

Esko Kokkonen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

218
citations

1163117

8
h-index

1058476

14
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22
all docs

22
docs citations

22
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Understanding of the Limited Site-Specificity in Molecular Inner-Shell Photofragmentation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1156-1163.	4.6	31
2	Atomic Layer Deposition of Hafnium Oxide on InAs: Insight from Time-Resolved in Situ Studies. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3915-3922.	4.3	23
3	Depth Profiling of the Chemical Composition of Free-Standing Carbon Dots Using X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14889-14897.	3.1	20
4	Upgrade of the SPECIES beamline at the MAX IV Laboratory. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 588-601.	2.4	19
5	Chemical bonding of termination species in 2D carbides investigated through valence band UPS/XPS of $\text{Ti}_3\text{C}_2\text{T}_x$ MXene. <i>2D Materials</i> , 2021, 8, 045026.	4.4	19
6	Bimetallic Nanoparticles as a Model System for an Industrial NiMo Catalyst. <i>Materials</i> , 2019, 12, 3727.	2.9	15
7	Role of ultrafast dissociation in the fragmentation of chlorinated methanes. <i>Journal of Chemical Physics</i> , 2018, 148, 174301.	3.0	12
8	Synchronizing gas injections and time-resolved data acquisition for perturbation-enhanced APXPS experiments. <i>Review of Scientific Instruments</i> , 2021, 92, 044101.	1.3	11
9	Pre-deliquescent water uptake in deposited nanoparticles observed with in situ ambient pressure X-ray photoelectron spectroscopy. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4709-4727.	4.9	9
10	Ambient pressure x-ray photoelectron spectroscopy setup for synchrotron-based in situ and operando atomic layer deposition research. <i>Review of Scientific Instruments</i> , 2022, 93, 013905.	1.3	9
11	Spin-orbit interaction mediated molecular dissociation. <i>Journal of Chemical Physics</i> , 2014, 140, 184304.	3.0	7
12	Formation of stable resonant Auger decay in CH_3Cl . <i>Physical Review A</i> , 2016, 94, .	2.5	7
13	From synchrotrons for XFELs: the soft x-ray near-edge spectrum of the ESCA molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 244011.	1.5	7
14	Large exchange bias in Cr substituted Fe_3O_4 nanoparticles with FeO subdomains. <i>Nanoscale</i> , 2021, 13, 15844-15852.	5.6	6
15	Oxygen relocation during HfO_2 ALD on InAs. <i>Faraday Discussions</i> , 2022, 236, 71-85.	3.2	6
16	Stabilization of Cu_2O through Site-Selective Formation of a Co_1Cu Hybrid Single-Atom Catalyst. <i>Chemistry of Materials</i> , 2022, 34, 2313-2320.	6.7	5
17	Role of Temperature, Pressure, and Surface Oxygen Migration in the Initial Atomic Layer Deposition of HfO_2 on Anatase $\text{TiO}_2(101)$. <i>Journal of Physical Chemistry C</i> , 2022, 126, 12210-12221.	3.1	5
18	Fragmentation of mercury compounds under ultraviolet light irradiation. <i>Journal of Chemical Physics</i> , 2015, 143, 074307.	3.0	3

#	ARTICLE	IF	CITATIONS
19	Evolution of lithium clusters to superatomic Li ₃ O ⁺ . Applied Physics Letters, 2017, 111, .	3.3	3