

Svante Svensson

List of Publications by Year in descending order

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330
papers

11,560
citations

31976

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48315

88
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338
all docs

338
docs citations

338
times ranked

6007
citing authors

#	ARTICLE	IF	CITATIONS
1	Auger- and photoelectron coincidences of molecular O ₂ adsorbed on Ag(111). Journal of Electron Spectroscopy and Related Phenomena, 2022, 256, 147174.	1.7	0
2	Uppsala and Berkeley: Two essential laboratories in the development of modern photoelectron spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 043207.	2.1	0
3	Photodrivn Transient Picosecond Top-Layer Semiconductor to Metal Phase-Transition in p-Doped Molybdenum Disulfide. Advanced Materials, 2021, 33, e2006957.	21.0	11
4	Quantification of Ni L _{2,3} core-hole relaxation pathways utilizing Auger photoelectron coincidence spectroscopy. Physical Review B, 2021, 103, .	3.2	5
5	Molybdenum Disulfide: Photodrivn Transient Picosecond Top-Layer Semiconductor to Metal Phase-Transition in p-Doped Molybdenum Disulfide (Adv. Mater. 14/2021). Advanced Materials, 2021, 33, 2170108.	21.0	2
6	The CoESCA station at BESSY: Auger electron-photoelectron coincidences from surfaces demonstrated for Ag MNN. Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147075.	1.7	12
7	Energy dependent relative cross sections in carbon 1s photoionization. Journal of Physics: Conference Series, 2020, 1412, 152050.	0.4	0
8	A method for studying pico to microsecond time-resolved core-level spectroscopy used to investigate electron dynamics in quantum dots. Scientific Reports, 2020, 10, 22438.	3.3	5
9	Energy-Dependent Relative Cross Sections in Carbon 1s Photoionization: Separation of Direct Shake and Inelastic Scattering Effects in Single Molecules. Journal of Physical Chemistry A, 2019, 123, 7619-7636.	2.5	12
10	Prof. Carl Nordling 1931-2016. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 107-108.	1.7	0
11	Low Dose Photoelectron Spectroscopy at BESSY II: Electronic structure of matter in its native state. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 68-78.	1.7	33
12	Capabilities of Angle Resolved Time of Flight electron spectroscopy with the 60° wide angle acceptance lens. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 45-50.	1.7	15
13	Partially Reversible Photoinduced Chemical Changes in a Mixed-Ion Perovskite Material for Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 34970-34978.	8.0	65
14	Electronic structure dynamics in a low bandgap polymer studied by time-resolved photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 21921-21929.	2.8	11
15	The First Development of Photoelectron Spectroscopy and Its Relation to HAXPES. Springer Series in Surface Sciences, 2016, , 35-42.	0.3	3
16	Electron spectroscopy using ultra brilliant synchrotron X-ray sources. Journal of Electron Spectroscopy and Related Phenomena, 2015, 200, 78-93.	1.7	8
17	HAXPES studies of solid materials for applications in energy and information technology using the HIKE facility at HZB-BESSY II. Journal of Electron Spectroscopy and Related Phenomena, 2015, 200, 40-48.	1.7	7
18	New determination of the core-level life-time broadenings in mercury. Journal of Electron Spectroscopy and Related Phenomena, 2015, 202, 33-37.	1.7	1

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19	Suppression of the molecular ultra-fast dissociation in bromomethane clusters. Journal of Chemical Physics, 2014, 141, 224305.	3.0	1
20	Single bunch X-ray pulses on demand from a multi-bunch synchrotron radiation source. Nature Communications, 2014, 5, 4010.	12.8	42
21	50 years anniversary of the discovery of the core level chemical shifts. The early years of photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 193, 27-33.	1.7	17
22	Size-dependent evolution of electronic structure in neutral Pb clusters as seen by synchrotron-based X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 55-61.	1.7	9
23	Ultrafast dissociation in polyhalogenated ethane: alternative mechanisms. Journal of Physics: Conference Series, 2014, 488, 022025.	0.4	0
24	On the relation between X-ray Photoelectron Spectroscopy and XAFS. Journal of Physics: Conference Series, 2013, 430, 012131.	0.4	17
25	Relative sub-shell photoionization cross-sections of nickel metal determined by hard X-ray high kinetic energy photoemission. Journal of Electron Spectroscopy and Related Phenomena, 2013, 190, 153-158.	1.7	8
26	On Routes to Ultrafast Dissociation of Polyatomic Molecules. Journal of Physical Chemistry Letters, 2013, 4, 2361-2366.	4.6	32
27	Laboratory-frame electron angular distributions: Probing the chemical environment through intramolecular electron scattering. Physical Review A, 2013, 87, .	2.5	14
28	Principles and operation of a new type of electron spectrometer – ArTOF. Journal of Electron Spectroscopy and Related Phenomena, 2013, 191, 92-103.	1.7	51
29	Core-shell structure in self-assembled lead/lead-oxide nanoclusters revealed by photoelectron spectroscopy. Physical Review B, 2013, 87, .	3.2	12
30	Angle-resolved time-of-flight spectroscopy applied to multi-bunch operation at MAX-lab: a design study. Journal of Physics: Conference Series, 2013, 425, 092011.	0.4	5
31	The electronic structure of free aluminum clusters: Metallicity and plasmons. Journal of Chemical Physics, 2012, 136, 204504.	3.0	17
32	Interaction of soft x-ray photons with free alkali-halide molecular clusters. Journal of Physics: Conference Series, 2012, 388, 022044.	0.4	0
33	What one can learn about clusters using the unique tools of x-ray photoelectron spectroscopy. Journal of Physics: Conference Series, 2012, 388, 152025.	0.4	0
34	Highly Charged Ion - Induced Water Cluster Fragmentation. Journal of Physics: Conference Series, 2012, 388, 102053.	0.4	0
35	Holding onto Electrons in Alkali Metal Halide Clusters: Decreasing Polarizability with Increasing Coordination. Journal of Physical Chemistry A, 2012, 116, 12104-12111.	2.5	12
36	Photon energy influence on valence photoelectron spectra of silver clusters. Journal of Physics: Conference Series, 2012, 388, 152028.	0.4	1

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37	The ESCA moleculeâ€™ Historical remarks and new results. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 191-197.	1.7	37
38	New insight into the Auger decay process in O2: The coincidence perspective. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 234-243.	1.7	9
39	Nonstoichiometric Intensities in Core Photoelectron Spectroscopy. Physical Review Letters, 2012, 108, 193005.	7.8	51
40	Bond Breaking, Electron Pushing, and Proton Pulling: Active and Passive Roles in the Interaction between Aqueous Ions and Water as Manifested in the O 1s Auger Decay. Journal of Physical Chemistry B, 2012, 116, 3-8.	2.6	17
41	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
42	Ionic bonding in free nanoscale NaCl clusters as seen by photoelectron spectroscopy. Journal of Chemical Physics, 2011, 134, 124507.	3.0	15
43	Ionic-Charge Dependence of the Intermolecular Coulombic Decay Time Scale for Aqueous Ions Probed by the Core-Hole Clock. Journal of the American Chemical Society, 2011, 133, 13430-13436.	13.7	32
44	Large Tunable Rashba Spin Splitting of a Two-Dimensional Electron Gas in Bi_2Se_3 . Physical Review Letters, 2011, 107, 096802.	7.8	405
45	The protonation state of small carboxylic acids at the water surface from photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 12261.	2.8	55
46	Prof. Paul Bruhwiler 1961â€“2010. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, v.	1.7	0
47	Understanding interface properties from high kinetic energy photoelectron spectroscopy and first principles theory. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, 80-93.	1.7	16
48	A new energy and angle resolving electron spectrometer â€™ First results. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, 125-131.	1.7	45
49	Plasmon single- and multi-quantum excitation in free metal clusters as seen by photoelectron spectroscopy. Journal of Chemical Physics, 2011, 134, 094511.	3.0	11
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	A rotatable electron spectrometer for multicoincidence experiments. Review of Scientific Instruments, 2010, 81, 063112.	1.3	3
52	Spinâ€™Orbit Coupling and Metalâ€™Ligand Interactions in Fe(II), Ru(II), and Os(II) Complexes. Journal of Physical Chemistry C, 2010, 114, 10314-10322.	3.1	44
53	Charge Dependence of Solvent-Mediated Intermolecular Costerâ€™Kronig Decay Dynamics of Aqueous Ions. Journal of Physical Chemistry B, 2010, 114, 17057-17061.	2.6	28
54	The influence of concentration on the molecular surface structure of simple and mixed aqueous electrolytes. Physical Chemistry Chemical Physics, 2010, 12, 10693.	2.8	54

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55	Single-component surface in binary self-assembled NaK nanoalloy clusters. <i>Physical Review B</i> , 2009, 80, .	3.2	17
56	A dose dependence study of O2 adsorbed on large Ar clusters. <i>Journal of Chemical Physics</i> , 2009, 130, 224305.	3.0	3
57	Shake-up transitions in S 2p, S 2s and F 1s photoionization of the SF ₆ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 055102.	1.5	18
58	The local structure of small water clusters: imprints on the core-level photoelectron spectrum. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 055201.	1.5	27
59	Large variations in the propensity of aqueous oxychlorine anions for the solution/vapor interface. <i>Journal of Chemical Physics</i> , 2009, 131, 124706.	3.0	24
60	The geometric structure of pure SF6 and mixed Ar/SF6 clusters investigated by core level photoelectron spectroscopy. <i>Surface Science</i> , 2009, 603, 433-436.	1.9	2
61	The high kinetic energy photoelectron spectroscopy facility at BESSY progress and first results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 601, 48-53.	1.6	181
62	Influence of sputter damage on the XPS analysis of metastable nanocomposite coatings. <i>Surface and Coatings Technology</i> , 2009, 204, 455-462.	4.8	84
63	Resonant Auger decay study of core-excited OCS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 174, 100-106.	1.7	10
64	Hard X-ray high kinetic energy photoelectron spectroscopy at the KMC-1 beamline at BESSY. <i>European Physical Journal: Special Topics</i> , 2009, 169, 221-225.	2.6	9
65	Auger Electron Spectroscopy as a Probe of the Solution of Aqueous Ions. <i>Journal of the American Chemical Society</i> , 2009, 131, 7264-7271.	13.7	31
66	Investigation of interface properties of Ni/Cu multilayers by high kinetic energy photoelectron spectroscopy. <i>Physical Review B</i> , 2009, 80, .	3.2	21
67	Study of substituent effects for aliphatic CH ₃ â€“X compounds by resonant Auger spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 826-833.	2.8	7
68	Determination of vertical phase separation in a polyfluorene copolymer: fullerene derivative solar cell blend by X-ray photoelectron spectroscopy. <i>Journal of Materials Chemistry</i> , 2009, 19, 4899.	6.7	43
69	Soft X-ray radiation damage in argon clusters. <i>Journal of Physics: Conference Series</i> , 2009, 194, 022107.	0.4	0
70	The influence of the Ĩf resonance on the Auger decay of core-ionized molecular nitrogen. <i>Chemical Physics Letters</i> , 2008, 456, 1-6.	2.6	23
71	An electronic signature of hydrolysatation in the X-ray absorption spectrum of aqueous formaldehyde. <i>Chemical Physics Letters</i> , 2008, 460, 540-542.	2.6	13
72	Valence electronic structure of ruthenium based complexes probed by photoelectron spectroscopy at high kinetic energy (HIKE) and modeled by DFT calculations. <i>Chemical Physics Letters</i> , 2008, 464, 192-197.	2.6	16

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73	On the origin of a third spectral component of C1s XPS-spectra for nc-TiC/a-C nanocomposite thin films. <i>Surface and Coatings Technology</i> , 2008, 202, 3563-3570.	4.8	160
74	Absolute core-level binding energy shifts between atom and solid: The Born-Haber cycle revisited for free nanoscale metal clusters. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2008, 166-167, 38-44.	1.7	13
75	The valence band of free K clusters studied by photoelectron and Auger spectroscopies. <i>European Physical Journal D</i> , 2008, 50, 165-169.	1.3	4
76	High-kinetic-energy photoemission spectroscopy of Ni at $s_{1/2}$: 6-eV satellite at 4 eV. <i>Physical Review B</i> , 2008, 78, .	3.2	20
77	Electronic Rearrangement upon the Hydrolyzation of Aqueous Formaldehyde Studied by Core-Electron Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16642-16646.	2.6	16
78	Solvent Effect of Alcohols at the L-Edge of Iron in Solution: X-ray Absorption and Multiplet Calculations. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12571-12574.	2.6	25
79	Size dependent fragmentation of argon clusters in the soft x-ray ionization regime. <i>Journal of Chemical Physics</i> , 2008, 128, 044317.	3.0	2
80	Detailed theoretical and experimental description of normal Auger decay in O_{2^+} . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 125101.	1.5	16
81	A method to characterize electronic states of 4s ionized Rb by combined laser and synchrotron spectroscopy. <i>Europhysics Letters</i> , 2008, 83, 53001.	2.0	6
82	Adsorption of chloromethane molecules on free argon clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 085102.	1.5	1
83	Photoelectron spectroscopy study of free potassium clusters: Core-level lines and plasmon satellites. <i>Physical Review A</i> , 2008, 77, .	2.5	18
84	Neighbor-induced photoelectron recapture in argon clusters: A photon-energy-dependent study of Auger spectra. <i>Physical Review A</i> , 2008, 78, .	2.5	8
85	Synchrotron radiation study of chloromethane clusters: Effects of polarizability and dipole moment on core level chemical shifts. <i>Journal of Chemical Physics</i> , 2007, 127, 024302.	3.0	10
86	Adsorption of polar molecules on krypton clusters. <i>Journal of Chemical Physics</i> , 2007, 127, 084313.	3.0	3
87	Self-assembled heterogeneous argon/neon core-shell clusters studied by photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2007, 126, 214706.	3.0	33
88	Localized versus delocalized excitations just above the 3d threshold in krypton clusters studied by Auger electron spectroscopy. <i>Journal of Chemical Physics</i> , 2007, 127, 124314.	3.0	5
89	Size determination of free metal clusters by core-level photoemission from different initial charge states. <i>Physical Review B</i> , 2007, 76, .	3.2	30
90	Core-level electron spectroscopy on the sodium dimer Na_2 level. <i>Physical Review A</i> , 2007, 75, .	2.5	6

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91	Free nanoscale sodium clusters studied by core-level photoelectron spectroscopy. Physical Review B, 2007, 75, .	3.2	29
92	The role of molecular polarity in cluster local structure studied by photoelectron spectroscopy. Chemical Physics Letters, 2007, 435, 79-83.	2.6	8
93	Resolving the geometry of biomolecules imaged by cryo electron tomography. Journal of Microscopy, 2007, 228, 174-184.	1.8	3
94	Experimental evidence for molecular ultrafast dissociation in O ₂ clusters. European Physical Journal D, 2007, 42, 253-257.	1.3	3
95	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
96	Two size regimes of methanol clusters produced by adiabatic expansion. Journal of Chemical Physics, 2006, 125, 184303.	3.0	7
97	Size of neutral argon clusters from core-level photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2006, 8, 1891-1898.	2.8	34
98	Using a fuzzy framework for delineation and decomposition of Immunoglobulin G in cryo electron tomographic images. , 2006, , .		3
99	The far from equilibrium structure of argon clusters doped with krypton or xenon. Physical Chemistry Chemical Physics, 2006, 8, 1899-1905.	2.8	30
100	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
101	Specific production of very long-lived core-excited sulfur atoms by 2p π^* excitation of the OCS molecule followed by ultrafast dissociation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, L269-L275.	1.5	15
102	First observation of vibrations in core-level photoelectron spectra of free neutral molecular clusters. Chemical Physics Letters, 2006, 429, 109-113.	2.6	18
103	Sample Preserving Deep Interface Characterization Technique. Physical Review Letters, 2006, 97, 266106.	7.8	38
104	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
105	Preferential site occupancy of krypton atoms on free argon-cluster surfaces. Journal of Chemical Physics, 2006, 125, 014305.	3.0	16
106	Magnetron-based source of neutral metal vapors for photoelectron spectroscopy. Review of Scientific Instruments, 2006, 77, 033106.	1.3	15
107	5p photoemission from laser-excited cesium atoms. Physical Review A, 2006, 73, .	2.5	12
108	Laser excitation combined with 2p photoionization and Auger decay of potassium. Physical Review A, 2006, 73, .	2.5	25

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109	Effects of initial-state laser excitation on inner-shell photoionization and Auger decay of Rb. <i>Physical Review A</i> , 2006, 74, .	2.5	16
110	Preferential site occupancy observed in coexpanded argon-krypton clusters. <i>Physical Review A</i> , 2006, 74, .	2.5	27
111	Characterization of weakly excited final states by shakedown spectroscopy of laser-excited potassium. <i>Physical Review A</i> , 2006, 74, .	2.5	14
112	Enhanced surface sensitivity in AES relative to XPS observed in free argon clusters. <i>Surface Science</i> , 2005, 594, 12-19.	1.9	23
113	Photon energy dependence of fragmentation of small argon clusters. <i>Journal of Chemical Physics</i> , 2005, 123, 194301.	3.0	15
114	Postcollision interaction in noble gas clusters: Observation of differences in surface and bulk line shapes. <i>Journal of Chemical Physics</i> , 2005, 123, 211101.	3.0	23
115	Shakedown in core photoelectron spectra from aligned laser-excited Na atoms. <i>Physical Review A</i> , 2005, 72, .	2.5	19
116	Resonant Auger spectroscopy of argon clusters at the 2p threshold. <i>Physical Review A</i> , 2005, 71, .	2.5	10
117	Final state selection in the 4p photoemission of Rb by combining laser spectroscopy with soft-x-ray photoionization. <i>Physical Review A</i> , 2005, 72, .	2.5	21
118	Constant-atomic-final-state filtering of dissociative states in the O 1s σ^*_{1f} core excitation in O ₂ . <i>Journal of Chemical Physics</i> , 2005, 123, 064314.	3.0	20
119	Angular distribution of different vibrational components of the X and B states reached after resonant Auger decay of core-excited H ₂ O: Experiment and theory. <i>Journal of Chemical Physics</i> , 2005, 122, 084306.	3.0	19
120	Ionic-like energy structure of neutral core-excited states in free Kr clusters. <i>Physical Review A</i> , 2005, 72, .	2.5	11
121	Soft x-ray photoionization of atoms and molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, S821-S838.	1.5	43
122	The electronic structure of free water clusters probed by Auger electron spectroscopy. <i>Journal of Chemical Physics</i> , 2005, 123, 054310.	3.0	80
123	A study of the inner-valence ionization region in HCl and DCl. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 1173-1183.	1.5	4
124	Variable surface composition and radial interface formation in self-assembled free, mixed Ar ⁺ •Xe clusters. <i>Physical Review A</i> , 2004, 69, .	2.5	66
125	The size of neutral free clusters as manifested in the relative bulk-to-surface intensity in core level photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2004, 120, 345-356.	3.0	82
126	Femtosecond Interatomic Coulombic Decay in Free Neon Clusters: Large Lifetime Differences between Surface and Bulk. <i>Physical Review Letters</i> , 2004, 93, 173401.	7.8	173

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127	Generalization of the duration-time concept for interpreting high-resolution resonant photoemission spectra. <i>Physical Review A</i> , 2004, 69, .	2.5	25
128	Profile of resonant photoelectron spectra versus the spectral function width and photon frequency detuning. <i>Physical Review A</i> , 2004, 70, .	2.5	3
129	From localised to delocalised electronic states in free Ar, Kr and Xe clusters. <i>European Physical Journal D</i> , 2004, 30, 343-351.	1.3	40
130	A quantitative analysis of the N 1s π^* photoabsorption profile in N ₂ : new spectroscopical constants for the core-excited state. <i>Chemical Physics Letters</i> , 2004, 383, 222-229.	2.6	21
131	Role of stray light in the formation of high-resolution resonant photoelectron spectra: an experimental and theoretical study of N ₂ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 134, 49-65.	1.7	7
132	A study of the electronic structure of ethylenedioxythiophene in gas phase using NEXAFS and quantum chemical calculations. <i>Chemical Physics Letters</i> , 2004, 392, 100-104.	2.6	7
133	Radial surface segregation in free heterogeneous argon/krypton clusters. <i>Chemical Physics Letters</i> , 2004, 392, 433-438.	2.6	41
134	Vibronic coupling in the ground and excited states of the naphthalene cation. <i>Chemical Communications</i> , 2004, , 1702-1703.	4.1	30
135	Evidence of ultra-fast dissociation in ammonia observed by resonant Auger electron spectroscopy. <i>Chemical Physics Letters</i> , 2003, 370, 781-788.	2.6	33
136	Valence photoionization and resonant core excitation of ozone – experimental and theoretical study of the Clf-state of O ₃ ⁺ . <i>Chemical Physics Letters</i> , 2003, 375, 76-83.	2.6	8
137	Selective probing of the electronic structure of free clusters using resonant core-level spectroscopy. <i>Chemical Physics</i> , 2003, 289, 3-13.	1.9	58
138	Is there interference in the resonant Auger electron spectra of N 1s and O 1s π^* core excited NO?. <i>Chemical Physics</i> , 2003, 289, 31-44.	1.9	20
139	Picturing molecular femtosecond processes through an ultra-fast controllable X-ray shutter. <i>Chemical Physics</i> , 2003, 289, 51-56.	1.9	6
140	Influence of chemical bonds on the lifetime of the molecular-field-split 2 levels in H ₂ S. <i>Physical Review A</i> , 2003, 67, .	2.5	12
141	Probing doubly excited ionic states of N ₂ via a triple excitation above the N 1s threshold in the N ₂ molecule. <i>Physical Review A</i> , 2003, 67, .	2.5	8
142	Geometrical information on core-excited states obtained from interference quenching of vibrational states in resonant x-ray photoemission. <i>Physical Review A</i> , 2003, 67, .	2.5	9
143	Observation of elastic scattering effects on photoelectron angular distributions in free Xe clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3937-3949.	1.5	42
144	Interference Quenching of $\frac{1}{2}\pi^2\pi^2=1$ Vibrational Line in Resonant Photoemission of N ₂ : A Possibility to Obtain Geometrical Information on the Core-Excited State. <i>Physical Review Letters</i> , 2002, 89, 103002.	7.8	17

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145	Spin-orbit selectivity observed for the $\text{HCl}+(\chi_{1f}^2)$ state using resonant photoemission. <i>Physical Review A</i> , 2002, 65, .	2.5	11
146	“Hidden” vibrations in CO: Reinvestigation of resonant Auger decay for the $\text{C1s} \rightarrow \pi^*$ excitation. <i>Physical Review A</i> , 2002, 65, .	2.5	7
147	Toward the Spectrum of Free Polyethylene: Linear Alkanes Studied by Carbon 1s Photoelectron Spectroscopy and Theory. <i>Journal of the American Chemical Society</i> , 2002, 124, 7866-7873.	13.7	41
148	High resolution C1s and S2p photoelectron spectra of thiophene. <i>Journal of Chemical Physics</i> , 2002, 117, 7587-7592.	3.0	16
149	Vibrational structure and vibronic coupling in the carbon 1s photoelectron spectra of benzene and deuterobenzene. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5937-5943.	2.8	34
150	Vibrationally resolved photoelectron spectra of the carbon 1s and nitrogen 1s shells in hydrogen cyanide. <i>Chemical Physics</i> , 2002, 277, 83-90.	1.9	9
151	The dynamic Auger “Doppler effect in HF and DF: control of fragment velocities in femtosecond dissociation through photon energy detuning. <i>Chemical Physics Letters</i> , 2002, 354, 382-388.	2.6	26
152	Mapping potential energy surfaces by core electron excitation: the resonant Auger decay spectrum of BF_3 . <i>Chemical Physics Letters</i> , 2002, 359, 48-54.	2.6	26
153	Femtosecond dissociation of ozone studied by the Auger Doppler effect. <i>Journal of Chemical Physics</i> , 2001, 115, 3614-3620.	3.0	45
154	Resonant photoemission and Auger emission from molecules. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2001, 114-116, 1-14.	1.7	28
155	Beam line I411 at MAX II performance and first results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 469, 382-393.	1.6	218
156	Subtle Differences in Dissociation Rates of Interactions between Destabilized Human Carbonic Anhydrase II Mutants and Immobilized Benzenesulfonamide Inhibitors Probed by a Surface Plasmon Resonance Biosensor. <i>Analytical Biochemistry</i> , 2001, 296, 188-196.	2.4	15
157	Dynamical suppression of atomic peaks in resonant dissociative photoemission. <i>Chemical Physics Letters</i> , 2001, 343, 332-338.	2.6	15
158	Evidence for ultra-fast dissociation of molecular water from resonant Auger spectroscopy. <i>Chemical Physics Letters</i> , 2001, 334, 151-158.	2.6	114
159	Filtering core excitation spectra: vibrationally resolved constant ionic state studies of $\text{N 1s} \rightarrow \pi^*$ core-excited NO. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 4417-4426.	1.5	16
160	Interference between direct and resonant channels in near-resonance photoemission in argon. <i>Physical Review A</i> , 2001, 63, .	2.5	12
161	Nuclear motion driven by the Renner “Teller effect as observed in the resonant Auger decay to the χ_{1f}^2 electronic ground state of N_2O^+ . <i>Journal of Chemical Physics</i> , 2001, 115, 864-869.	3.0	31
162	Nonadiabatic effects in photoelectron spectra of HCl and DCl. I. Experiment. <i>Physical Review A</i> , 2001, 65, .	2.5	12

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163	Evidence against atomiclike resonant Auger decay in N ₂ doubly excited core states by high-resolution experiments. <i>Physical Review A</i> , 2001, 64, .	2.5	9
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328	Editing 3D binary images using distance transforms. , 0, , .		3
329	Representing volumetric vascular structures using curve skeletons. , 0, , .		2
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