Chemistry C, 2011, 115, 4636-4641.	3.1	15
10	Bond Character of Thiophene on Ge(100): Effects of Coverage and Temperature. Journal of Physical Chemistry B, 2006, 110, 21728-21734.	2.6	13
11	Zirconia-Based Aerogels for Sorption and Degradation of Dimethyl Methylphosphonate. Industrial & Engineering Chemistry Research, 2020, 59, 19584-19592.	3.7	12
12	Weak competing interactions control assembly of strongly bonded TCNQ ionic acceptor molecules on silver surfaces. Physical Review B, 2014, 90, .	3.2	11
13	Thermodynamic Control of Two-Dimensional Molecular Ionic Nanostructures on Metal Surfaces. ACS Nano, 2016, 10, 7821-7829.	14.6	8
14	Battling Chemical Weapons with Zirconium Hydroxide Nanoparticle Sorbent: Impact of Environmental Contaminants on Sarin Sequestration and Decomposition. Langmuir, 2021, 37, 6923-6934.	3.5	8
15	Surface etching induced by Ce silicide formation on Si(100). Surface Science, 2007, 601, 3823-3827.	1.9	6
16	Growth Mechanism and Electronic Structure of Zn ₃ P ₂ on the Ga-Rich GaAs(001) Surface. Journal of Physical Chemistry C, 2014, 118, 12717-12726.	3.1	5
17	Electronic structures of thiophene on Ge(100): the roles of coverage and temperature. Journal of Physics Condensed Matter, 2008, 20, 135006.	1.8	4
18	Heterogeneous optoelectronic characteristics of Si micropillar arrays fabricated by metal-assisted chemical etching. Scientific Reports, 2020, 10, 16349.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Time resolved characterization of Fabry-Perot quantum cascade lasers for use in a broadband "white light" source. Optics Express, 2019, 27, 32609.	3.4	2
20	Pyrolytic Carbon Films with Tunable Electronic Structure and Surface Functionality: A Planar Standard for Electroanalysis of Energy-Relevant Reactions. ChemElectroChem, 2020, 7, 672-683.	3.4	1
21	Probing Surface Chemistry at an Atomic Level: Decomposition of 1-Propanethiol on GaP(001) (2 Å–4) Investigated by STM, XPS, and DFT. Journal of Physical Chemistry C, 2019, 123, 2964-2972.	3.1	0