

# Paul B Corkum

## List of Publications by Citations

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370  
papers

36,992  
citations

90  
h-index

188  
g-index

447  
ext. papers

41,559  
ext. citations

6.8  
avg, IF

7.41  
L-index

#	Paper	IF	Citations
370	Plasma perspective on strong field multiphoton ionization. <i>Physical Review Letters</i> , <b>1993</b> , 71, 1994-1997	7.4	5204
369	Theory of high-harmonic generation by low-frequency laser fields. <i>Physical Review A</i> , <b>1994</b> , 49, 2117-2132	2.6	2845
368	Tomographic imaging of molecular orbitals. <i>Nature</i> , <b>2004</b> , 432, 867-71	50.4	1746
367	Attosecond science. <i>Nature Physics</i> , <b>2007</b> , 3, 381-387	16.2	1463
366	High harmonic interferometry of multi-electron dynamics in molecules. <i>Nature</i> , <b>2009</b> , 460, 972-7	50.4	812
365	Role of electron localization in intense-field molecular ionization. <i>Physical Review Letters</i> , <b>1995</b> , 75, 2819-2822	2.2	682
364	Above-threshold ionization in the long-wavelength limit. <i>Physical Review Letters</i> , <b>1989</b> , 62, 1259-1262	7.4	664
363	Attosecond streak camera. <i>Physical Review Letters</i> , <b>2002</b> , 88, 173903	7.4	617
362	X-ray pulses approaching the attosecond frontier. <i>Science</i> , <b>2001</b> , 291, 1923-7	33.3	592
361	Laser-induced electron tunneling and diffraction. <i>Science</i> , <b>2008</b> , 320, 1478-82	33.3	584
360	Sub-laser-cycle electron pulses for probing molecular dynamics. <i>Nature</i> , <b>2002</b> , 417, 917-22	50.4	544
359	Subfemtosecond pulses. <i>Optics Letters</i> , <b>1994</b> , 19, 1870	3	464
358	Alignment-dependent strong field ionization of molecules. <i>Physical Review Letters</i> , <b>2003</b> , 90, 233003	7.4	396
357	Linking high harmonics from gases and solids. <i>Nature</i> , <b>2015</b> , 522, 462-4	50.4	383
356	Optically produced arrays of planar nanostructures inside fused silica. <i>Physical Review Letters</i> , <b>2006</b> , 96, 057404	7.4	366
355	Efficient molecular dissociation by a chirped ultrashort infrared laser pulse. <i>Physical Review Letters</i> , <b>1990</b> , 65, 2355-2358	7.4	366
354	Direct measurement of the angular dependence of ionization for N <sub>2</sub> , O <sub>2</sub> , and CO <sub>2</sub> in intense laser fields. <i>Physical Review Letters</i> , <b>2007</b> , 98, 243001	7.4	359

353	Probing molecular dynamics with attosecond resolution using correlated wave packet pairs. <i>Nature</i> , <b>2003</b> , 421, 826-9	50.4	345
352	Following a chemical reaction using high-harmonic interferometry. <i>Nature</i> , <b>2010</b> , 466, 604-7	50.4	336
351	Supercontinuum generation in gases. <i>Physical Review Letters</i> , <b>1986</b> , 57, 2268-2271	7.4	297
350	Theoretical analysis of high-harmonic generation in solids. <i>Physical Review Letters</i> , <b>2014</b> , 113, 073901	7.4	296
349	Phase-controlled currents in semiconductors. <i>Physical Review Letters</i> , <b>1995</b> , 74, 3596-3599	7.4	290
348	Thermal response of metals to ultrashort-pulse laser excitation. <i>Physical Review Letters</i> , <b>1988</b> , 61, 2886-2889	7.4	286
347	Cold-plasma production for recombination extreme-ultraviolet lasers by optical-field-induced ionization. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1989</b> , 6, 1195	1.7	283
346	Coulomb focusing in intense field atomic processes. <i>Physical Review A</i> , <b>1996</b> , 54, R2551-R2554	2.6	275
345	High-harmonic generation and correlated two-electron multiphoton ionization with elliptically polarized light. <i>Physical Review A</i> , <b>1994</b> , 50, R3585-R3588	2.6	267
344	Measuring and controlling the birth of attosecond XUV pulses. <i>Nature Physics</i> , <b>2006</b> , 2, 781-786	16.2	260
343	Probing collective multi-electron dynamics in xenon with high-harmonic spectroscopy. <i>Nature Physics</i> , <b>2011</b> , 7, 464-467	16.2	257
342	Laser tunnel ionization from multiple orbitals in HCl. <i>Science</i> , <b>2009</b> , 325, 1364-7	33.3	248
341	All-Optical Reconstruction of Crystal Band Structure. <i>Physical Review Letters</i> , <b>2015</b> , 115, 193603	7.4	242
340	Controlling high harmonic generation with molecular wave packets. <i>Physical Review Letters</i> , <b>2005</b> , 94, 123902	7.4	238
339	Wavelength scaling of high harmonic generation efficiency. <i>Physical Review Letters</i> , <b>2009</b> , 103, 073902	7.4	233
338	Observation of enhanced ionization of molecular ions in intense laser fields. <i>Physical Review Letters</i> , <b>1996</b> , 76, 4140-4143	7.4	232
337	Direct imaging of rotational wave-packet dynamics of diatomic molecules. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	231
336	Forced molecular rotation in an optical centrifuge. <i>Physical Review Letters</i> , <b>2000</b> , 85, 542-5	7.4	225

335	Binary and recoil collisions in strong field double ionization of helium. <i>Physical Review Letters</i> , <b>2007</b> , 99, 263002	7.4	222
334	Optical Centrifuge for Molecules. <i>Physical Review Letters</i> , <b>1999</b> , 82, 3420-3423	7.4	208
333	Routes to control of intense-field atomic polarizability. <i>Physical Review Letters</i> , <b>1995</b> , 74, 2933-2936	7.4	205
332	Conical intersection dynamics in NO <sub>2</sub> probed by homodyne high-harmonic spectroscopy. <i>Science</i> , <b>2011</b> , 334, 208-12	33.3	193
331	Polarization-selective etching in femtosecond laser-assisted microfluidic channel fabrication in fused silica. <i>Optics Letters</i> , <b>2005</b> , 30, 1867-9	3	191
330	Ionization and dissociation of diatomic molecules in intense infrared laser fields. <i>Journal of Chemical Physics</i> , <b>1992</b> , 97, 3187-3198	3.9	191
329	Semiclassical analysis of high harmonic generation in bulk crystals. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	188
328	Intense-field laser ionization rates in atoms and molecules. <i>Physical Review A</i> , <b>2001</b> , 64,	2.6	188
327	Reading diffraction images in strong field ionization of diatomic molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2004</b> , 37, L243-L250	1.3	185
326	Observation of electronic structure minima in high-harmonic generation. <i>Physical Review Letters</i> , <b>2009</b> , 102, 103901	7.4	177
325	Creating high-harmonic beams with controlled orbital angular momentum. <i>Physical Review Letters</i> , <b>2014</b> , 113, 153901	7.4	175
324	Deflection of Neutral Molecules using the Nonresonant Dipole Force. <i>Physical Review Letters</i> , <b>1997</b> , 79, 2787-2790	7.4	166
323	Pulse duration dependence of femtosecond-laser-fabricated nanogratings in fused silica. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 014104	3.4	165
322	Recollision physics. <i>Physics Today</i> , <b>2011</b> , 64, 36-41	0.9	161
321	Determining the absolute carrier phase of a few-cycle laser pulse. <i>Optics Letters</i> , <b>2000</b> , 25, 16-8	3	150
320	Atomic wavefunctions probed through strong-field light-matter interaction. <i>Nature Physics</i> , <b>2009</b> , 5, 412-416	16.2	149
319	Field-free three-dimensional alignment of polyatomic molecules. <i>Physical Review Letters</i> , <b>2006</b> , 97, 173001	7.4	149
318	Nonlinear ionization of organic molecules in high intensity laser fields. <i>Physical Review Letters</i> , <b>2000</b> , 84, 5082-5	7.4	149

317	Optical studies of inertially confined molecular iodine ions. <i>Physical Review Letters</i> , <b>1992</b> , 68, 2755-2758	7.4	141
316	Mapping attosecond electron wave packet motion. <i>Physical Review Letters</i> , <b>2005</b> , 94, 083003	7.4	132
315	Molecular reorientation during dissociative multiphoton ionization. <i>Physical Review A</i> , <b>1993</b> , 47, 2305-2316	13.6	131
314	Plasmon-enhanced high-harmonic generation from silicon. <i>Nature Physics</i> , <b>2017</b> , 13, 659-662	16.2	130
313	Internal laser-induced dipole force at work in C60 molecule. <i>Physical Review Letters</i> , <b>2003</b> , 91, 203004	7.4	129
312	Disentangling molecular alignment and enhanced ionization in intense laser fields. <i>Physical Review A</i> , <b>1999</b> , 59, R3170-R3173	2.6	126
311	Compression of high-power optical pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1988</b> , 5, 641	1.7	126
310	Fully differential rates for femtosecond multiphoton double ionization of neon. <i>Physical Review Letters</i> , <b>2004</b> , 92, 213002	7.4	123
309	Petahertz optical oscilloscope. <i>Nature Photonics</i> , <b>2013</b> , 7, 958-962	33.9	119
308	Tailored semiconductors for high-harmonic optoelectronics. <i>Science</i> , <b>2017</b> , 357, 303-306	33.3	119
307	Wave packet structure and dynamics measured by Coulomb explosion. <i>Physical Review Letters</i> , <b>1995</b> , 74, 3780-3783	7.4	118
306	Controlling attosecond double ionization dynamics via molecular alignment. <i>Physical Review Letters</i> , <b>2005</b> , 95, 203003	7.4	117
305	Direct test of laser tunneling with electron momentum imaging. <i>Physical Review Letters</i> , <b>2010</b> , 105, 133002	7.4	114
304	Polarization state of high-order harmonic emission from aligned molecules. <i>Physical Review Letters</i> , <b>2007</b> , 99, 243001	7.4	113
303	Attosecond strobing of two-surface population dynamics in dissociating H2+. <i>Physical Review Letters</i> , <b>2007</b> , 98, 073003	7.4	113
302	Signatures of the continuum electron phase in molecular strong-field photoelectron holography. <i>Nature Physics</i> , <b>2014</b> , 10, 594-600	16.2	112
301	Femtosecond Coulomb Explosion Imaging of Vibrational Wave Functions. <i>Physical Review Letters</i> , <b>1999</b> , 82, 3416-3419	7.4	112
300	Angular tunneling ionization probability of fixed-in-space H2 molecules in intense laser pulses. <i>Physical Review Letters</i> , <b>2009</b> , 102, 033004	7.4	109

299	Partitioning of the linear photon momentum in multiphoton ionization. <i>Physical Review Letters</i> , <b>2011</b> , 106, 193002	7.4	107
298	Ultrashort pulse non-linear optical absorption in transparent media. <i>Optics Express</i> , <b>2005</b> , 13, 3208-17	3.3	105
297	Generation of high-order harmonics from inertially confined molecular ions. <i>Physical Review A</i> , <b>1993</b> , 48, 580-590	2.6	105
296	Oriented rotational wave-packet dynamics studies via high harmonic generation. <i>Physical Review Letters</i> , <b>2012</b> , 109, 113901	7.4	104
295	Controlling the interference of multiple molecular orbitals in high-harmonic generation. <i>Physical Review Letters</i> , <b>2010</b> , 104, 233904	7.4	103
294	Compression of 1.8 fs laser pulses to sub two optical cycles with bulk material. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 121109	3.4	103
293	Phase control of rotational wave packets and quantum information. <i>Physical Review Letters</i> , <b>2004</b> , 93, 233601	7.4	102
292	Control of high-order harmonic generation in strong laser fields. <i>Physical Review A</i> , <b>1995</b> , 51, 3991-3998	2.6	102
291	Photonic streaking of attosecond pulse trains. <i>Nature Photonics</i> , <b>2013</b> , 7, 651-656	33.9	98
290	Quantum interference in double ionization and fragmentation of C <sub>6</sub> H <sub>6</sub> in intense laser fields. <i>Physical Review Letters</i> , <b>2001</b> , 87, 253003	7.4	97
289	Two-pulse alignment of molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2004</b> , 37, L43-L48	1.3	96
288	High harmonic generation and the role of atomic orbital wave functions. <i>Physical Review Letters</i> , <b>2007</b> , 98, 183903	7.4	95
287	Femtosecond laser-induced refractive index modification in multicomponent glasses. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 083102	2.5	94
286	Observation of Coulomb focusing in tunnelling ionization of noble gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2005</b> , 38, 1923-1933	1.3	94
285	Methods for the measurement of the duration of high-harmonic pulses. <i>Physical Review A</i> , <b>1997</b> , 56, 3870-3878	2.3	93
284	Chirped attosecond photoelectron spectroscopy. <i>Physical Review Letters</i> , <b>2006</b> , 96, 063002	7.4	93
283	Attosecond circular dichroism spectroscopy of polyatomic molecules. <i>Physical Review Letters</i> , <b>2009</b> , 102, 063601	7.4	92
282	Ellipticity and polarization effects in harmonic generation in ionizing neon. <i>Physical Review A</i> , <b>1995</b> , 51, R3418-R3421	2.6	92

281	Generation of infrared supercontinuum covering 3-14 microm in dielectrics and semiconductors. <i>Optics Letters</i> , <b>1985</b> , 10, 624-6	3	91
280	Laser-induced interference, focusing, and diffraction of rescattering molecular photoelectrons. <i>Physical Review Letters</i> , <b>2004</b> , 93, 223003	7.4	90
279	Time-resolved double ionization with few cycle laser pulses. <i>Physical Review Letters</i> , <b>2003</b> , 91, 093002	7.4	90
278	Probing angular correlations in sequential double ionization. <i>Physical Review Letters</i> , <b>2011</b> , 107, 113003	7.4	89
277	High-resolution study of photoinduced modification in fused silica produced by a tightly focused femtosecond laser beam in the presence of aberrations. <i>Journal of Applied Physics</i> , <b>2005</b> , 98, 013517	2.5	88
276	Subcycle control of electron-electron correlation in double ionization. <i>Physical Review Letters</i> , <b>2014</b> , 112, 193002	7.4	87
275	Enhanced ionization of diatomic molecules in strong laser fields: A classical model. <i>Physical Review A</i> , <b>1996</b> , 54, 736-741	2.6	86
274	Interband Bloch oscillation mechanism for high-harmonic generation in semiconductor crystals. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	84
273	Stress in femtosecond-laser-written waveguides in fused silica. <i>Optics Letters</i> , <b>2004</b> , 29, 1312-4	3	84
272	Attosecond spectral shearing interferometry. <i>Physical Review Letters</i> , <b>2003</b> , 90, 073902	7.4	83
271	Multiphoton ionization of Xe and Kr with intense 0.62- microm femtosecond pulses. <i>Physical Review Letters</i> , <b>1988</b> , 61, 153-156	7.4	82
270	How to use lasers for imaging attosecond dynamics of nuclear processes. <i>Physical Review Letters</i> , <b>2004</b> , 92, 013002	7.4	81
269	Few cycle dynamics of multiphoton double ionization. <i>Physical Review Letters</i> , <b>2001</b> , 86, 3522-5	7.4	81
268	Attosecond optics and technology: progress to date and future prospects [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2016</b> , 33, 1081	1.7	81
267	Interactions of Ultra-Intense Laser Light with Matter. <i>Physics Today</i> , <b>1995</b> , 48, 36-43	0.9	80
266	Imaging the time-dependent structure of a molecule as it undergoes dynamics. <i>Physical Review A</i> , <b>2005</b> , 72,	2.6	78
265	Controlling the orbital angular momentum of high harmonic vortices. <i>Nature Communications</i> , <b>2017</b> , 8, 14970	17.4	77
264	Ultrahigh-order wave mixing in noncollinear high harmonic generation. <i>Physical Review Letters</i> , <b>2011</b> , 106, 023001	7.4	77

263	Exciton-seeded multiphoton ionization in bulk SiO <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	74
262	Controlling vibrational wave packet motion with intense modulated laser fields. <i>Physical Review Letters</i> , <b>2003</b> , 90, 203601	7.4	73
261	Manipulation of quantum paths for space-time characterization of attosecond pulses. <i>Nature Physics</i> , <b>2013</b> , 9, 159-163	16.2	72
260	Time-resolved Coulomb explosion imaging: A method to measure structure and dynamics of molecular nuclear wave packets. <i>Physical Review A</i> , <b>1998</b> , 58, 426-433	2.6	72
259	Two-Electron Dissociative Ionization of H <sub>2</sub> and D <sub>2</sub> in Infrared Laser Fields. <i>Physical Review Letters</i> , <b>1996</b> , 77, 4150-4153	7.4	72
258	Laser Coulomb-explosion imaging of small molecules. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	71
257	Refraction effects associated with multiphoton ionization and ultrashort-pulse laser propagation in plasma waveguides. <i>Optics Letters</i> , <b>1991</b> , 16, 835-7	3	71
256	Attosecond photoionization of coherently coupled electronic states. <i>Physical Review A</i> , <b>2005</b> , 72,	2.6	69
255	CEP stable 1.6 cycle laser pulses at 1.8 fh. <i>Optics Express</i> , <b>2011</b> , 19, 6858-64	3.3	68
254	Controlling vibrational wave packets with intense, few-cycle laser pulses. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	68
253	Recollision during the High Laser Intensity Ionization of C <sub>60</sub> . <i>Physical Review Letters</i> , <b>2004</b> , 93, 043001	7.4	68
252	Optical deflection of molecules. <i>Physical Review A</i> , <b>1998</b> , 57, 2794-2801	2.6	68
251	Attosecond photoionization of a coherent superposition of bound and dissociative molecular states: effect of nuclear motion. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 134001	1.3	66
250	A fast scalable switching technique for high-power CO <sub>2</sub> laser radiation. <i>Applied Physics Letters</i> , <b>1975</b> , 27, 680-682	3.4	66
249	High-power, subpicosecond 10-microm pulse generation. <i>Optics Letters</i> , <b>1983</b> , 8, 514-6	3	65
248	Mechanisms of two-color laser-induced field-free molecular orientation. <i>Physical Review Letters</i> , <b>2012</b> , 109, 113001	7.4	62
247	Mapping molecular orbital symmetry on high-order harmonic generation spectrum using two-color laser fields. <i>Physical Review Letters</i> , <b>2010</b> , 105, 053003	7.4	61
246	Photon momentum sharing between an electron and an ion in photoionization: from one-photon (photoelectric effect) to multiphoton absorption. <i>Physical Review Letters</i> , <b>2014</b> , 113, 263005	7.4	60



245	Memory in nonlinear ionization of transparent solids. <i>Physical Review Letters</i> , <b>2006</b> , 97, 253001	7.4	60
244	Generation of 130-fsec midinfrared pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1986</b> , 3, 1625	1.7	60
243	Precise in-situ measurement of laser pulse intensity using strong field ionization. <i>Optics Express</i> , <b>2011</b> , 19, 9336-44	3.3	58
242	Stopping a vibrational wave packet with laser-induced dipole forces. <i>Physical Review Letters</i> , <b>2004</b> , 92, 133002	7.4	58
241	Femtosecond laser fabrication of nanostructures in silica glass. <i>Optics Letters</i> , <b>2003</b> , 28, 1043-5	3	57
240	Ultra-fast switching of infrared radiation by laser-produced carriers in semiconductors. <i>Canadian Journal of Physics</i> , <b>1979</b> , 57, 1280-1290	1.1	57
239	Coherent creation and annihilation of rotational wave packets in incoherent ensembles. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	56
238	Subfemtosecond processes in strong laser fields. <i>Annual Review of Physical Chemistry</i> , <b>1997</b> , 48, 387-406	15.7	55
237	Dynamic nuclear interference structures in the Coulomb explosion spectra of a hydrogen molecule in intense laser fields: Reexamination of molecular enhanced ionization. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	55
236	Electron-electron momentum exchange in strong field double ionization. <i>Physical Review Letters</i> , <b>2003</b> , 91, 123004	7.4	55
235	Laser physics. Attosecond pulses at last. <i>Nature</i> , <b>2000</b> , 403, 845-6	50.4	55
234	Two-Plasmon Decay and Profile Modification Produced by 10.6-fs Radiation at Quarter-Critical Density. <i>Physical Review Letters</i> , <b>1978</b> , 41, 1719-1722	7.4	55
233	Photon-momentum transfer in multiphoton ionization and in time-resolved holography with photoelectrons. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	54
232	Intensity dependence of multiple orbital contributions and shape resonance in high-order harmonic generation of aligned N <sub>2</sub> molecules. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	54
231	Femtosecond laser erasing and rewriting of self-organized planar nanocracks in fused silica glass. <i>Optics Letters</i> , <b>2007</b> , 32, 2888-90	3	54
230	Shakeup excitation during optical tunnel ionization. <i>Physical Review Letters</i> , <b>2005</b> , 94, 033003	7.4	54
229	Probing the spatial structure of a molecular attosecond electron wave packet using shaped recollision trajectories. <i>Physical Review Letters</i> , <b>2011</b> , 107, 093004	7.4	53
228	Probing Molecular Dynamics by Laser-Induced Backscattering Holography. <i>Physical Review Letters</i> , <b>2016</b> , 116, 133001	7.4	51

227	Gating attosecond pulse train generation using multicolor laser fields. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	51
226	Revealing the Cooper minimum of N <sub>2</sub> by molecular frame high-harmonic spectroscopy. <i>Physical Review Letters</i> , <b>2012</b> , 109, 143001	7.4	51
225	Laser-sub-cycle two-dimensional electron-momentum mapping using orthogonal two-color fields. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	49
224	Momentum space tomographic imaging of photoelectrons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 185402	1.3	49
223	Transient nanoplasmonics inside dielectrics. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, S273-S282	1.3	49
222	Probing polar molecules with high harmonic spectroscopy. <i>Physical Review Letters</i> , <b>2012</b> , 109, 233904	7.4	48
221	High-order harmonic transient grating spectroscopy in a molecular jet. <i>Physical Review Letters</i> , <b>2008</b> , 100, 143903	7.4	47
220	Manipulating quantum paths for novel attosecond measurement methods. <i>Nature Photonics</i> , <b>2014</b> , 8, 187-194	33.9	46
219	Field dependent avalanche ionization rates in dielectrics. <i>Physical Review Letters</i> , <b>2009</b> , 102, 083001	7.4	46
218	Time delay in molecular photoionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2016</b> , 49, 095602	1.3	45
217	High harmonic generation with long-wavelength few-cycle laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 074008	1.3	45
216	Barrier suppression in high intensity photodissociation of diatomics: Electronic and permanent dipole moment effects. <i>Journal of Chemical Physics</i> , <b>1997</b> , 106, 9095-9104	3.9	45
215	Orientation-dependent multiphoton ionization in wide band gap crystals. <i>Physical Review Letters</i> , <b>2008</b> , 101, 243001	7.4	45
214	Observing molecular dynamics with timed Coulomb explosion imaging. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>1998</b> , 356, 329-344	3	45
213	Applications of ultrafast wavefront rotation in highly nonlinear optics. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2014</b> , 47, 124004	1.3	44
212	Trajectory-resolved Coulomb focusing in tunnel ionization of atoms with intense, elliptically polarized laser pulses. <i>Physical Review Letters</i> , <b>2013</b> , 111, 023005	7.4	43
211	Attosecond pulses measured from the attosecond lighthouse. <i>Nature Photonics</i> , <b>2016</b> , 10, 171-175	33.9	42
210	Demonstration of attosecond ionization dynamics inside transparent solids. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 131002	1.3	42

209	Optical gain in rotationally excited nitrogen molecular ions. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	41
208	Resistance of short pulses to self-focusing. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1994</b> , 11, 492	1.7	41
207	Strong-field optoelectronics in solids. <i>Nature Photonics</i> , <b>2018</b> , 12, 465-468	33.9	40
206	Linked attosecond phase interferometry for molecular frame measurements. <i>Nature Physics</i> , <b>2013</b> , 9, 174-178	16.2	40
205	Attosecond temporal gating with elliptically polarized light. <i>Physical Review Letters</i> , <b>2006</b> , 97, 253903	7.4	40
204	Asymmetry in the harmonic generation from nonsymmetric molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2005</b> , 38, L339-L346	1.3	40
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