

Fredrik Johansson

List of Publications by Year in descending order

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32
papers

447
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840776

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docs citations

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times ranked

919
citing authors

#	ARTICLE	IF	CITATIONS
1	Clarifying the Adsorption of Triphenylamine on Au(111): Filling the HOMO–LUMO Gap. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1635-1643.	3.1	12
2	m-MTDATA on Au(111): Spectroscopic Evidence of Molecule–Substrate Interactions. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3202-3210.	3.1	4
3	Wafer-sized WS ₂ monolayer deposition by sputtering. <i>Nanoscale</i> , 2022, 14, 6331-6338.	5.6	6
4	Evidence of hybridization states at the donor/acceptor interface: case of m-MTDATA/PPT. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 214008.	1.8	1
5	Auger- and photoelectron coincidences of molecular O ₂ adsorbed on Ag(111). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2022, 256, 147174.	1.7	0
6	The impact of chemical composition of halide surface ligands on the electronic structure and stability of lead sulfide quantum dot materials. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	2
7	Extreme ultraviolet photoemission of a tin-based photoresist. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	8
8	Hard x-ray photoelectron spectroscopy: a snapshot of the state-of-the-art in 2020. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 233001.	1.8	55
9	Growth of two-dimensional WS ₂ thin films by reactive sputtering. <i>Vacuum</i> , 2021, 188, 110205.	3.5	14
10	Electronic coupling between the unoccupied states of the organic and inorganic sublattices of methylammonium lead iodide: A hybrid organic-inorganic perovskite single crystal. <i>Physical Review B</i> , 2021, 104, .	3.2	7
11	The CoESCA station at BESSY: Auger electron–photoelectron coincidences from surfaces demonstrated for Ag MNN. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2021, 250, 147075.	1.7	12
12	Early-stage decomposition of solid polymer electrolytes in Li-metal batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22462-22471.	10.3	26
13	Quantitative analysis of plasmon excitations in hard x-ray photoelectron spectra of bulk black phosphorus. <i>Applied Surface Science</i> , 2020, 505, 144385.	6.1	7
14	S 2p and P 2p Core Level Spectroscopy of PPT Ambipolar Material and Its Building Block Moieties. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14510-14520.	3.1	3
15	Interlayer charge transfer in tin disulphide: Orbital anisotropy and temporal aspects. <i>Physical Review B</i> , 2020, 102, .	3.2	6
16	PPT Isolated Molecule and Its Building Block Moieties Studied by C 1s and O 1s Gas Phase X-ray Photoelectron and Photoabsorption Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9774-9786.	3.1	4
17	Tailoring ultra-fast charge transfer in MoS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10335-10342.	2.8	12
18	A method for studying pico to microsecond time-resolved core-level spectroscopy used to investigate electron dynamics in quantum dots. <i>Scientific Reports</i> , 2020, 10, 22438.	3.3	5

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19	In Situ Formation of Ge Nanoparticles by Annealing of Al-Ge-N Thin Films Followed by HAXPES and XRD. <i>Inorganic Chemistry</i> , 2019, 58, 11100-11109.	4.0	2
20	Electronic structure modifications induced by increased molecular complexity: from triphenylamine to m-MTDATA. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17959-17970.	2.8	6
21	Investigation of the surface species during temperature dependent dehydrogenation of naphthalene on Ni(111). <i>Journal of Chemical Physics</i> , 2019, 150, 244704.	3.0	3
22	Probing and Controlling Surface Passivation of PbS Quantum Dot Solid for Improved Performance of Infrared Absorbing Solar Cells. <i>Chemistry of Materials</i> , 2019, 31, 4081-4091.	6.7	34
23	Long-Lasting Non-Hydrogenated Dark Titanium Dioxide: Medium Vacuum Anneal for Enhanced Visible Activity of Modified Multiphase Photocatalysts. <i>ChemCatChem</i> , 2018, 10, 2949-2954.	3.7	17
24	Electronic Structure Characterization of Cross-Linked Sulfur Polymers. <i>ChemPhysChem</i> , 2018, 19, 1041-1047.	2.1	4
25	Electronic Structure Characterization of a Thiophene Benzo-Annulated Series of Common Building Blocks for Donor and Acceptor Compounds Studied by Gas Phase Photoelectron and Photoabsorption Synchrotron Spectroscopies. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8745-8761.	2.5	4
26	Femtosecond and Attosecond Electron-Transfer Dynamics in PCPDTBT:PCBM Bulk Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12605-12614.	3.1	16
27	Minimizing sputter-induced damage during deposition of WS ₂ onto graphene. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	8
28	Photochemical conversion of tin-oxo cage compounds studied using hard x-ray photoelectron spectroscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
29	Partially Reversible Photoinduced Chemical Changes in a Mixed-Ion Perovskite Material for Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34970-34978.	8.0	65
30	Photochemical conversion of tin-oxo cage compounds studied using hard x-ray photoelectron spectroscopy. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2017, 16, 023510.	0.9	26
31	Defect formation in graphene during low-energy ion bombardment. <i>APL Materials</i> , 2016, 4, .	5.1	68
32	Phase control of iron oxides grown in nano-scale structures on FTO and Si(100): Hematite, maghemite and magnetite. <i>Vacuum</i> , 2015, 117, 85-90.	3.5	8