

# Kevin Charles Prince

## List of Publications by Year in descending order

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421  
papers

13,695  
citations

20817

60  
h-index

38395

95  
g-index

426  
all docs

426  
docs citations

426  
times ranked

11560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Support nanostructure boosts oxygen transfer to catalytically active platinum nanoparticles. <i>Nature Materials</i> , 2011, 10, 310-315.	27.5	748
2	Maximum Noble-Metal Efficiency in Catalytic Materials: Atomically Dispersed Surface Platinum. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10525-10530.	13.8	384
3	SPELEEM: Combining LEEM and Spectroscopic Imaging. <i>Surface Review and Letters</i> , 1998, 05, 1287-1296.	1.1	242
4	Roadmap of ultrafast x-ray atomic and molecular physics. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 032003.	1.5	240
5	Dipole coupling and chemical shifts in IRAS of CO adsorbed on Cu(110). <i>Surface Science</i> , 1982, 123, 397-412.	1.9	209
6	An iras study of formic acid and surface formate adsorbed on Cu(110). <i>Surface Science</i> , 1983, 133, 589-604.	1.9	204
7	Alkali metal-induced reconstruction of Ag(110). <i>Solid State Communications</i> , 1983, 48, 325-328.	1.9	203
8	Coherent control with a short-wavelength free-electron laser. <i>Nature Photonics</i> , 2016, 10, 176-179.	31.4	197
9	Oxygen adsorption on silver (110): Dispersion, bonding and precursor state. <i>Surface Science</i> , 1986, 175, 101-122.	1.9	180
10	The gas-phase photoemission beamline at Elettra. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 565-568.	2.4	165
11	Double-core-hole spectroscopy for chemical analysis with an intense X-ray femtosecond laser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16912-16915.	7.1	165
12	Anisotropy of the order-disorder phase transition on the Pb(110) surface. <i>Physical Review Letters</i> , 1988, 60, 1146-1149.	7.8	151
13	A theoretical and experimental study of the near edge X-ray absorption fine structure (NEXAFS) and X-ray photoelectron spectra (XPS) of nucleobases: Thymine and adenine. <i>Chemical Physics</i> , 2008, 347, 360-375.	1.9	142
14	Wetting of Si surfaces by Au-Si liquid alloys. <i>Journal of Applied Physics</i> , 2003, 93, 3886-3892.	2.5	132
15	Oxygen and nitrogen interaction with rhodium single crystal surfaces. <i>Surface Science Reports</i> , 1998, 32, 165-231.	7.2	126
16	A Close Look at the Structure of the TiO <sub>2</sub> -APTES Interface in Hybrid Nanomaterials and Its Degradation Pathway: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2017, 121, 430-440.	3.1	123
17	Attosecond pulse shaping using a seeded free-electron laser. <i>Nature</i> , 2020, 578, 386-391.	27.8	116
18	Ceria reoxidation by CO <sub>2</sub> : A model study. <i>Journal of Catalysis</i> , 2010, 275, 181-185.	6.2	115

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19	Tautomerism in Cytosine and Uracil: An Experimental and Theoretical Core Level Spectroscopic Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5736-5742.	2.5	113
20	Cerium oxide stoichiometry alteration via Sn deposition: Influence of temperature. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 169, 20-25.	1.7	111
21	Investigation of the Amino Acids Glycine, Proline, and Methionine by Photoemission Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10998-11005.	2.5	109
22	Water Chemistry on Model Ceria and Pt/Ceria Catalysts. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12103-12113.	3.1	108
23	Valence level photoelectron spectroscopy of the oxygen and carbonate species on silver (110). <i>Surface Science</i> , 1983, 126, 49-57.	1.9	106
24	Measurement and ab initio calculation of the Ne photoabsorption spectrum in the region of the K edge. <i>Physical Review A</i> , 1999, 59, 2494-2497.	2.5	106
25	Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser. <i>Physical Review Letters</i> , 2012, 108, 153003.	7.8	103
26	Atomically Dispersed Pd, Ni, and Pt Species in Ceria-Based Catalysts: Principal Differences in Stability and Reactivity. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9852-9862.	3.1	99
27	An X-ray absorption and photoelectron diffraction study of the Cu{100} c(2 × 2) CO structure. <i>Surface Science</i> , 1986, 166, 221-233.	1.9	93
28	Vibrational structure of core to Rydberg state excitations of carbon dioxide and dinitrogen oxide. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 2551-2567.	1.5	91
29	Electrifying model catalysts for understanding electrocatalytic reactions in liquid electrolytes. <i>Nature Materials</i> , 2018, 17, 592-598.	27.5	89
30	Epitaxial growth of continuous CeO <sub>2</sub> (111) ultra-thin films on Cu(111). <i>Thin Solid Films</i> , 2008, 516, 6120-6124.	1.8	85
31	Water interaction with CeO <sub>2</sub> (1 1 1)/Cu(1 1 1) model catalyst surface. <i>Catalysis Today</i> , 2012, 181, 124-132.	4.4	85
32	Screening effects in photoemission from weakly bound adsorbates: CO on Ag(110). <i>Surface Science</i> , 1984, 138, 305-318.	1.9	84
33	X-ray photoelectron diffraction determination of the molecular orientation of CO and methoxy adsorbed on Cu(110). <i>Surface Science</i> , 1986, 173, 176-193.	1.9	83
34	Dynamics of Hollow Atom Formation in Intense X-Ray Pulses Probed by Partial Covariance Mapping. <i>Physical Review Letters</i> , 2013, 111, 073002.	7.8	83
35	Encapsulation of Rh Nanoparticles Supported on TiO <sub>2</sub> (110)-(1 × 1) Surface: XPS and STM Studies. <i>Journal of Physical Chemistry B</i> , 1998, 102, 3379-3386.	2.6	82
36	Vibrationally resolved oxygen K <sup>+</sup> spectra of O <sub>2</sub> and CO. <i>Chemical Physics Letters</i> , 1999, 306, 269-274.	2.6	80

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37	Near Edge X-ray Absorption Spectra of Some Small Polyatomic Molecules. <i>Journal of Physical Chemistry A</i> , 2003, 107, 1955-1963.	2.5	80
38	Core Level Study of Alanine and Threonine. <i>Journal of Physical Chemistry A</i> , 2008, 112, 7806-7815.	2.5	80
39	Electronic structure of aromatic amino acids studied by soft x-ray spectroscopy. <i>Journal of Chemical Physics</i> , 2009, 131, 035103.	3.0	80
40	The effect of sulfur dioxide on the activity of hierarchical Pd-based catalysts in methane combustion. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 72-83.	20.2	80
41	Methanol adsorption on a CeO <sub>2</sub> (1 1 1)/Cu(1 1 1) thin film model catalyst. <i>Surface Science</i> , 2009, 603, 1087-1092.	1.9	79
42	The 2p-derived level in the adsorption system CO/Cu(110). <i>Surface Science</i> , 1984, 145, L481-L487.	1.9	78
43	A modular end-station for atomic, molecular, and cluster science at the low density matter beamline of FERMI@Elettra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 164007.	1.5	78
44	Mechanisms of Aggregation of Cysteine Functionalized Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10481-10487.	3.1	78
45	Tautomerism in Cytosine and Uracil: A Theoretical and Experimental X-ray Absorption and Resonant Auger Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10270-10276.	2.5	77
46	2p-affinity level of adsorbed CO: Bonding and dispersion. <i>Physical Review B</i> , 1985, 32, 4296-4299.	3.2	75
47	Multicomponent Order Parameter for Surface Melting. <i>Physical Review Letters</i> , 1989, 62, 913-916.	7.8	74
48	A resonant photoelectron spectroscopy study of Sn(O <sub>x</sub> ) doped CeO <sub>2</sub> catalysts. <i>Surface and Interface Analysis</i> , 2008, 40, 225-230.	1.8	74
49	Adsorption of oxygen on Rh(110): a LEED, Auger electron spectroscopy and thermal desorption study. <i>Surface Science</i> , 1992, 260, 7-13.	1.9	73
50	Scanning-tunneling-microscopy study of the oxygen-induced reconstruction of Rh(110). <i>Physical Review B</i> , 1993, 47, 12976-12979.	3.2	72
51	Acetylacetone photodynamics at a seeded free-electron laser. <i>Nature Communications</i> , 2018, 9, 63.	12.8	72
52	Novel Collective Autoionization Process Observed in Electron Spectra of He Clusters. <i>Physical Review Letters</i> , 2014, 112, 073401.	7.8	70
53	Core-level photoemission from graphite. <i>Physical Review B</i> , 2000, 62, 6866-6868.	3.2	69
54	Determining the polarization state of an extreme ultraviolet free-electron laser beam using atomic circular dichroism. <i>Nature Communications</i> , 2014, 5, 3648.	12.8	69

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55	An Experimental and Theoretical Core-Level Study of Tautomerism in Guanine. <i>Journal of Physical Chemistry A</i> , 2009, 113, 9376-9385.	2.5	64
56	(1 Å <sup>-n</sup> ) reconstruction of the Rh (110) surface with n = 2, 3, 4, 5. <i>Chemical Physics Letters</i> , 1992, 188, 237-240.	2.6	63
57	An X-ray absorption study of glycine, methionine and proline. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 155, 47-53.	1.7	62
58	Surface electronic and structural properties of nanostructured titanium oxide grown by pulsed laser deposition. <i>Surface Science</i> , 2011, 605, 333-340.	1.9	62
59	Electronic and magnetic properties of highly ordered Sr <sub>2</sub> FeMoO <sub>6</sub> . <i>Physica Status Solidi A</i> , 2004, 201, 3252-3256.	1.7	61
60	Reactivity of atomically dispersed Pt <sup>2+</sup> species towards H <sub>2</sub> : model Pt@CeO <sub>2</sub> fuel cell catalyst. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7672-7679.	2.8	61
61	Quenching of exchange splitting in face centred cubic Fe observed by angle resolved photoemission. <i>Solid State Communications</i> , 1986, 57, 329-334.	1.9	60
62	Inverse photoemission from CO co-adsorbed with K on Pt(111). <i>Surface Science</i> , 1987, 179, 90-100.	1.9	60
63	Palladium interaction with CeO <sub>2</sub> , Sn@CeO and Ga@CeO layers. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 055005.	1.8	60
64	Interaction of Au with CeO <sub>2</sub> (111): A photoemission study. <i>Journal of Chemical Physics</i> , 2009, 130, 034703.	3.0	60
65	A resonant photoemission applied to cerium oxide based nanocrystals. <i>Nanotechnology</i> , 2009, 20, 215706.	2.6	58
66	Circular Dichroism in Multiphoton Ionization of Resonantly Excited $\text{He}^+$ <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:msup&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;He&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mrow&gt;&lt;mml:mo&gt;+&lt;/mml:mo&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</small> <i>Physical Review Letters</i> , 2017, 118, 013002.	7.8	58
67	Adsorption-induced surface core-level shifts of Pt(110). <i>Physical Review B</i> , 1987, 36, 6292-6301.	3.2	57
68	Electronic Structure of Magnesia-Ceria Model Catalysts, CO <sub>2</sub> Adsorption, and CO <sub>2</sub> Activation: A Synchrotron Radiation Photoelectron Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8716-8724.	3.1	57
69	Photoemission and the shape of amino acids. <i>Chemical Physics Letters</i> , 2007, 442, 429-433.	2.6	56
70	The orientation of formate and carbonate on ZnO(101̄,0). <i>Surface Science</i> , 1993, 298, L196-L202.	1.9	55
71	STM study of oxygen on Rh(110). <i>Physical Review B</i> , 1994, 49, 5585-5590.	3.2	55
72	Interference Effects in the Auger Decay of the Resonantly Excited 2p <sub>3/2</sub> →13d State of Argon. <i>Physical Review Letters</i> , 1996, 77, 2646-2649.	7.8	55

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73	Photofragmentation of guanine, cytosine, leucine and methionine. <i>Chemical Physics</i> , 2007, 334, 53-63.	1.9	54
74	Adsorption of Histidine and Histidine-Containing Peptides on Au(111). <i>Langmuir</i> , 2010, 26, 8606-8613.	3.5	54
75	Collective Autoionization in Multiply-Excited Systems: A novel ionization process observed in Helium Nanodroplets. <i>Scientific Reports</i> , 2014, 4, 3621.	3.3	54
76	Mechanical design aspects of a soft X-ray plane grating monochromator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 561-564.	1.6	53
77	Valence photoionization and photofragmentation of aromatic amino acids. <i>Molecular Physics</i> , 2008, 106, 1143-1153.	1.7	53
78	Infrared-Active Combination Band in a Surface Formate Species. <i>Physical Review Letters</i> , 1983, 51, 475-478.	7.8	52
79	Photoemission and Photoabsorption Spectroscopy of Glycyl-Glycine in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10726-10733.	2.5	51
80	Seeded X-ray free-electron laser generating radiation with laser statistical properties. <i>Nature Communications</i> , 2018, 9, 4498.	12.8	51
81	Tracking attosecond electronic coherences using phase-manipulated extreme ultraviolet pulses. <i>Nature Communications</i> , 2020, 11, 883.	12.8	50
82	Electronic state resolved PEPICO spectroscopy of pyrimidine. <i>Physica Scripta</i> , 2008, 78, 058105.	2.5	49
83	Three-Dimensional Shapes of Spinning Helium Nanodroplets. <i>Physical Review Letters</i> , 2018, 121, 255301.	7.8	49
84	Charge Transfer and Penning Ionization of Dopants in or on Helium Nanodroplets Exposed to EUV Radiation. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4394-4403.	2.5	48
85	Metastable (1 $\bar{A}$ -2) and (1 $\bar{A}$ -3) reconstructions of Pd(110). <i>Surface Science</i> , 1992, 260, L24-L27.	1.9	47
86	Extreme ultraviolet ionization of pure He nanodroplets: Mass-correlated photoelectron imaging, Penning ionization, and electron energy-loss spectra. <i>Journal of Chemical Physics</i> , 2013, 139, 084301.	3.0	47
87	Pulse Duration of Seeded Free-Electron Lasers. <i>Physical Review X</i> , 2017, 7, .	8.9	47
88	2p resonant photoemission study of TiO <sub>2</sub> s. <i>Physical Review B</i> , 1997, 55, 9520-9523.	3.2	46
89	Resonant Circular Dichroism of Chiral Metal-Organic Complex. <i>Physical Review Letters</i> , 2012, 108, 083001.	7.8	46
90	The Low Density Matter (LDM) beamline at FERMI: optical layout and first commissioning. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 538-543.	2.4	46

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91	Hydrogen spillover monitored by resonant photoemission spectroscopy. <i>Journal of Catalysis</i> , 2012, 285, 6-9.	6.2	45
92	A photoemission study of the interaction of Ga with CeO <sub>2</sub> (111) thin films. <i>Applied Surface Science</i> , 2008, 254, 6860-6864.	6.1	44
93	Structure-Dependent Dissociation of Water on Cobalt Oxide. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2763-2769.	4.6	44
94	Tracking the ultraviolet-induced photochemistry of thiophenone during and after ultrafast ring opening. <i>Nature Chemistry</i> , 2020, 12, 795-800.	13.6	44
95	Core-level spectroscopic study of FeO and FeS <sub>2</sub> . <i>Physical Review B</i> , 2005, 71, .	3.2	42
96	Sn interaction with the CeO <sub>2</sub> (111) system: Bimetallic bonding and ceria reduction. <i>Applied Surface Science</i> , 2008, 254, 4375-4379.	6.1	42
97	Self-Terminating Protocol for an Interfacial Complexation Reaction <i>in Vacuo</i> by Metal-Organic Chemical Vapor Deposition. <i>ACS Nano</i> , 2013, 7, 4520-4526.	14.6	41
98	The Role of the Partner Atom and Resonant Excitation Energy in Interatomic Coulombic Decay in Rare Gas Dimers. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1797-1801.	4.6	41
99	Compact He beam scattering apparatus for surface studies. <i>Measurement Science and Technology</i> , 1992, 3, 997-1000.	2.6	40
100	Photoemission Spectroscopy Study of Cu/CeO <sub>2</sub> Systems: Cu/CeO <sub>2</sub> Nanosized Catalyst and CeO <sub>2</sub> (111)/Cu(111) Inverse Model Catalyst. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3751-3758.	3.1	40
101	Photoabsorption shape resonance in the adsorption system CO/K/Cu(100): A dilemma. <i>Physical Review B</i> , 1986, 34, 1340-1342.	3.2	39
102	Photoemission from atomic and molecular adsorbates on Rh(100). <i>Surface Science</i> , 1996, 347, 53-62.	1.9	39
103	Quantitative Analysis of the Oxidation State of Cobalt Oxides by Resonant Photoemission Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6129-6136.	4.6	39
104	The Electronic Structure and Adsorption Geometry of $\alpha$ -Histidine on Cu(110). <i>Journal of Physical Chemistry B</i> , 2008, 112, 13655-13660.	2.6	38
105	Pyrimidine and halogenated pyrimidines near edge x-ray absorption fine structure spectra at C and N K-edges: experiment and theory. <i>Journal of Chemical Physics</i> , 2010, 133, 034302.	3.0	38
106	LEED investigation of temperature-dependent surface order of Pb single crystal surfaces. <i>Surface Science</i> , 1989, 223, 258-284.	1.9	37
107	Structure of Rh <sub>2</sub> (110) <sub>1</sub> and Rh <sub>2</sub> (110) <sub>2</sub> p2mg-O surfaces. <i>Chemical Physics Letters</i> , 1993, 214, 438-442.	2.6	37
108	Atomic force microscope anodic oxidation studied by spectroscopic microscopy. <i>Applied Physics Letters</i> , 2002, 81, 2842-2844.	3.3	37

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109	Quantitative evaluation of sp/sp <sup>2</sup> hybridization ratio in cluster-assembled carbon films by in situ near edge X-ray absorption fine structure spectroscopy. <i>Carbon</i> , 2006, 44, 1518-1524.	10.3	37
110	Investigation of Halogenated Pyrimidines by X-ray Photoemission Spectroscopy and Theoretical DFT Methods. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13593-13600.	2.5	36
111	Tautomerism in 4-Hydroxypyrimidine, <i>S</i> -Methyl-2-thiouracil, and 2-Thiouracil. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12725-12730.	2.5	36
112	Functionalization of Oxide Surfaces through Reaction with 1,3-Dialkylimidazolium Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 30-35.	4.6	36
113	Enhanced Ionization of Embedded Clusters by Electron-Transfer-Mediated Decay in Helium Nanodroplets. <i>Physical Review Letters</i> , 2016, 116, 203001.	7.8	36
114	Conformational Sensitivity in Photoelectron Circular Dichroism of 3-Methylcyclopentanone. <i>ChemPhysChem</i> , 2013, 14, 1723-1732.	2.1	35
115	Adsorbate-induced surface core-level shifts of Pd(110). <i>Physical Review B</i> , 1991, 43, 14385-14389.	3.2	34
116	Comparative study of the adsorption of CO, NO and hydrogen on(1 Å <sup>-1</sup> ) and (1 Å <sup>-2</sup> ) Rh(110). <i>Surface Science</i> , 1993, 293, 246-253.	1.9	34
117	Theoretical and Experimental Study of Valence-Shell Ionization Spectra of Guanine. <i>Journal of Physical Chemistry A</i> , 2009, 113, 15142-15149.	2.5	34
118	Methanol Adsorption and Decomposition on Pt/CeO <sub>2</sub> (111)/Cu(111) Thin Film Model Catalyst. <i>Langmuir</i> , 2010, 26, 13333-13341.	3.5	34
119	Ultrafast relaxation of photoexcited superfluid He nanodroplets. <i>Nature Communications</i> , 2020, 11, 112.	12.8	34
120	Observation and Characterization of the Fluorescence Decay of the 2s <sub>2</sub> p <sub>6</sub> n <sub>1</sub> Po Excited States of Ne. <i>Physical Review Letters</i> , 2000, 84, 431-434.	7.8	33
121	Adsorption and Decomposition of Formic Acid on Model Ceria and Pt/Ceria Catalysts. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12483-12494.	3.1	33
122	Surface core level shifts of a VI compound: CdTe. <i>Surface Science</i> , 1988, 206, L871-L879.	1.9	32
123	Au <sup>+</sup> and Au <sup>3+</sup> ions in CeO <sub>2</sub> -rf-sputtered thin films. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 115301.	2.8	32
124	Valence electronic properties of porphyrin derivatives. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10812.	2.8	32
125	Formation of alumina-ceria mixed oxide in model systems. <i>Applied Surface Science</i> , 2011, 257, 3682-3687.	6.1	32
126	Time-Resolved Measurement of Interatomic Coulombic Decay Induced by Two-Photon Double Excitation of Ne. <i>Physical Review Letters</i> , 2017, 118, 033202.	7.8	32



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127	Order-disorder phase transitions of oxygen on Rh(100). <i>Physical Review B</i> , 1997, 56, 10511-10517.	3.2	31
128	Inner shell excitation spectroscopy of the tetrahedral molecules CX <sub>4</sub> (X = H, F, Cl). <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 61-75.	1.5	31
129	Adsorption and reaction of CO on a ceria-Rh(111) inverse model catalyst surface. <i>Surface Science</i> , 2003, 536, 166-176.	1.9	31
130	Core level spectroscopy of free titanium clusters in supersonic beams. <i>New Journal of Physics</i> , 2006, 8, 136-136.	2.9	31
131	Bonding at the organic/metal interface: Adenine to Cu(110). <i>Physical Review B</i> , 2009, 79, .	3.2	31
132	Using covariance mapping to investigate the dynamics of multi-photon ionization processes of Ne atoms exposed to X-FEL pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 164034.	1.5	31
133	High Resolution Multiphoton Spectroscopy by a Tunable Free-Electron-Laser Light. <i>Physical Review Letters</i> , 2014, 113, 193201.	7.8	31
134	Precise molecular orientation determination for adsorbates using x-ray photoelectron diffraction: Methoxy (CH <sub>3</sub> O) and CO on Cu(110). <i>Physical Review B</i> , 1985, 32, 4249-4251.	3.2	30
135	Band structure of lead sulphide. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 6759-6768.	1.8	30
136	Electronic structure of cluster assembled nanostructured TiO <sub>2</sub> by resonant photoemission at the Ti L <sub>2,3</sub> edge. <i>Journal of Chemical Physics</i> , 2008, 128, 094704.	3.0	30
137	X-ray Absorption Spectroscopy of VOCl <sub>3</sub> , CrO <sub>2</sub> Cl <sub>2</sub> , and MnO <sub>3</sub> Cl: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 2914-2925.	2.5	30
138	Adsorption Structure of Glycyl-Glycine on Cu(110). <i>Journal of Physical Chemistry C</i> , 2010, 114, 10922-10931.	3.1	30
139	Adsorption of Histidine and a Histidine Tripeptide on Au(111) and Au(110) from Acidic Solution. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22960-22966.	3.1	30
140	Interatomic Coulombic decay cascades in multiply excited neon clusters. <i>Nature Communications</i> , 2016, 7, 13477.	12.8	30
141	Electrochemical activity of the polycrystalline cerium oxide films for hydrogen peroxide detection. <i>Applied Surface Science</i> , 2019, 488, 351-359.	6.1	30
142	The symmetry-based constraints in angle-resolved photoemission from structures belonging to non-symmorphic space groups. <i>Solid State Communications</i> , 1986, 59, 71-75.	1.9	29
143	Core-level photoelectron spectroscopy from individual heteroepitaxial nanocrystals on GaAs(001). <i>Physical Review B</i> , 2001, 63, .	3.2	29
144	X-ray Spectroscopy of Heterocyclic Biochemicals: Xanthine, Hypoxanthine, and Caffeine. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5653-5664.	2.5	29

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145	Bonding of Histidine to Cerium Oxide. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9182-9193.	2.6	29
146	Observation and Control of Laser-Enabled Auger Decay. <i>Physical Review Letters</i> , 2017, 119, 073203.	7.8	29
147	Correlation of electronic structures of three cyclic dipeptides with their photoemission spectra. <i>Journal of Chemical Physics</i> , 2010, 133, 174319.	3.0	28
148	Covariance mapping of two-photon double core hole states in $C_{2H_{2}}$ and $C_{2H_{6}}$ produced by an x-ray free electron laser. <i>New Journal of Physics</i> , 2015, 17, 073002.	2.9	28
149	Phosphorus poisoning during wet oxidation of methane over Pd@CeO <sub>2</sub> /graphite model catalysts. <i>Applied Catalysis B: Environmental</i> , 2016, 197, 271-279.	20.2	28
150	The adsorption of adenine on mineral surfaces: Iron pyrite and silicon dioxide. <i>Surface Science</i> , 2007, 601, 1973-1980.	1.9	27
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