

# J D Bozek

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

275  
papers

15,133  
citations

61  
h-index

116  
g-index

308  
ext. papers

16,532  
ext. citations

5.9  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
275	Sizes of pure and doped helium droplets from single shot x-ray imaging.. <i>Journal of Chemical Physics</i> , <b>2022</b> , 156, 041102	3.9	1
274	Consistent characterization of the electronic ground state of iron(II) phthalocyanine from valence and core-shell electron spectroscopy.. <i>Physical Chemistry Chemical Physics</i> , <b>2022</b> , 24, 2656-2663	3.6	
273	Photoionization from the Xe 4d orbitals of XeF. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 194301	3.9	1
272	Vibronic interaction in trans-dichloroethene studied by vibration- and angle-resolved photoelectron spectroscopy using 19-90 eV photon energy. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 094303	3.9	2
271	Fragmentation of isocyanic acid, HNCO, following core excitation and ionization. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 114302	3.9	1
270	Clocking Auger electrons. <i>Nature Physics</i> , <b>2021</b> , 17, 512-518	16.2	11
269	Suppression of thermal nanoplasma emission in clusters strongly ionized by hard x-rays. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2021</b> , 54, 044001	1.3	3
268	Correlation-Driven Transient Hole Dynamics Resolved in Space and Time in the Isopropanol Molecule. <i>Physical Review X</i> , <b>2021</b> , 11,	9.1	2
267	Conjugate photoelectron recapture peaks in the high resolution Auger electron spectra following near-threshold Ar 2p photoionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2020</b> , 53, 125001	1.3	0
266	Photoionization of the I 4d and valence orbitals of methyl iodide. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2020</b> , 53, 155101	1.3	2
265	Photoabsorption, photoionization, and Auger processes at the carbon K edge in CH <sub>3</sub> I. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	6
264	High intensity x-ray interaction with a model bio-molecule system: double-core-hole states and fragmentation of formamide. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2020</b> , 53, 244005	1.3	3
263	Full-dimensional theoretical description of vibrationally resolved valence-shell photoionization of HO. <i>Structural Dynamics</i> , <b>2019</b> , 6, 054101	3.2	5
262	Femtosecond-resolved observation of the fragmentation of buckminsterfullerene following X-ray multiphoton ionization. <i>Nature Physics</i> , <b>2019</b> , 15, 1279-1283	16.2	12
261	Coulomb implosion of tetrabromothiophene observed under multiphoton ionization by free-electron-laser soft-x-ray pulses. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	6
260	Resonant Photoelectron Confinement in the SF Molecule. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 1062-1068	2.8	3
259	The LAMP instrument at the Linac Coherent Light Source free-electron laser. <i>Review of Scientific Instruments</i> , <b>2018</b> , 89, 035112	1.7	19

258	Femtosecond profiling of shaped x-ray pulses. <i>New Journal of Physics</i> , <b>2018</b> , 20, 033008	2.9	12
257	Normal and resonant Auger spectroscopy of isocyanic acid, HNCO. <i>Journal of Chemical Physics</i> , <b>2018</b> , 149, 034308	3.9	9
256	Reconstruction of the time-dependent electronic wave packet arising from molecular autoionization. <i>Science Advances</i> , <b>2018</b> , 4, eaat3962	14.3	9
255	Free-electron laser data for multiple-particle fluctuation scattering analysis. <i>Scientific Data</i> , <b>2018</b> , 5, 180201	3.1	4
254	Auger electron angular distributions following excitation or ionization of the I 3d level in methyl iodide. <i>Journal of Chemical Physics</i> , <b>2018</b> , 149, 094304	3.9	9
253	Photoionization of the iodine 3d, 4s, and 4p orbitals in methyl iodide. <i>Journal of Chemical Physics</i> , <b>2018</b> , 149, 144302	3.9	10
252	Photoionisation of Ca <sup>+</sup> ions in the valence-energy region 2056 eV: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2017</b> , 50, 205001	1.3	3
251	Accurate prediction of X-ray pulse properties from a free-electron laser using machine learning. <i>Nature Communications</i> , <b>2017</b> , 8, 15461	17.4	40
250	Electronic-state interference in the C 1s excitation and decay of methyl chloride studied by angularly resolved Auger spectroscopy. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	8
249	Shapes of rotating superfluid helium nanodroplets. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	27
248	Observing Femtosecond Fragmentation Using Ultrafast X-ray-Induced Auger Spectra. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 681	2.6	15
247	Two mirror X-ray pulse split and delay instrument for femtosecond time resolved investigations at the LCLS free electron laser facility. <i>Optics Express</i> , <b>2016</b> , 24, 11768-81	3.3	2
246	Angle-Resolved Auger Spectroscopy as a Sensitive Access to Vibronic Coupling. <i>Physical Review Letters</i> , <b>2016</b> , 116, 193002	7.4	10
245	Coupled motion of Xe clusters and quantum vortices in He nanodroplets. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	27
244	Femtosecond and nanometre visualization of structural dynamics in superheated nanoparticles. <i>Nature Photonics</i> , <b>2016</b> , 10, 93-97	33.9	65
243	Photoelectron diffraction in methane probed via vibrationally resolved inner-valence photoionization cross-section ratios. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 3214-22	3.6	3
242	Femtosecond X-ray-induced fragmentation of fullerenes. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 390-401	1.1	10
241	Stimulated X-Ray Raman Scattering with Free-Electron Laser Sources. <i>Springer Proceedings in Physics</i> , <b>2016</b> , 201-207	0.2	1

240	Open data set of live cyanobacterial cells imaged using an X-ray laser. <i>Scientific Data</i> , <b>2016</b> , 3, 160058	8.2	6
239	Charge transfer in dissociating iodomethane and fluoromethane molecules ionized by intense femtosecond X-ray pulses. <i>Structural Dynamics</i> , <b>2016</b> , 3, 043207	3.2	46
238	A data set from flash X-ray imaging of carboxysomes. <i>Scientific Data</i> , <b>2016</b> , 3, 160061	8.2	11
237	Single-shot diffraction data from the Mimivirus particle using an X-ray free-electron laser. <i>Scientific Data</i> , <b>2016</b> , 3, 160060	8.2	13
236	Three-dimensional reconstruction of the giant mimivirus particle with an x-ray free-electron laser. <i>Physical Review Letters</i> , <b>2015</b> , 114, 098102	7.4	225
235	The Atomic, Molecular and Optical Science instrument at the Linac Coherent Light Source. <i>Journal of Synchrotron Radiation</i> , <b>2015</b> , 22, 492-7	2.4	54
234	Covariance mapping of two-photon double core hole states in C <sub>2</sub> H <sub>2</sub> and C <sub>2</sub> H <sub>6</sub> produced by an x-ray free electron laser. <i>New Journal of Physics</i> , <b>2015</b> , 17, 073002	2.9	24
233	Ultrafast isomerization initiated by X-ray core ionization. <i>Nature Communications</i> , <b>2015</b> , 6, 8199	17.4	74
232	Ultrafast molecular dynamics illuminated with synchrotron radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2015</b> , 204, 269-276	1.7	2
231	Synchrotron topographic evaluation of strain around craters generated by irradiation with X-ray pulses from free electron laser with different intensities. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 364, 20-26	1.2	
230	Dynamical effects in the vibrationally resolved C 2s-1 photoionization cross section ratios of Methane. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112048	0.3	
229	A study of the dynamical energy flow in uracil. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112062	0.3	5
228	Femtosecond x-ray induced fragmentation of Ho <sub>3</sub> N@C <sub>80</sub> . <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112052	0.3	
227	Disentangling formation of multiple-core holes in aminophenol molecules exposed to bright X-FEL radiation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2015</b> , 48, 244003	1.3	15
226	X-ray split and delay device for ultrafast x-ray science at the AMO instrument at LCLS. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 012018	0.3	
225	Auger electron and photoabsorption spectra of glycine in the vicinity of the oxygen K-edge measured with an X-FEL. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2015</b> , 48, 234004	1.3	7
224	Dynamics of the C 1s- $\pi^*$ excitation and decay in CO <sub>2</sub> probed by vibrationally and angularly resolved Auger spectroscopy. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	12
223	Imaging single cells in a beam of live cyanobacteria with an X-ray laser. <i>Nature Communications</i> , <b>2015</b> , 6, 5704	17.4	127

222	High-throughput imaging of heterogeneous cell organelles with an X-ray laser. <i>Nature Photonics</i> , <b>2014</b> , 8, 943-949	33.9	127
221	Helium superfluidity. Shapes and vorticities of superfluid helium nanodroplets. <i>Science</i> , <b>2014</b> , 345, 906-933	33.3	172
220	High-resolution photoelectron spectroscopy with angular selectivity - a tool to probe valence-Rydberg states and couplings in HCl(+). <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 4975-81	2.8	2
219	Imaging charge transfer in iodomethane upon x-ray photoabsorption. <i>Science</i> , <b>2014</b> , 345, 288-91	33.3	146
218	Femtosecond X-ray-induced explosion of C60 at extreme intensity. <i>Nature Communications</i> , <b>2014</b> , 5, 4281-4	17.4	95
217	Multiphoton ionization and fragmentation of molecules with the LCLS X-ray FEL. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2014</b> , 196, 34-37	1.7	8
216	Ultrafast X-ray Auger probing of photoexcited molecular dynamics. <i>Nature Communications</i> , <b>2014</b> , 5, 4235	17.4	117
215	Probing ultrafast electronic and molecular dynamics with free-electron lasers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2014</b> , 47, 124006	1.3	27
214	X-Ray Diffraction from Isolated and Strongly Aligned Gas-Phase Molecules with a Free-Electron Laser. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	185
213	Experimental strategies for optical pump & soft x-ray probe experiments at the LCLS. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 012015	0.3	15
212	Mapping the decay of double core hole states of atoms and molecules. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 032021	0.3	2
211	Sub-femtosecond precision measurement of relative X-ray arrival time for free-electron lasers. <i>Nature Photonics</i> , <b>2014</b> , 8, 706-709	33.9	92
210	Toward atomic resolution diffractive imaging of isolated molecules with X-ray free-electron lasers. <i>Faraday Discussions</i> , <b>2014</b> , 171, 393-418	3.6	25
209	Site-selective photoemission from delocalized valence shells induced by molecular rotation. <i>Nature Communications</i> , <b>2014</b> , 5, 3816	17.4	14
208	Measuring the temporal structure of few-femtosecond free-electron laser X-ray pulses directly in the time domain. <i>Nature Photonics</i> , <b>2014</b> , 8, 950-957	33.9	74
207	Double Cation Formation from the Photo-Fragmentation of the closo-Carboranes. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2014</b> , 228, 421-436	3.1	5
206	Imaging molecular structure through femtosecond photoelectron diffraction on aligned and oriented gas-phase molecules. <i>Faraday Discussions</i> , <b>2014</b> , 171, 57-80	3.6	43
205	Femtosecond x-ray photoelectron diffraction on gas-phase dibromobenzene molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2014</b> , 47, 124035	1.3	37

204	Dynamics of hollow atom formation in intense x-ray pulses probed by partial covariance mapping. <i>Physical Review Letters</i> , <b>2013</b> , 111, 073002	7.4	72
203	Ultra-fast and ultra-intense x-ray sciences: first results from the Linac Coherent Light Source free-electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164003	1.3	143
202	Resonance-enhanced multiple ionization of krypton at an x-ray free-electron laser. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	44
201	Ultrafast charge rearrangement and nuclear dynamics upon inner-shell multiple ionization of small polyatomic molecules. <i>Physical Review Letters</i> , <b>2013</b> , 110, 053003	7.4	79
200	Sensing the wavefront of x-ray free-electron lasers using aerosol spheres. <i>Optics Express</i> , <b>2013</b> , 21, 12385-94	3.9	25
199	Toward unsupervised single-shot diffractive imaging of heterogeneous particles using X-ray free-electron lasers. <i>Optics Express</i> , <b>2013</b> , 21, 28729-42	3.3	17
198	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> , <b>2013</b> , 46, 164034	1.3	27
197	Inner-shell multiple ionization of polyatomic molecules with an intense x-ray free-electron laser studied by coincident ion momentum imaging. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164031	1.3	19
196	Sequential multiple ionization and fragmentation of SF <sub>6</sub> induced by an intense free electron laser pulse. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164032	1.3	5
195	Double core-hole formation in small molecules at the LCLS free electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164030	1.3	19
194	Mesoscale morphology of airborne core-shell nanoparticle clusters: x-ray laser coherent diffraction imaging. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164033	1.3	9
193	Femtosecond photoelectron diffraction on laser-aligned molecules: Towards time-resolved imaging of molecular structure. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	63
192	Stimulated electronic x-ray Raman scattering. <i>Physical Review Letters</i> , <b>2013</b> , 111, 233902	7.4	101
191	Probing nucleobase photoprotection with soft x-rays. <i>EPJ Web of Conferences</i> , <b>2013</b> , 41, 07004	0.3	1
190	X-ray split and delay system for soft x-rays at LCLS. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 425, 15202-3	0.3	23
189	Ultra-efficient ionization of heavy atoms by intense X-ray free-electron laser pulses. <i>Nature Photonics</i> , <b>2012</b> , 6, 858-865	33.9	181
188	Atomic inner-shell X-ray laser at 1.46 nanometres pumped by an X-ray free-electron laser. <i>Nature</i> , <b>2012</b> , 481, 488-91	50.4	267
187	Transient X-ray fragmentation: probing a prototypical photoinduced ring opening. <i>Physical Review Letters</i> , <b>2012</b> , 108, 253006	7.4	51

186	Angle-resolved electron spectroscopy of laser-assisted Auger decay induced by a few-femtosecond x-ray pulse. <i>Physical Review Letters</i> , <b>2012</b> , 108, 063007	7.4	40
185	Multiphoton L-shell ionization of H <sub>2</sub> S using intense x-ray pulses from a free-electron laser. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	13
184	Lipidic phase membrane protein serial femtosecond crystallography. <i>Nature Methods</i> , <b>2012</b> , 9, 263-5	21.6	125
183	Fractal morphology, imaging and mass spectrometry of single aerosol particles in flight. <i>Nature</i> , <b>2012</b> , 486, 513-7	50.4	147
182	Self-terminating diffraction gates femtosecond X-ray nanocrystallography measurements. <i>Nature Photonics</i> , <b>2012</b> , 6, 35-40	33.9	266
181	Single-particle structure determination by correlations of snapshot X-ray diffraction patterns. <i>Nature Communications</i> , <b>2012</b> , 3, 1276	17.4	70
180	Nanoplasma dynamics of single large xenon clusters irradiated with superintense x-ray pulses from the linac coherent light source free-electron laser. <i>Physical Review Letters</i> , <b>2012</b> , 108, 245005	7.4	114
179	In vivo protein crystallization opens new routes in structural biology. <i>Nature Methods</i> , <b>2012</b> , 9, 259-62	21.6	177
178	Size-dependent ultrafast ionization dynamics of nanoscale samples in intense femtosecond x-ray free-electron-laser pulses. <i>Physical Review Letters</i> , <b>2012</b> , 108, 233401	7.4	57
177	Profiling structured beams using injected aerosols <b>2012</b> ,		1
176	Femtosecond free-electron laser x-ray diffraction data sets for algorithm development. <i>Optics Express</i> , <b>2012</b> , 20, 4149-58	3.3	55
175	Noise-robust coherent diffractive imaging with a single diffraction pattern. <i>Optics Express</i> , <b>2012</b> , 20, 16650	3.3	65
174	Time-resolved protein nanocrystallography using an X-ray free-electron laser. <i>Optics Express</i> , <b>2012</b> , 20, 2706-16	3.3	190
173	Femtosecond dark-field imaging with an X-ray free electron laser. <i>Optics Express</i> , <b>2012</b> , 20, 13501-12	3.3	29
172	X-ray optical cross-correlator for gas-phase experiments at the Linac Coherent Light Source free-electron laser. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 121107	3.4	71
171	Explosions of xenon clusters in ultraintense femtosecond x-ray pulses from the LCLS free electron laser. <i>Physical Review Letters</i> , <b>2012</b> , 108, 133401	7.4	67
170	Publisher's Note: Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser [Phys. Rev. Lett. 108, 153003 (2012)]. <i>Physical Review Letters</i> , <b>2012</b> , 108,	7.4	4
169	Amorphous to crystalline phase transition in carbon induced by intense femtosecond x-ray free-electron laser pulses. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	28

168	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> , <b>2012</b> , 108, 153003	7.4	93
167	Molecular frame Auger electron energy spectrum from N <sub>2</sub> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 055601	1.3	21
166	Mirror-based soft x-ray split-and-delay system for femtosecond pump-probe experiments at LCLS <b>2012</b> ,		9
165	Multiple Ionization and Double Core-Hole Production in Molecules using the LCLS X-Ray FEL. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 032028	0.3	
164	Multiphoton Ionization of Xenon at the LCLS Free-Electron Laser. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022022	0.3	
163	Next Generation Endstation for Concurrent Measurements of Charged Products and Photons in LCLS FEL Experiments. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 142025	0.3	2
162	X-Ray FEL-induced Double Core-Hole Formation in Polyatomic Molecules. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022083	0.3	
161	Theoretical study of the vibrationally resolved photoionization cross section for the valence shells of N <sub>2</sub> and CO. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022033	0.3	
160	Coulomb explosion imaging of small organic molecules at LCLS. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022108	0.3	
159	Nonlinear atomic response to intense ultrashort x rays. <i>Physical Review Letters</i> , <b>2011</b> , 106, 083002	7.4	191
158	Unsupervised classification of single-particle X-ray diffraction snapshots by spectral clustering. <i>Optics Express</i> , <b>2011</b> , 19, 16542-9	3.3	77
157	Radiation damage in protein serial femtosecond crystallography using an x-ray free-electron laser. <i>Physical Review B</i> , <b>2011</b> , 84, 214111	3.3	138
156	Single particle imaging with soft x-rays at the Linac Coherent Light Source <b>2011</b> ,		11
155	Lifetime and damage threshold properties of reflective x-ray coatings for the LCLS free-electron laser <b>2011</b> ,		4
154	Single mimivirus particles intercepted and imaged with an X-ray laser. <i>Nature</i> , <b>2011</b> , 470, 78-81	50.4	675
153	Femtosecond X-ray protein nanocrystallography. <i>Nature</i> , <b>2011</b> , 470, 73-7	50.4	1473
152	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> , <b>2011</b> , 108, 16912-5	11.5	147
151	Femtosecond x-ray pulse length characterization at the Linac Coherent Light Source free-electron laser. <i>New Journal of Physics</i> , <b>2011</b> , 13, 093024	2.9	91



150	Photoionization measurements for the iron isonuclear sequence Fe <sup>3+</sup> , Fe <sup>5+</sup> , and Fe <sup>7+</sup> . <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	12
149	Unveiling and driving hidden resonances with high-fluence, high-intensity x-ray pulses. <i>Physical Review Letters</i> , <b>2011</b> , 107, 233001	7.4	105
148	Direct observation of Young's double-slit interferences in vibrationally resolved photoionization of diatomic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 7302-7306	11.5	92
147	Femtosecond electronic response of atoms to ultra-intense X-rays. <i>Nature</i> , <b>2010</b> , 466, 56-61	50.4	607
146	First lasing and operation of an Ångström-wavelength free-electron laser. <i>Nature Photonics</i> , <b>2010</b> , 4, 641-647	33.9	2216
145	Double core-hole production in N <sub>2</sub> : beating the Auger clock. <i>Physical Review Letters</i> , <b>2010</b> , 105, 083005	7.4	147
144	Non-linear processes in the interaction of atoms and molecules with intense EUV and X-ray fields from SASE free electron lasers (FELs). <i>Journal of Modern Optics</i> , <b>2010</b> , 57, 1015-1040	1.1	99
143	The effect of vibrational motion on the dynamics of shape resonant photoionization of BF <sub>3</sub> leading to the state of. <i>Molecular Physics</i> , <b>2010</b> , 108, 1055-1067	1.7	2
142	Time-resolved pump-probe experiments at the LCLS. <i>Optics Express</i> , <b>2010</b> , 18, 17620-30	3.3	146
141	Interaction of short x-ray pulses with low-Z x-ray optics materials at the LCLS free-electron laser. <i>Optics Express</i> , <b>2010</b> , 18, 23933-8	3.3	31
140	Auger electron angular distribution of double core-hole states in the molecular reference frame. <i>Physical Review Letters</i> , <b>2010</b> , 105, 083004	7.4	149
139	Ultraintense x-ray induced ionization, dissociation, and frustrated absorption in molecular nitrogen. <i>Physical Review Letters</i> , <b>2010</b> , 104, 253002	7.4	159
138	Vibrational branching ratios in the (b(2u))(-1) photoionization of C <sub>6</sub> F <sub>6</sub> . <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 044311	3.9	7
137	Photoionization of argon clusters in the Ar 3s → np Rydberg resonance region. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 105103	1.3	5
136	Mode-specific photoionization dynamics of a simple asymmetric target: OCS. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 044302	3.9	12
135	Fission processes following core level excitation in closo -1,2-orthocarborane. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 1496-1503	1.3	4
134	Emergence of valence band structure in rare-gas clusters. <i>Chemical Physics Letters</i> , <b>2009</b> , 468, 148-152	2.5	26
133	Probing free xenon clusters from within. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 169, 59-65	2.3	2

132	AMO instrumentation for the LCLS X-ray FEL. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 169, 129-132	3	105
131	Using vibrational branching ratios to probe initial and final state effects in molecular photoionization. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 022056	0.3	
130	Core-shell and valence-shell photoionization of argon clusters. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 022108	0.3	
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