Nobuhiro Kosugi

List of Publications by Year
in descending order

246 papers	6,644 citations	71004 43 h-index	100535 70 g-index
254 all docs	254 docs citations	254 times ranked	7096 citing authors

#	Article	IF	Citations
1	Hydrophobic Cluster Formation in Aqueous Ethanol Solutions Probed by Soft X-ray Absorption Spectroscopy. Journal of Physical Chemistry B, 2022, 126, 4948-4955.	1.2	4
2	Aqueous-phase behavior of glyoxal and methylglyoxal observed with carbon and oxygen K-edge X-ray absorption spectroscopy. Atmospheric Chemistry and Physics, 2021, 21, 2881-2894.	1.9	5
3	Improved Skin Permeability after Topical Treatment with Serine Protease: Probing the Penetration of Rapamycin by Scanning Transmission X-ray Microscopy. ACS Omega, 2021, 6, 12213-12222.	1.6	9
4	Soft X-ray Absorption Spectroscopy for Observing Element-specific Intermolecular Interaction in Solution Chemistry. Chemistry Letters, 2021, 50, 956-964.	0.7	9
5	Substituent effects in aqueous solutions of carboxylate salts studied by x-ray absorption spectroscopy at the oxygen K-edge. Journal of Chemical Physics, 2021, 155, 014306.	1.2	2
6	Emergence of nearly flat bands through a kagome lattice embedded in an epitaxial two-dimensional Ge layer with a bitriangular structure. Physical Review B, 2020, 102, .	1.1	4
7	Investigation of solvated calcium dication structure in pure water, methanol, and ethanol solutions by means of K and L2,3-edges X-ray absorption spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2020, 244, 146984.	0.8	7
8	A low-pass filtering Fresnel zone plate for soft x-ray microscopic analysis down to the lithium K-edge region. Review of Scientific Instruments, 2020, 91, 103110.	0.6	2
9	Bulk and Surface Band Dispersion Mapping of the Au(111) Surface by Acceptance-cone Tunable PES System. E-Journal of Surface Science and Nanotechnology, 2020, 18, 18-23.	0.1	6
10	Microheterogeneity in Aqueous Acetonitrile Solution Probed by Soft X-ray Absorption Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 1259-1265.	1.2	21
11	Soft X-ray Absorption Spectroscopy of Liquids for Understanding Chemical Processes in Solution. Analytical Sciences, 2020, 36, 95-99.	0.8	17
12	Laminar flow in microfluidics investigated by spatially-resolved soft X-ray absorption and infrared spectroscopy. Journal of Chemical Physics, 2019, 151, 114201.	1.2	8
13	Acceptance-cone-tunable electron spectrometer for highly-efficient constant energy mapping. Review of Scientific Instruments, 2019, 90, 093102.	0.6	18
14	Hybrid films of cellulose nanofibrils, chitosan and nanosilicaâ€”Structural, thermal, optical, and mechanical properties. Carbohydrate Polymers, 2019, 218, 87-94.	5.1	26
15	Identification of Twinning-induced Edges on the Cleaved Graphite Crystal Surface. Journal of the Physical Society of Japan, 2019, 88, 114704.	0.7	12
16	Real-time observation of electronic, vibrational, and rotational dynamics in nitric oxide with attosecond soft x-ray pulses at 400â€‰â€‰eV. Optica, 2019, 6, 1542.	4.8	66
17	Intermolecular Interactions of Pyridine in Liquid Phase and Aqueous Solution Studied by Soft X-ray Absorption Spectroscopy. Zeitschrift Fur Physikalische Chemie, 2018, 232, 705-722.	1.4	21
18	Orbital-specific electronic interaction in crystalline films of iron phthalocyanine grown on Au(111) probed by angle-resolved photoemission spectroscopy. Materials Chemistry Frontiers, 2018, 2, 609-614.	3.2	8

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19	Reliable absorbance measurement of liquid samples in soft X-ray absorption spectroscopy in transmission mode. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 93-99.	0.8	30
20	Morphology control in polymerised high internal phase emulsion templated via macro-RAFT agent composition: visualizing surface chemistry. Polymer Chemistry, 2018, 9, 213-220.	1.9	6
21	3-Dimensional Chemical Structures of an Isolated Cell Nucleus by a Scanning Transmission X-ray Microscope. Microscopy and Microanalysis, 2018, 24, 400-401.	0.2	1
22	Temperature-Dependent Structural Changes in Liquid Benzene. Journal of Physical Chemistry Letters, 2018, 9, 5827-5832.	2.1	13
23	Photoelectron Angular Distribution Induced by Weak Intermolecular Interaction in Highly Ordered Aromatic Molecules. Journal of Physical Chemistry C, 2018, 122, 26472-26479.	1.5	8
24	Origin of magnetic properties in carbon implanted ZnO nanowires. Scientific Reports, 2018, 8, 7758.	1.6	40
25	Mapping Highly Efficient Mixed-cation Pseudohalide-perovskite Solar Cells with a Scanning Transmission X-ray Microscope. Microscopy and Microanalysis, 2018, 24, 462-463.	0.2	0
26	STXM Chemical Mapping of Norway Spruce Knotwood Lignans. Microscopy and Microanalysis, 2018, 24, 482-483.	0.2	2
27	Highly Efficient 2D/3D Hybrid Perovskite Solar Cells via Lowâ€Pressure Vaporâ€Assisted Solution Process. Advanced Materials, 2018, 30, e1801401.	11.1	154
28	Unusual Water Hydrogen Bond Network around Hydrogenated Nanodiamonds. Journal of Physical Chemistry C, 2017, 121, 5185-5194.	1.5	104
29	Development of In-Situ/Operando Sample Cells for Soft X-ray Transmission Spectromicroscopy at UVSOR-III Synchrotron. Synchrotron Radiation News, 2017, 30, 3-7.	0.2	3
30	Integration of Active Nickel Oxide Clusters by Amino Acids for Water Oxidation. Journal of Physical Chemistry C, 2017, 121, 255-260.	1.5	15
31	High Hole-Mobility Molecular Layer Made from Strong Electron Acceptor Molecules with Metal Adatoms. Journal of Physical Chemistry Letters, 2017, 8, 5366-5371.	2.1	15
32	Interaction between Water and Alkali Metal Ions and Its Temperature Dependence Revealed by Oxygen K-Edge X-ray Absorption Spectroscopy. Journal of Physical Chemistry B, 2017, 121, 10957-10964.	1.2	41
33	Resonant inelastic x-ray scattering and photoemission measurement of O2: Direct evidence for dependence of Rydberg-valence mixing on vibrational states in O 1sâ€ˆâ†' Rydberg states. Journal of Chemical Physics, 2017, 147, 044310.	1.2	6
34	Investigation of Measurement Condition for 3-Dimensional Spectroscopy by Scanning Transmission X-ray Microscopy. Journal of Physics: Conference Series, 2017, 849, 012044.	0.3	1
35	Soft X-ray Absorption Spectroscopy in Transmission Mode: Chemical Shifts and Technical Developments for Chemical State Analysis of Interacting Molecular Systems. Journal of the Vacuum Society of Japan, 2016, 59, 301-306.	0.3	0
36	Improve Hole Collection by Interfacial Chemical Redox Reaction at a Mesoscopic NiO/CH₃NH₃PbI₃ Heterojunction for Efficient Photovoltaic Cells. Advanced Materials Interfaces, 2016, 3, 1600135.	1.9	18

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37	Observation of DNA and protein distributions in mammalian cell nuclei using STXM. AIP Conference Proceedings, 2016, , .	0.3	3
38	Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray spectromicroscopy. Journal of Controlled Release, 2016, 242, 64-70.	4.8	31
39	Site-Specific Organic/Metal Interaction Revealed from Shockley-Type Interface State. Journal of Physical Chemistry C, 2016, 120, 24307-24313.	1.5	14
40	Impacts of Conformational Geometries in Fluorinated Alkanes. Scientific Reports, 2016, 6, 31382.	1.6	4
41	Development of in-situ sample cells for scanning transmission x-ray microscopy. AIP Conference Proceedings, 2016, , .	0.3	4
42	X-ray and Electron Spectroscopy of Water. Chemical Reviews, 2016, 116, 7551-7569.	23.0	143
43	Local Structure Analysis of Electrochemical Reaction by Soft X-ray Absorption Spectroscopy. Bunseki Kagaku, 2015, 64, 163-172.	0.1	1
44	Visualizing chemical states and defects induced magnetism of graphene oxide by spatially-resolved-X-ray microscopy and spectroscopy. Scientific Reports, 2015, 5, 15439.	1.6	31
45	Fluorination-dependent molecular orbital occupancy in ring-shaped perfluorocarbons. Physical Chemistry Chemical Physics, 2015, 17, 18337-18343.	1.3	6
46	Development and application of in situ/operando soft X-ray transmission cells to aqueous solutions and catalytic and electrochemical reactions. Journal of Electron Spectroscopy and Related Phenomena, 2015, 200, 293-310.	0.8	32
47	Selective Probing of the Penetration of Dexamethasone into Human Skin by Soft X-ray Spectromicroscopy. Analytical Chemistry, 2015, 87, 6173-6179.	3.2	23
48	Probing Interfacial Water on Nanodiamonds in Colloidal Dispersion. Journal of Physical Chemistry Letters, 2015, 6, 2909-2912.	2.1	54
49	In Situ Soft X-ray Absorption Spectroscopy Applied to Solidâ€“Liquid Heterogeneous Cyanopyrazine Hydration Reaction on Titanium Oxide Catalyst. Journal of Physical Chemistry C, 2015, 119, 7738-7745.	1.5	22
50	Realization of a Strained Atomic Wire Superlattice. ACS Nano, 2015, 9, 10621-10627.	7.3	13
51	Direct Observation of Active Nickel Oxide Cluster in Nickelâ€“Borate Electrocatalyst for Water Oxidation by In Situ O K-Edge X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 19279-19286.	1.5	80
52	Systematic study on intermolecular valence-band dispersion in molecular crystalline films. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 61-67.	0.8	7
53	In operando observation system for electrochemical reaction by soft X-ray absorption spectroscopy with potential modulation method. Review of Scientific Instruments, 2014, 85, 104105.	0.6	38
54	Site-specific intermolecular valence-band dispersion in Î±-phase crystalline films of cobalt phthalocyanine studied by angle-resolved photoemission spectroscopy. Journal of Chemical Physics, 2014, 141, 224701.	1.2	7

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55	2s-Excitation and Photoionization of Neon Clusters. Zeitschrift Fur Physikalische Chemie, 2014, 228, 387-403.	1.4	5
56	Observation of the origin of d⁰magnetism in ZnO nanostructures using X-ray-based microscopic and spectroscopic techniques. Nanoscale, 2014, 6, 9166.	2.8	57
57	Local Structures of Methanolâ€“Water Binary Solutions Studied by Soft X-ray Absorption Spectroscopy. Journal of Physical Chemistry B, 2014, 118, 4388-4396.	1.2	81
58	Electrochemical Reaction of Aqueous Iron Sulfate Solutions Studied by Fe L-Edge Soft X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 16343-16348.	1.5	54
59	Single-Molecule X-Ray Interferometry: Controlling Coupled Electron-Nuclear Quantum Dynamics and Imaging Molecular Potentials by Ultrahigh-Resolution Resonant Photoemission andÂbÂInitioCalculations. Physical Review X, 2013, 3, .	2.8	16
60	Self-Assembled Nanowires with Giant Rashba Split Bands. Physical Review Letters, 2013, 110, 036801.	2.9	68
61	Transmission-grating spectrometer for highly efficient and high-resolution soft X-ray emission studies. Journal of Electron Spectroscopy and Related Phenomena, 2013, 188, 155-160.	0.8	9
62	Probing orbital symmetry in solution: polarization-dependent resonant inelastic soft x-ray scattering on liquid micro-jet. New Journal of Physics, 2013, 15, 093025.	1.2	14
63	Formation of Carbon Nanotube/n-Type 6H-SiC Heterojunction by Surface Decomposition of SiC and Its Electric Properties. Japanese Journal of Applied Physics, 2013, 52, 06GD01.	0.8	0
64	Substituent-Induced Intermolecular Interaction in Organic Crystals Revealed by Precise Band-Dispersion Measurements. Physical Review Letters, 2013, 111, 086602.	2.9	31
65	Construction of the Scanning Transmission X-ray Microscope Beamline at UVSOR. Journal of Physics: Conference Series, 2013, 463, 012006.	0.3	29
66	Vibrational scattering anisotropy in O2â€”dynamics beyond the Bornâ€“Oppenheimer approximation. New Journal of Physics, 2012, 14, 113018.	1.2	30
67	Structures of mixed argon-nitrogen clusters. Journal of Chemical Physics, 2012, 137, 214305.	1.2	8
68	Band alignment of a carbon nanotube/n-type 6H-SiC heterojunction formed by surface decomposition of SiC using photoelectron spectroscopy. Applied Physics Letters, 2012, 101, 092106.	1.5	8
69	Rydberg-valence mixing and interchannel coupling in resonant oxygen<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mi>s</mml:mi></mml:mrow></mml:math>inelastic x-ray scattering of O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review A, 2012, 85, .	1.0	13
70	Structures of small mixed krypton-xenon clusters. Journal of Chemical Physics, 2012, 136, 234312.	1.2	5
71	Gas-to-solid shift of C 1s-excited benzene. Physical Chemistry Chemical Physics, 2012, 14, 9397.	1.3	15
72	Correlation between<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-type conductivity and electronic structure of Cr-deficient CuCr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	9

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73	Nitrogen-Functionalized Graphene Nanoflakes (GNFs:N): Tunable Photoluminescence and Electronic Structures. Journal of Physical Chemistry C, 2012, 116, 16251-16258.	1.5	51
74	Hybridized electronic states in potassium-doped picene probed by soft x-ray spectroscopies. AIP Advances, 2012, 2, 042114.	0.6	6
75	Imaging molecular potentials using ultrahigh-resolution resonant photoemission. Nature Physics, 2012, 8, 135-138.	6.5	66
76	The Chemical Bond in Carbonyl and Sulfinyl Groups Studied by Soft Xâ€ray Spectroscopy and ab Initio Calculations. ChemPhysChem, 2012, 13, 3106-3111.	1.0	12
77	Multimode Resonant Auger Scattering from the Ethene Molecule. Journal of Physical Chemistry B, 2011, 115, 5103-5112.	1.2	11
78	Incommensurate Crystalline phase of n-Alkane Monolayers on Graphite (0001). Journal of Physical Chemistry C, 2011, 115, 5720-5725.	1.5	17
79	High-resolution soft X-ray photoelectron spectroscopy of liquid water. Physical Chemistry Chemical Physics, 2011, 13, 413-417.	1.3	85
80	Site-specific intermolecular interaction in Î±-phase crystalline films of phthalocyanines studied by soft x-ray emission spectroscopy. Journal of Chemical Physics, 2011, 135, 034704.	1.2	4
81	Inner-shell spectroscopy and exchange interaction of Rydberg electrons bound by singly and doubly charged Kr and Xe atoms in small clusters. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, 29-35.	0.8	15
82	Orientation of n-alkane in thin films on graphite (0001) studied using C K-NEXAFS. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 257-260.	0.8	10
83	Characterization of an Organic Field-Effect Thin-Film Transistor in Operation Using Fluorescence-Yield X-Ray Absorption Spectroscopy. Physical Review Letters, 2011, 107, 147401.	2.9	12
84	Development of a liquid flow cell to measure soft X-ray absorption in transmission mode: A test for liquid water. Journal of Electron Spectroscopy and Related Phenomena, 2010, 177, 130-134.	0.8	84
85	Vibrational Scattering Anisotropy Generated by Multichannel Quantum Interference. Physical Review Letters, 2010, 105, 093002.	2.9	18
86	Systematic Study on Ce:LuLiF4as a Fast Scintillator Using Storage Ring Free-Electron Lasers. Japanese Journal of Applied Physics, 2010, 49, 122602.	0.8	3
87	Systematic Study of Soft X-ray Spectra of Poly(Dg)Â·Poly(Dc) and Poly(Da)Â·Poly(Dt) DNA Duplexes. Journal of Physical Chemistry B, 2010, 114, 7016-7021.	1.2	24
88	Theoretical studies of angle-resolved ion yield spectra of core-to-valence transitions of acetylene. Journal of Chemical Physics, 2009, 130, 114302.	1.2	9
89	Strong double excitation and open-shell features in the near-edge x-ray absorption fine structure spectroscopy of ferrocene and ferrocenium compounds. Journal of Chemical Physics, 2009, 131, 114313.	1.2	18
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91	Origin of fine structures on the dissociative 1sâ†'Ïƒâˆ— resonance in X-ray absorption spectra of O2. Chemical Physics Letters, 2009, 476, 147-150.	1.2	11
92	Exchange interaction in Kr 3d excitations of small krypton clusters. Journal of Electron Spectroscopy and Related Phenomena, 2008, 166-167, 16-20.	0.8	7
93	Electron Dynamics in Charge-Transfer-to-Solvent States of Aqueous Chloride Revealed by Cl^{â¯} 2p Resonant Auger-Electron Spectroscopy. Journal of the American Chemical Society, 2008, 130, 7130-7138.	6.6	37
94	Site-Dependent Spectral Shifts in Core-to-Ï€* Excitations of Pyridine Clusters. Journal of Physical Chemistry A, 2008, 112, 9192-9199.	1.1	16
95	Core localization and Ïƒâˆ— delocalization in the O 1s core-excited sulfur dioxide molecule. Journal of Chemical Physics, 2008, 128, 114311.	1.2	5
96	Decay Channel Dependence of the Photoelectron Angular Distributions in Core-Level Ionization of Ne Dimers. Physical Review Letters, 2008, 101, 043004.	2.9	40
97	Characterization of Ce:LuLiF<inf>4</inf> as fast scintillator using storage ring free-electron lasers. , 2008, , .		0
98	Geometric and electronic structures of NO dimer layers on Rh(111) studied with near edge x-ray absorption fine structure spectroscopy: Experiment and theory. Journal of Chemical Physics, 2007, 127, 024701.	1.2	10
99	Present Status of UVSOR-II. AIP Conference Proceedings, 2007, , .	0.3	2
100	Electronic states of the DNA polynucleotides poly(dG)-poly(dC) in the presence of iodine. Physical Review B, 2007, 75, .	1.1	16
101	Autoionization dynamics of core-valence doubly excited states inN2. Physical Review A, 2007, 75, .	1.0	5
102	Ab Initio Calculations for Inner-Shell Ionized and Excited States of Molecular Pyridine Clusters. AIP Conference Proceedings, 2007, , .	0.3	0
103	Calculation of K-edge circular dichroism of amino acids: Comparison of random phase approximation with other methods. Journal of Chemical Physics, 2007, 126, 245101.	1.2	14
104	The vibrational structure of a conjugate shake-up satellite band in the C 1s core-level photoemission of CO. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 274-278.	0.8	2
105	C 1s â†' Ï€* excitation in variable size benzene clusters. Physical Chemistry Chemical Physics, 2006, 8, 1906-1913.	1.3	26
106	Application ofRmatrix/MQDT method to valence and core excitations in NO. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1797-1811.	0.6	6
107	Valence in the Rydberg/continuum region in molecular inner-shell spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1203-1207.	0.8	8
108	Vibronic couplings in the C 1s-Rydberg and valence excitations of C2H2, revealed by angle-resolved photoion yield spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 215-218.	0.8	6

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109	Ab initio R-matrix/multi-channel quantum defect theory applied to molecular core excitation and ionization. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1223-1226.	0.8	5
110	Design of a novel transmission-grating spectrometer for soft X-ray emission studies. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1059-1062.	0.8	12
111	S 2p excited states of OCS in rare gas matrices. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 87-89.	0.8	0
112	Orbital picture in molecular inner-shell excited states of Rydberg-valence mixed character. Brazilian Journal of Physics, 2005, 35, 957-960.	0.7	2
113	Symmetry-resolved soft x-ray absorption spectroscopy: its application to simple molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, R127-R152.	0.6	69
114	Core excitation in O3 localized to one of two symmetry-equivalent chemical bonds: Molecular alignment through vibronic coupling. Journal of Chemical Physics, 2005, 122, 154303.	1.2	3
115	Photoionization of small krypton clusters in the Kr 3d regime: Evidence for site-specific photoemission. Journal of Chemical Physics, 2005, 123, 154304.	1.2	42
116	Ab Initio RMatrixMQDT Method for NearEdge Xray Absorption Fine Structure. Physica Scripta, 2005, , 136.	1.2	2
117	AB INITIO R-MATRIX/MULTI-CHANNEL QUANTUM DEFECT THEORY APPROACH TO STUDY MOLECULAR CORE EXCITATION AND IONIZATION: GSCF4R. Journal of Theoretical and Computational Chemistry, 2005, 04, 35-47.	1.8	6
118	Electronic Structure of Bases in DNA Duplexes Characterized byResonant Photoemission Spectroscopy Near the Fermi Level. Physical Review Letters, 2004, 93, 086403.	2.9	33
119	Design of a transmission grating spectrometer and an undulator beamline for soft x-ray emission studies. AIP Conference Proceedings, 2004, , .	0.3	38
120	Spin-forbidden shake-up states of OCS molecule studied by resonant photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 351-355.	0.8	7
121	Ar 2p excited states of argon in non-polar media. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 435-439.	0.8	6
122	Spinâ€“orbit and exchange interactions in molecular inner shell spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 335-343.	0.8	19
123	Metal-to-ligand charge transfer in polarized metal L-edge X-ray absorption of Ni and Cu complexes. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 67-75.	0.8	9
124	Cu L2,3-edge X-ray absorption spectra of (2,5-dimethyl-N,Nâ€²-dicyanoquinonediimine)2Li1â^'xCux alloys. Chemical Physics, 2004, 298, 189-193.	0.9	2
125	Cluster size effects in core excitons of 1s-excited nitrogen. Journal of Chemical Physics, 2004, 121, 8343.	1.2	26
126	Angle-resolved photoion spectroscopy of NO2 and SO2. Chemical Physics, 2003, 289, 15-29.	0.9	41

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127	Exchange interaction in core excitation of diatomic systems. Chemical Physics, 2003, 289, 117-134.	0.9	36
128	Sulfur 1s excitation of S2 and S8: Coreâ€“valence- and valenceâ€“valenceâ€“exchange interaction and geometry-specific transitions. Journal of Chemical Physics, 2002, 116, 3316-3322.	1.2	19
129	Double and triple excitations near theK-shell ionization threshold ofN2revealed by symmetry-resolved spectroscopy. Physical Review A, 2002, 66, .	1.0	32
130	Spectroscopy Studies of Temperature-Induced Valence Transition on EuNi2(Si1-xGex)2 around Eu 3dâ€“4f, 4dâ€“4f and Ni 2pâ€“3d Excitation Regions. Journal of the Physical Society of Japan, 2002, 71, 148-155.	0.7	23
131	MOLECULAR INNER-SHELL SPECTROSCOPY: POLARIZATION DEPENDENCE AND CHARACTERIZATION OF UNOCCUPIED STATES. Advanced Series in Physical Chemistry, 2002, , 228-284.	1.5	9
132	Adsorption of merocyanine dye on rutile TiO2(1 1 0). Chemical Physics Letters, 2002, 360, 133-138.	1.2	19
133	Valence excitations observed in resonant soft X-ray emission spectra of K2Ni(CN)4Â·H2O at the Ni 2p edge. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 909-913.	0.8	3
134	Resonant X-ray emission spectra of K2Ni(CN)4.H2O at the NiK-edge. Journal of Synchrotron Radiation, 2001, 8, 404-406.	1.0	0
135	Mg and AlK-edge XAFS measurements with a KTP crystal monochromator. Journal of Synchrotron Radiation, 2001, 8, 351-353.	1.0	6
136	Nuclear motion driven by the Rennerâ€“Teller effect as observed in the resonant Auger decay to the XÌƒ2Î electronic ground state of N2O+. Journal of Chemical Physics, 2001, 115, 864-869.	1.2	31
137	Memories of excited femtoseconds: effects of coreâ€“hole localization after Auger decay in the fragmentation of ozone. Chemical Physics Letters, 2000, 328, 177-187.	1.2	29
138	Molecular field and spinâ€“orbit splittings in the 2p ionization of second-row elements: a Breitâ€“Pauli approximation applied to OCS, SO2, and PF3. Chemical Physics Letters, 2000, 329, 138-144.	1.2	9
139	Partial electron yield spectrum of N2: doubly excited states at the K-shell threshold. Chemical Physics Letters, 2000, 320, 217-221.	1.2	19
140	Metal-to-ligand charge transfer bands observed in polarized Ni 2p photoabsorption spectra of [Ni(mnt)2]2â¯. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 827-832.	0.8	4
141	The sulphur 2p photoabsorption spectrum of NSF3. Chemical Physics, 1999, 247, 445-452.	0.9	3
142	Tautomeric structure ofN-salicylideneaniline derivatives studied by soft X-ray absorption spectroscopy and X-ray photoelectron spectroscopy. Journal of Synchrotron Radiation, 1999, 6, 781-783.	1.0	2
143	Strong metal-to-ligand charge transfer bands observed in NiK- andL-edge XANES of planar Ni complexes. Journal of Synchrotron Radiation, 1999, 6, 376-378.	1.0	14
144	Polarized NiK- andL-edge and SK-edge XANES study of [Ni(III)(mnt)2]1â¯. Journal of Synchrotron Radiation, 1999, 6, 379-380.	1.0	5

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145	A unified view of resonant photoemission of metallic, molecular, and correlated solid systems. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 443-447.	0.8	8
146	Vibronic coupling and valence mixing in the 1sâ†'Rydberg excited states of C2H2 in comparison with N2 and CO. Chemical Physics Letters, 1999, 309, 427-433.	1.2	25
147	Ni 2pâ€“3d photoabsorption and strong charge transfer satellites in divalent Ni complexes with molecular ligands. Evaluation of Ï€-back donation based on the density functional theory approach. Chemical Physics Letters, 1999, 311, 299-305.	1.2	19
148	Strong metal-to-ligand charge transfer bands in Ni 2p photoabsorption of K2Ni(CN)4Â·H2O. Chemical Physics Letters, 1998, 284, 320-324.	1.2	19
149	Resonant behavior of satellite photoelectrons in the Ni 3p and 3s region at the Ni 2p excitation of K2Ni(CN)4. Chemical Physics Letters, 1998, 287, 35-39.	1.2	5
150	Kinetic energy dependence of anisotropic yields of ionic fragmentations following S1s excitations of SO2. Chemical Physics Letters, 1998, 294, 559-564.	1.2	16
151	Present Status of the UVSOR Facility â€“ 1997. Journal of Synchrotron Radiation, 1998, 5, 1166-1169.	1.0	6
152	Inner-shell excitation of PF3, PCl3, PCl2CF3, OPF3 and SPF3. Chemical Physics, 1998, 238, 201-220.	0.9	10
153	Ni 2p resonant photoelectron spectra of some planar nickel complexes. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 235-239.	0.8	3
154	Ni 2p excitation spectra of some planar Ni complexes. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 405-409.	0.8	10
155	Molecular inner-shell spectroscopy of planar Ni complexes. Journal of Electron Spectroscopy and Related Phenomena, 1998, 92, 151-157.	0.8	11
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