

Seokmin Jeon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2984381/publications.pdf>

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	Battling Chemical Weapons with Zirconium Hydroxide Nanoparticle Sorbent: Impact of Environmental Contaminants on Sarin Sequestration and Decomposition. <i>Langmuir</i> , 2021, 37, 6923-6934.	3.5	8
2	Pyrolytic Carbon Films with Tunable Electronic Structure and Surface Functionality: A Planar Standard for Electroanalysis of Energy-Relevant Reactions. <i>ChemElectroChem</i> , 2020, 7, 672-683.	3.4	1
3	Zirconia-Based Aerogels for Sorption and Degradation of Dimethyl Methylphosphonate. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 19584-19592.	3.7	12
4	Heterogeneous optoelectronic characteristics of Si micropillar arrays fabricated by metal-assisted chemical etching. <i>Scientific Reports</i> , 2020, 10, 16349.	3.3	4
5	Photocatalytic CO Oxidation over Nanoparticulate Au-Modified TiO ₂ Aerogels: The Importance of Size and Intimacy. <i>ACS Catalysis</i> , 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. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14662-14671.	8.0	23
7	Conformal Nanoscale Zirconium Hydroxide Films for Decomposing Chemical Warfare Agents. <i>ACS Applied Nano Materials</i> , 2019, 2, 2295-2307.	5.0	19
8	Probing Surface Chemistry at an Atomic Level: Decomposition of 1-Propanethiol on GaP(001) (2 Å–4) Investigated by STM, XPS, and DFT. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2964-2972.	3.1	0
9	Time resolved characterization of Fabry-Perot quantum cascade lasers for use in a broadband "white light" source. <i>Optics Express</i> , 2019, 27, 32609.	3.4	2
10	Thermodynamic Control of Two-Dimensional Molecular Ionic Nanostructures on Metal Surfaces. <i>ACS Nano</i> , 2016, 10, 7821-7829.	14.6	8
11	Atomic intercalation to measure adhesion of graphene on graphite. <i>Nature Communications</i> , 2016, 7, 13263.	12.8	35
12	Perovskite/fullerene hybrid materials suppress hysteresis in planar diodes. <i>Nature Communications</i> , 2015, 6, 7081.	12.8	948
13	Weak competing interactions control assembly of strongly bonded TCNQ ionic acceptor molecules on silver surfaces. <i>Physical Review B</i> , 2014, 90, .	3.2	11
14	Growth Mechanism and Electronic Structure of Zn ₃ P ₂ on the Ga-Rich GaAs(001) Surface. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12717-12726.	3.1	5
15	DFT Study of Water Adsorption and Decomposition on a Ga-Rich GaP(001)(2Å–4) Surface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17604-17612.	3.1	31
16	Chemically etched ultrahigh-Q wedge-resonator on a silicon chip. <i>Nature Photonics</i> , 2012, 6, 369-373.	31.4	545
17	Hydrogen-Bonded Amino Acid Network of Histidine on Ge(100). <i>Journal of Physical Chemistry C</i> , 2011, 115, 4636-4641.	3.1	15
18	Electronic structures of thiophene on Ge(100): the roles of coverage and temperature. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 135006.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Surface etching induced by Ce silicide formation on Si(100). <i>Surface Science</i> , 2007, 601, 3823-3827.	1.9	6
20	Bond Character of Thiophene on Ge(100): Effects of Coverage and Temperature. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21728-21734.	2.6	13
21	Self-Induced 1-D Molecular Chain Growth of Thiophene on Ge(100). <i>Journal of the American Chemical Society</i> , 2006, 128, 6296-6297.	13.7	20