

# 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  
g-index

22  
all docs

22  
docs citations

22  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Oxygen relocation during HfO <sub>2</sub> ALD on InAs. <i>Faraday Discussions</i> , 2022, 236, 71-85.	3.2	6
3	Stabilization of Cu <sub>2</sub> O through Site-Selective Formation of a Co <sub>1</sub> Cu Hybrid Single-Atom Catalyst. <i>Chemistry of Materials</i> , 2022, 34, 2313-2320.	6.7	5
4	Role of Temperature, Pressure, and Surface Oxygen Migration in the Initial Atomic Layer Deposition of HfO <sub>2</sub> on Anatase TiO <sub>2</sub> (101). <i>Journal of Physical Chemistry C</i> , 2022, 126, 12210-12221.	3.1	5
5	Upgrade of the SPECIES beamline at the MAX IV Laboratory. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 588-601.	2.4	19
6	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
7	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
8	Chemical bonding of termination species in 2D carbides investigated through valence band UPS/XPS of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene. <i>2D Materials</i> , 2021, 8, 045026.	4.4	19
9	Large exchange bias in Cr substituted Fe <sub>3</sub> O <sub>4</sub> nanoparticles with FeO subdomains. <i>Nanoscale</i> , 2021, 13, 15844-15852.	5.6	6
10	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
11	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
12	Bimetallic Nanoparticles as a Model System for an Industrial NiMo Catalyst. <i>Materials</i> , 2019, 12, 3727.	2.9	15
13	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
14	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
15	Role of ultrafast dissociation in the fragmentation of chlorinated methanes. <i>Journal of Chemical Physics</i> , 2018, 148, 174301.	3.0	12
16	Evolution of lithium clusters to superatomic Li <sub>30</sub> <sup>+</sup> . <i>Applied Physics Letters</i> , 2017, 111, .	3.3	3
17	Formation of stable resonant Auger decay in HCl <sup>+</sup> Physical Review A, 2016, 94, .	2.5	7
18	Fragmentation of mercury compounds under ultraviolet light irradiation. <i>Journal of Chemical Physics</i> , 2015, 143, 074307.	3.0	3

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19	Spin-orbit interaction mediated molecular dissociation. Journal of Chemical Physics, 2014, 140, 184304.	3.0	7