

Andreas Lindblad

List of Publications by Year in descending order

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87
papers

2,457
citations

201674

27
h-index

214800

47
g-index

88
all docs

88
docs citations

88
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer-sized WS ₂ monolayer deposition by sputtering. <i>Nanoscale</i> , 2022, 14, 6331-6338.	5.6	6
2	X-ray Induced Fragmentation of Protonated Cystine. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1496-1503.	2.5	3
3	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
4	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
5	Extreme ultraviolet photoemission of a tin-based photoresist. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	8
6	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
7	Growth of two-dimensional WS ₂ thin films by reactive sputtering. <i>Vacuum</i> , 2021, 188, 110205.	3.5	14
8	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
9	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
10	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
11	Kagome-like silicene: A novel exotic form of two-dimensional epitaxial silicon. <i>Applied Surface Science</i> , 2020, 530, 147195.	6.1	18
12	Energy dependent relative cross sections in carbon 1s photoionization. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 152050.	0.4	0
13	Interlayer charge transfer in tin disulphide: Orbital anisotropy and temporal aspects. <i>Physical Review B</i> , 2020, 102, .	3.2	6
14	Tailoring ultra-fast charge transfer in MoS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10335-10342.	2.8	12
15	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
16	Energy-Dependent Relative Cross Sections in Carbon 1s Photoionization: Separation of Direct Shake and Inelastic Scattering Effects in Single Molecules. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7619-7636.	2.5	12
17	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
18	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

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19	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
20	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
21	Electronic Structure Characterization of Cross-Linked Sulfur Polymers. <i>ChemPhysChem</i> , 2018, 19, 1041-1047.	2.1	4
22	Investigation of the spectral properties and magnetism of BiFeO_3 by dynamical mean-field theory. <i>Physical Review B</i> , 2018, 97, .	2.2	18
23	Low Dose Photoelectron Spectroscopy at BESSY II: Electronic structure of matter in its native state. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 224, 68-78.	1.7	33
24	Surface modification of iron oxides by ion bombardment – Comparing depth profiling by HAXPES and Ar ion sputtering. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 224, 23-26.	1.7	27
25	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
26	Minimizing sputter-induced damage during deposition of WS ₂ onto graphene. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	8
27	Photochemical conversion of tin-oxo cage compounds studied using hard x-ray photoelectron spectroscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
28	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
29	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
30	Defect formation in graphene during low-energy ion bombardment. <i>APL Materials</i> , 2016, 4, .	5.1	68
31	Site-selective local fluorination of graphene induced by focused ion beam irradiation. <i>Scientific Reports</i> , 2016, 6, 19719.	3.3	36
32	High photon energy spectroscopy of NiO: Experiment and theory. <i>Physical Review B</i> , 2016, 93, .	3.2	22
33	Surface modification of SU-8 for metal/SU-8 adhesion using RF plasma treatment for application in thermopile detectors. <i>Materials Research Express</i> , 2015, 2, 086501.	1.6	12
34	Electronic Structure of $\text{CH}_3\text{NH}_3\text{PbX}_3$ Perovskites: Dependence on the Halide Moiety. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1818-1825.	3.1	127
35	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
36	Amorphous W ₂ N thin films: The atomic structure behind ultra-low friction. <i>Acta Materialia</i> , 2015, 82, 84-93.	7.9	31

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37	Suppression of the molecular ultra-fast dissociation in bromomethane clusters. Journal of Chemical Physics, 2014, 141, 224305.	3.0	1
38	HAXPES study of Sn core levels and their plasmon loss features. Results in Physics, 2014, 4, 168-169.	4.1	2
39	Understanding the effects of sputter damage in Wâ€‘S thin films by HAXPES. Applied Surface Science, 2014, 305, 203-213.	6.1	42
40	An HAXPES study of Sn, SnS, SnO and SnO2. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 195-199.	1.7	66
41	Single-Molecule X-Ray Interferometry: Controlling Coupled Electron-Nuclear Quantum Dynamics and Imaging Molecular Potentials by Ultrahigh-Resolution Resonant Photoemission and $\langle i \rangle$ Calculations. Physical Review X, 2013, 3, .	8.9	16
42	A multi purpose source chamber at the PLEIADES beamline at SOLEIL for spectroscopic studies of isolated species: Cold molecules, clusters, and nanoparticles. Review of Scientific Instruments, 2013, 84, 113105.	1.3	37
43	Vibrational scattering anisotropy in O_2 dynamics beyond the Bornâ€‘Oppenheimer approximation. New Journal of Physics, 2012, 14, 113018.	2.9	30
44	New insight into the Auger decay process in O_2 : The coincidence perspective. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 234-243.	1.7	9
45	Two dimensional band structure mapping of organic single crystals using the new generation electron energy analyzer ARTOF. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 55-60.	1.7	49
46	Size of Free Neutral CO_2 Clusters from Carbon 1s Ionization Energies. Journal of Physical Chemistry A, 2011, 115, 10408-10415.	2.5	18
47	Large Tunable Rashba Spin Splitting of a Two-Dimensional Electron Gas in Bi_2Se_3 . Physical Review Letters, 2011, 107, 096802.	7.8	405
48	The structure of mixed methanol/chloroform clusters from core-level photoelectron spectroscopy and modeling. New Journal of Chemistry, 2011, 35, 2564.	2.8	8
49	Chemical shifts of small heterogeneous Ar/Xe clusters. Physical Review B, 2011, 83, .	3.2	10
50	Angle-resolved electron spectroscopy of the resonant Auger decay in xenon with meV energy resolution. New Journal of Physics, 2011, 13, 073014.	2.9	46
51	Circularly Polarized X Rays: Another Probe of Ultrafast Molecular Decay Dynamics. Physical Review Letters, 2010, 105, 233001.	7.8	72
52	Valence photoelectron spectroscopy of N_2 and CO : Recoil-induced rotational excitation, relative intensities, and atomic orbital composition of molecular orbitals. Journal of Chemical Physics, 2010, 133, 174312.	3.0	14
53	3pvalence photoelectron spectrum of Ar clusters. Physical Review B, 2009, 79, . Photoelectron-recoil-induced rotational excitation of the	3.2	12
54	state B_u^+ CO_2 state	2.5	32

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55	A dose dependence study of O2 adsorbed on large Ar clusters. Journal of Chemical Physics, 2009, 130, 224305.	3.0	3
56	The local structure of small water clusters: imprints on the core-level photoelectron spectrum. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 055201.	1.5	27
57	The geometric structure of pure SF6 and mixed Ar/SF6 clusters investigated by core level photoelectron spectroscopy. Surface Science, 2009, 603, 433-436.	1.9	2
58	Auger Electron Spectroscopy as a Probe of the Solution of Aqueous Ions. Journal of the American Chemical Society, 2009, 131, 7264-7271.	13.7	31
59	Charge delocalization dynamics of ammonia in different hydrogen bonding environments: free clusters and in liquid water solution. Physical Chemistry Chemical Physics, 2009, 11, 1758.	2.8	28
60	Adsorption of chloromethane molecules on free argon clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 085102.	1.5	1
61	Neighbor-induced photoelectron recapture in argon clusters: A photon-energy-dependent study of Auger spectra. Physical Review A, 2008, 78, .	2.5	8
62	Synchrotron radiation study of chloromethane clusters: Effects of polarizability and dipole moment on core level chemical shifts. Journal of Chemical Physics, 2007, 127, 024302.	3.0	10
63	Self-assembled heterogeneous argon/neon core-shell clusters studied by photoelectron spectroscopy. Journal of Chemical Physics, 2007, 126, 214706.	3.0	33
64	Localized versus delocalized excitations just above the 3d threshold in krypton clusters studied by Auger electron spectroscopy. Journal of Chemical Physics, 2007, 127, 124314.	3.0	5
65	Size determination of free metal clusters by core-level photoemission from different initial charge states. Physical Review B, 2007, 76, .	3.2	30
66	Free nanoscale sodium clusters studied by core-level photoelectron spectroscopy. Physical Review B, 2007, 75, .	3.2	29
67	A photoelectron spectroscopic study of aqueous tetrabutylammonium iodide. Journal of Physics Condensed Matter, 2007, 19, 326101.	1.8	26
68	The role of molecular polarity in cluster local structure studied by photoelectron spectroscopy. Chemical Physics Letters, 2007, 435, 79-83.	2.6	8
69	Experimental evidence for molecular ultrafast dissociation in O2 clusters. European Physical Journal D, 2007, 42, 253-257.	1.3	3
70	Direct observation of the non-supported metal nanoparticle electron density of states by X-ray photoelectron spectroscopy. European Physical Journal D, 2007, 45, 295-299.	1.3	15
71	Two size regimes of methanol clusters produced by adiabatic expansion. Journal of Chemical Physics, 2006, 125, 184303.	3.0	7
72	The far from equilibrium structure of argon clusters doped with krypton or xenon. Physical Chemistry Chemical Physics, 2006, 8, 1899-1905.	2.8	30

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73	Photon energy dependent intensity variations observed in Auger spectra of free argon clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3321-3333.	1.5	11
74	First observation of vibrations in core-level photoelectron spectra of free neutral molecular clusters. Chemical Physics Letters, 2006, 429, 109-113.	2.6	18
75	Shell-dependent core-level chemical shifts observed in free xenon clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 5225-5235.	1.5	12
76	Preferential site occupancy of krypton atoms on free argon-cluster surfaces. Journal of Chemical Physics, 2006, 125, 014305.	3.0	16
77	Magnetron-based source of neutral metal vapors for photoelectron spectroscopy. Review of Scientific Instruments, 2006, 77, 033106.	1.3	15
78	Preferential site occupancy observed in coexpanded argon-krypton clusters. Physical Review A, 2006, 74, .	2.5	27
79	Characterization of weakly excited final states by shakedown spectroscopy of laser-excited potassium. Physical Review A, 2006, 74, .	2.5	14
80	Enhanced surface sensitivity in AES relative to XPS observed in free argon clusters. Surface Science, 2005, 594, 12-19.	1.9	23
81	Postcollision interaction in noble gas clusters: Observation of differences in surface and bulk line shapes. Journal of Chemical Physics, 2005, 123, 211101.	3.0	23
82	Observation of resonant Interatomic Coulombic Decay in Ne clusters. Journal of Chemical Physics, 2005, 122, 241102.	3.0	72
83	Final state selection in the 4p photoemission of Rb by combining laser spectroscopy with soft-x-ray photoionization. Physical Review A, 2005, 72, .	2.5	21
84	Ioniclike energy structure of neutral core-excited states in free Kr clusters. Physical Review A, 2005, 72, .	2.5	11
85	The electronic structure of free water clusters probed by Auger electron spectroscopy. Journal of Chemical Physics, 2005, 123, 054310.	3.0	80
86	Femtosecond Interatomic Coulombic Decay in Free Neon Clusters: Large Lifetime Differences between Surface and Bulk. Physical Review Letters, 2004, 93, 173401.	7.8	173
87	Radial surface segregation in free heterogeneous argon/krypton clusters. Chemical Physics Letters, 2004, 392, 433-438.	2.6	41