

Xiao-Min Tong

List of Publications by Year in descending order

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234
papers

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citations

47006

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all docs

236
docs citations

236
times ranked

2880
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of molecular tunneling ionization. <i>Physical Review A</i> , 2002, 66, .	2.5	748
2	Empirical formula for static field ionization rates of atoms and molecules by lasers in the barrier-suppression regime. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 2593-2600.	1.5	505
3	Theoretical study of multiple high-order harmonic generation by intense ultrashort pulsed laser fields: A new generalized pseudospectral time-dependent method. <i>Chemical Physics</i> , 1997, 217, 119-130.	1.9	384
4	Probing the spectral and temporal structures of high-order harmonic generation in intense laser pulses. <i>Physical Review A</i> , 2000, 61, .	2.5	188
5	Effects Of Molecular Structure on Ion Disintegration Patterns In Ionization of O ₂ and N ₂ by Short Laser Pulses. <i>Physical Review Letters</i> , 2004, 93, 113003.	7.8	183
6	Soft X-ray-Driven Femtosecond Molecular Dynamics. <i>Science</i> , 2007, 317, 1374-1378.	12.6	178
7	Direct Visualization of Laser-Driven Electron Multiple Scattering and Tunneling Distance in Strong-Field Ionization. <i>Physical Review Letters</i> , 2012, 109, 073004.	7.8	172
8	Phase-dependent atomic ionization in few-cycle intense laser fields. <i>Physical Review A</i> , 2006, 74, .	2.5	166
9	Density-functional theory with optimized effective potential and self-interaction correction for ground states and autoionizing resonances. <i>Physical Review A</i> , 1997, 55, 3406-3416.	2.5	159
10	<i>Ab initio</i> multiscale simulation of high-order harmonic generation in solids. <i>Physical Review A</i> , 2018, 97, .	2.5	137
11	Laser-peak-intensity calibration using recoil-ion momentum imaging. <i>Physical Review A</i> , 2004, 70, .	2.5	134
12	Time-dependent density-functional theory for strong-field multiphoton processes: Application to the study of the role of dynamical electron correlation in multiple high-order harmonic generation. <i>Physical Review A</i> , 1998, 57, 452-461.	2.5	133
13	Routes to Control of H ₂ Coulomb Explosion in Few-Cycle Laser Pulses. <i>Physical Review Letters</i> , 2004, 93, 183202.	7.8	133
14	Creation and control of a single coherent attosecond xuv pulse by few-cycle intense laser pulses. <i>Physical Review A</i> , 2006, 74, .	2.5	130
15	Strong-field ionization with two-color circularly polarized laser fields. <i>Physical Review A</i> , 2015, 91, .	2.5	124
16	Analysis of two-dimensional photoelectron momentum spectra and the effect of the long-range Coulomb potential in single ionization of atoms by intense lasers. <i>Physical Review A</i> , 2006, 74, .	2.5	118
17	Attosecond vacuum UV coherent control of molecular dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 912-917.	7.1	116
18	Rescattering Double Ionization of D ₂ and H ₂ by Intense Laser Pulses. <i>Physical Review Letters</i> , 2003, 91, 163002.	7.8	114

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19	Electron Emission from Metal Surfaces by Ultrashort Pulses: Determination of the Carrier-Envelope Phase. <i>Physical Review Letters</i> , 2003, 90, 076403.	7.8	113
20	Effects of orbital symmetries in dissociative ionization of molecules by few-cycle laser pulses. <i>Physical Review A</i> , 2005, 71, .	2.5	100
21	Ab Initio Simulation of Electrical Currents Induced by Ultrafast Laser Excitation of Dielectric Materials. <i>Physical Review Letters</i> , 2014, 113, 087401.	7.8	100
22	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. <i>Physical Review A</i> , 2016, 93, .	2.5	100
23	Alignment dependence of high-order harmonic generation from N ₂ and O ₂ molecules in intense laser fields. <i>Physical Review A</i> , 2005, 72, .	2.5	97
24	Multiphoton ionization and high-order harmonic generation of He, Ne, and Ar atoms in intense pulsed laser fields: Self-interaction-free time-dependent density-functional theoretical approach. <i>Physical Review A</i> , 2001, 64, .	2.5	88
25	Role of molecular orbital symmetry on the alignment dependence of high-order harmonic generation with molecules. <i>Physical Review A</i> , 2005, 71, .	2.5	86
26	Alignment-dependent ionization probability of molecules in a double-pulse laser field. <i>Physical Review A</i> , 2003, 67, .	2.5	82
27	Dynamics of Light-Field Control of Molecular Dissociation at the Few-Cycle Limit. <i>Physical Review Letters</i> , 2007, 98, 123002.	7.8	82
28	Simultaneous real-time tracking of wave packets evolving on two different potential curves in H ₂ ⁺ and D ₂ ⁺ . <i>Physical Review A</i> , 2005, 72, .	2.5	81
29	Probing Molecular Dynamics at Attosecond Resolution with Femtosecond Laser Pulses. <i>Physical Review Letters</i> , 2003, 91, 233203.	7.8	77
30	IR-assisted ionization of helium by attosecond extreme ultraviolet radiation. <i>New Journal of Physics</i> , 2010, 12, 013008.	2.9	77
31	Experimental Demonstration of the Breit Interaction which Dominates the Angular Distribution of X-ray Emission in Dielectronic Recombination. <i>Physical Review Letters</i> , 2012, 108, 073002.	7.8	76
32	Evidence of two-center interference in high-order harmonic generation from CO ₂ . <i>Physical Review A</i> , 2006, 73, .	2.5	72
33	High resolution kinetic energy release spectra and angular distributions from double ionization of nitrogen and oxygen by short laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 4239-4257.	1.5	71
34	Momentum imaging of doubly charged ions of Ne and Ar in the sequential ionization region. <i>Physical Review A</i> , 2005, 72, .	2.5	67
35	Post ionization alignment of the fragmentation of molecules in an ultrashort intense laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 333-341.	1.5	67
36	Formation of very-low-energy states crossing the ionization threshold of argon atoms in strong mid-infrared fields. <i>Physical Review A</i> , 2014, 90, .	2.5	67

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37	Low-energy peak structure in strong-field ionization by midinfrared laser pulses: Two-dimensional focusing by the atomic potential. <i>Physical Review A</i> , 2012, 85, .	2.5	64
38	Inner shell excitation of SO ₂ by high-energy electron impact: a comparison with multichannel quantum defect theory. <i>Chemical Physics</i> , 1987, 115, 433-451.	1.9	59
39	Controlling the XUV Transparency of Helium Using Two-Pathway Quantum Interference. <i>Physical Review Letters</i> , 2011, 106, 193008.	7.8	58
40	Fine structures in the intensity dependence of excitation and ionization probabilities of hydrogen atoms in intense 800-nm laser pulses. <i>Physical Review A</i> , 2014, 89, .	2.5	58
41	Time-dependent approach to high-resolution spectroscopy and quantum dynamics of Rydberg atoms in crossed magnetic and electric fields. <i>Physical Review A</i> , 2000, 61, .	2.5	57
42	Atomic energy levels and Landé g factors: A theoretical study. <i>Physical Review A</i> , 1995, 52, 2770-2777.	2.5	54
43	Generation of circularly polarized multiple high-order harmonic emission from two-color crossed laser beams. <i>Physical Review A</i> , 1998, 58, R2656-R2659.	2.5	52
44	The measurement of the dielectronic recombination in He-like Fe ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 5095-5102.	1.5	52
45	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 171001.	1.5	52
46	Mechanisms of infrared-laser-assisted atomic ionization by attosecond pulses. <i>Physical Review A</i> , 2010, 81, .	2.5	49
47	Subcycle laser control and quantum interferences in attosecond photoabsorption of neon. <i>Physical Review A</i> , 2013, 87, .	2.5	49
48	Numerical Observation of the Rescattering Wave Packet in Laser-Atom Interactions. <i>Physical Review Letters</i> , 2007, 99, 093001.	7.8	48
49	Attosecond Streaking in the Low-Energy Region as a Probe of Rescattering. <i>Physical Review Letters</i> , 2011, 107, 183001.	7.8	47
50	Attosecond-Resolved Evolution of a Laser-Dressed Helium Atom: Interfering Excitation Paths and Quantum Phases. <i>Physical Review Letters</i> , 2012, 108, 193002.	7.8	45
51	High-order harmonic cutoff extension of the O ₂ molecule due to ionization suppression. <i>Physical Review A</i> , 2002, 66, .	2.5	42
52	Interference of electron wave packets in atomic ionization by subcycle sculpted laser pulses. <i>Physical Review A</i> , 2014, 89, .	2.5	42
53	Theory of Subcycle Linear Momentum Transfer in Strong-Field Tunneling Ionization. <i>Physical Review Letters</i> , 2020, 125, 073202.	7.8	42
54	Correlation dynamics between electrons and ions in the fragmentation of D ₂ molecules by short laser pulses. <i>Physical Review A</i> , 2003, 68, .	2.5	40

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55	Laser-induced substructures in above-threshold-ionization spectra from intense few-cycle laser pulses. <i>Physical Review A</i> , 2006, 73, .	2.5	40
56	Effect of electron correlation on high-order-harmonic generation of helium atoms in intense laser fields: Time-dependent generalized pseudospectral approach in hyperspherical coordinates. <i>Physical Review A</i> , 2006, 73, .	2.5	39
57	Evasive enhanced ionization structure for H^2 in intense ultrashort laser pulses. <i>Physical Review A</i> , 2008, 78, .	2.5	38
58	Dielectronic recombination in He-like titanium ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 2343-2353.	1.5	37
59	Ionization suppression of Cl ₂ molecules in intense laser fields. <i>Physical Review A</i> , 2004, 70, .	2.5	36
60	Coherent control of D ₂ /H ₂ dissociative ionization by a mid-infrared two-color laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 025601.	1.5	36
61	Observation of ionization enhancement in two-color circularly polarized laser fields. <i>Physical Review A</i> , 2017, 96, .	2.5	36
62	Relativistic density-functional theory with the optimized effective potential and self-interaction correction: Application to atomic structure calculations (Z=2â€“106). <i>Physical Review A</i> , 1998, 57, 855-863.	2.5	35
63	Classical-quantum correspondence in atomic ionization by midinfrared pulses: Multiple peak and interference structures. <i>Physical Review A</i> , 2013, 87, .	2.5	35
64	Measurement of laser intensities approaching 10 ¹⁵ W/cm ² with an accuracy of 1%.	2.5	35
65	Energy loss of charged particles at large distances from metal surfaces. <i>Physical Review A</i> , 2005, 72, .	2.5	33
66	Signatures of tunneling and multiphoton ionization in the electron-momentum distributions of atoms by intense few-cycle laser pulses. <i>Physical Review A</i> , 2006, 74, .	2.5	32
67	Inner-shell electron energy loss spectra of NO ₂ at high resolution: Comparison with multichannel quantum defect calculations of dipole oscillator strengths and transition energies. <i>Chemical Physics</i> , 1990, 140, 265-279.	1.9	31
68	Ionization of atomic hydrogen by antiproton impact: A direct solution of the time-dependent Schrödinger equation. <i>Physical Review A</i> , 2001, 64, .	2.5	30
69	State-Specified Protonium Formation in Low-Energy Antiproton-Hydrogen-Atom Collisions. <i>Physical Review Letters</i> , 2006, 97, 243202.	7.8	28
70	Controlling atomic structures and photoabsorption processes by an infrared laser. <i>Physical Review A</i> , 2010, 81, .	2.5	28
71	Two-photon transitions in atomic inner shells: Relativistic and atomic-screening effects. <i>Physical Review A</i> , 1990, 42, 1442-1449.	2.5	27
72	Single ionization of helium by antiprotons: A case study by self-interaction-free time-dependent density-functional theory. <i>Physical Review A</i> , 2002, 66, .	2.5	26

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73	Triply differential cross section and polarization correlations in electron bremsstrahlung emission. <i>Physical Review A</i> , 1996, 53, 4158-4163.	2.5	25
74	Electron-impact ionization of hydrogen-like iron ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 4003-4013.	1.5	25
75	Alignment dependence of high-order harmonic generation from CO ₂ . <i>Journal of Modern Optics</i> , 2007, 54, 967-980.	1.3	25
76	Laser-Enabled Auger Decay in Rare-Gas Atoms. <i>Physical Review Letters</i> , 2011, 106, 053002.	7.8	25
77	Time-dependent Schrödinger equation method: Application to charge transfer and excitation in H and H ⁺ collisions. <i>Physical Review A</i> , 2000, 62, .	2.5	24
78	Time-dependent approach to three-body rearrangement collisions: Application to the capture of heavy negatively charged particles by hydrogen atoms. <i>Physical Review A</i> , 2007, 75, .	2.5	23
79	Rydberg states in the strong field ionization of hydrogen by 800, 1200 and 1600 nm lasers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 204019.	1.5	22
80	Controlling ultrafast currents by the nonlinear photogalvanic effect. <i>New Journal of Physics</i> , 2015, 17, 123026.	2.9	22
81	Dependence of tunneling ionization and harmonic generation on the structure of molecules by short intense laser pulses. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 213-219.	3.9	21
82	Precise and Accurate Measurements of Strong-Field Photoionization and a Transferable Laser Intensity Calibration Standard. <i>Physical Review Letters</i> , 2016, 117, 053001.	7.8	21
83	Self-interaction-free density-functional theoretical study of the electronic structure of spherical and vertical quantum dots. <i>Physical Review B</i> , 2001, 63, .	3.2	20
84	Atomic-number dependence of the magnetic-sublevel population in the autoionization state formed in dielectronic recombination. <i>Physical Review A</i> , 2014, 90, .	2.5	20
85	Coherent control of the dissociation probability of H ₂ ⁺ in two-color fields. <i>Physical Review A</i> , 2016, 93, .	2.5	20
86	Electron impact ionization of hydrogen-like molybdenum ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 5095-5103.	1.5	19
87	Quantum localization in the three-dimensional kicked Rydberg atom. <i>Physical Review A</i> , 2003, 68, .	2.5	19
88	Propensity Rule for Novel Selective Double Photoexcitation of Helium Atoms in Strong Static Electric Fields. <i>Physical Review Letters</i> , 2004, 92, 223003.	7.8	19
89	Double photoexcitation of He atoms by attosecond xuv pulses in the presence of intense few-cycle infrared lasers. <i>Physical Review A</i> , 2005, 71, .	2.5	19
90	Effects of orbital symmetries on the ionization rates of aligned molecules by short intense laser pulses. <i>Journal of Modern Optics</i> , 2006, 53, 21-33.	1.3	19

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91	Deexcitation Dynamics of Muonic Atoms Revealed by High-Precision Spectroscopy of Electronic K X Rays. Physical Review Letters, 2021, 127, 053001.	7.8	19
92	Delayed maxima in photoionization cross sections of atomic ions. Physical Review A, 1990, 42, 5348-5351.	2.5	18
93	Resonant excitation during strong-field dissociative ionization. Physical Review A, 2005, 72, .	2.5	18
94	Observation of dynamic Stark resonances in strong-field excitation. Physical Review A, 2020, 101, .	2.5	18
95	Time-dependent approach to high-resolution spectroscopy: application to the photoabsorption spectrum of classically chaotic hydrogen atoms in magnetic fields. Chemical Physics Letters, 1998, 294, 31-36.	2.6	16
96	Time-resolved sequential double ionization of D ₂ molecules in an intense few-cycle laser pulse. Physical Review A, 2004, 70, .	2.5	16
97	Anomalous Bumpy Structures in the Capture Cross Sections of Antiprotons by Helium. Physical Review Letters, 2008, 101, 163201.	7.8	16
98	Asymmetric profiles observed in the recombination of B_i A benchmark for relativistic theories involving interference. Physical Review A, 2009, 80, .	2.5	16
99	Enhanced ionization of hydrogen molecular ions in an intense laser field via a multiphoton resonance. Physical Review A, 2010, 81, .	2.5	16
100	Enhanced multiple-scattering and intra-half-cycle interferences in the photoelectron angular distributions of atoms ionized in midinfrared laser fields. Physical Review A, 2013, 88, .	2.5	16
101	Intensity dependence of the attosecond control of the dissociative ionization of D ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 124020.	1.5	16
102	Application of norm-conserving pseudopotentials to intense laser-matter interactions. Physical Review A, 2015, 92, .	2.5	16
103	Very-high-order harmonic generation from Ar atoms and Ar ⁺ ions in superintense pulsed laser fields: An ab initio self-interaction-free time-dependent density-functional approach. Physical Review A, 2005, 71, .	2.5	15
104	Attosecond xuv pulses for complete mapping of the time-dependent wave packets of D ₂ ⁺ . Physical Review A, 2006, 73, .	2.5	15
105	Carrier-envelope phase dependence of nonsequential double ionization of H ₂ by few-cycle laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 641-649.	1.5	15
106	Branching ratios of x-ray photons from dielectronic recombination processes in H-like titanium ions. Physical Review A, 2008, 77, .	2.5	15
107	Magnetic-Field Effect in High-Order Above-Threshold Ionization. Physical Review Letters, 2022, 128, 023201.	7.8	15
108	New developments in the theory of bremsstrahlung. Nuclear Instruments & Methods in Physics Research B, 1995, 99, 156-159.	1.4	14

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109	Infrared-laser-assisted photoionization of helium by coherent extreme ultraviolet light. Physical Review A, 2010, 81, .	2.5	14
110	Sub-cycle directional control of the dissociative ionization of H ₂ in tailored femtosecond laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 172001.	1.5	14
111	Time-dependent density-functional theory with optimized effective potential and self-interaction correction: Application to the study of coherent control of multiple high-order harmonic generation of He atoms in mixed laser fields. International Journal of Quantum Chemistry, 1998, 69, 293-303.	2.0	13
112	Multiple high-order harmonic generation in the presence of intense laser and static magnetic fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 5593-5603.	1.5	13
113	Scaling relation in the collision of hydrogenlike ions with antiprotons. Physical Review A, 2002, 66, .	2.5	13
114	Signature of chaos in high-lying doubly excited states of the helium atom. Physical Review A, 2005, 72, .	2.5	13
115	Attosecond Coherent Control of Single and Double Photoionization in Argon. Physical Review Letters, 2015, 115, 173004.	7.8	13
116	Transition from nonsequential to sequential double ionization in many-electron systems. Physical Review A, 2017, 96, .	2.5	13
117	Fine structure in 3d ⁴ States of Highly Charged Ti-like Ions. Journal of the Chinese Chemical Society, 2001, 48, 525-529.	1.4	12
118	Direct experimental visualization of atomic and electron dynamics with attosecond pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, S419-S426.	1.5	12
119	Intensity dependence of the dissociative ionization of DCI in few-cycle laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 015601.	1.5	12
120	A three-dimensional time-dependent Schrödinger equation solver: an application to hydrogen atoms in an elliptical laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 144004.	1.5	12
121	Inner-shell excitation of NO ₂ -near-threshold structure. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 1531-1535.	1.5	11
122	Mechanisms of giant resonance in 4d photoionization of Eu. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 717-725.	1.5	11
123	Energy structure of hollow atoms or ions in the bulk of metallic materials. Physical Review A, 2001, 63, .	2.5	11
124	Mechanism of dominance of the Breit interaction in dielectronic recombination. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144002.	1.5	11
125	Photoabsorption spectra of I and its ions in the 4d region. Physical Review A, 2002, 65, .	2.5	10
126	Green's function for multielectron ions and its application to radiative recombination involving dielectronic recombinations. Physical Review A, 2009, 80, .	2.5	10

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127	Theory and experiment on laser-enabled inner-valence Auger decay of rare-gas atoms. <i>Physical Review A</i> , 2011, 84, .	2.5	10
128	Mapping and controlling ultrafast dynamics of highly excited H^2 molecules by VUV-IR pump-probe schemes. <i>Physical Review A</i> , 2017, 95, .	2.5	10
129	Theory of bound-state coherences generated and probed by optical attosecond pulses. <i>Physical Review A</i> , 2020, 101, .	2.5	10
130	Relativistic Multichannel Theory: Theoretical Studies of Excited Energy Structure of Ar Atom. <i>Chinese Physics Letters</i> , 1995, 12, 351-354.	3.3	9
131	Charge capture and impact excitation processes in H+on He+collisions: a case study by the time-dependent Schrödinger equation method. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 5585-5591.	1.5	9
132	Dielectronic recombination of hydrogen-like ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 235, 261-264.	1.4	9
133	Alignment-dependent ionization of hydrogen molecules in intense laser fields. <i>Physical Review A</i> , 2011, 83, .	2.5	9
134	Attosecond quantum-beat spectroscopy in helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 055601.	1.5	9
135	Electron correlations in the antiproton energy-loss distribution in He. <i>Physical Review A</i> , 2018, 98, .	2.5	9
136	Relativistic effect of atomic radiative processes. <i>Physical Review A</i> , 1994, 49, 4641-4644.	2.5	8
137	Circularly-polarized laser-assisted photoionization spectra of argon for attosecond pulse measurements. <i>Optics Express</i> , 2005, 13, 1966.	3.4	8
138	Coulomb focusing effect on the space distribution of the rescattering electron wavepacket in the laser-atom interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 165603.	1.5	8
139	Double ionization of He in an intense laser field via a rescattering process. <i>Physical Review A</i> , 2010, 82, .	2.5	8
140	Ellipticity dependence of excitation and ionization of argon atoms by short-pulse infrared radiation. <i>Physical Review A</i> , 2020, 102, .	2.5	8
141	Electron spectroscopy of doubly excited states in He produced by slow collisions of He ²⁺ ions with Ba atoms. <i>Physical Review A</i> , 2001, 64, .	2.5	7
142	Quantum localization in the high-frequency limit. <i>Physical Review A</i> , 2002, 66, .	2.5	7
143	Interacting dynamic Wannier-Stark ladder driven by a periodic pulse train. <i>Physical Review B</i> , 2008, 77, .	3.2	7
144	Photoionization dynamics in the presence of attosecond pulse trains and strong fields. <i>Chemical Physics</i> , 2013, 414, 139-148.	1.9	7

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145	Routes to control Cooper minimum in high order harmonics generated in argon gas. New Journal of Physics, 2020, 22, 083031.	2.9	7
146	Hard x-ray interaction with materials. Review of Scientific Instruments, 1992, 63, 493-495.	1.3	6
147	Heat energy deposition in x-ray interaction with materials application to Si and Be. Journal of Applied Physics, 1995, 78, 2288-2297.	2.5	6
148	Abnormal branching ratios in laser-excited Rydberg series of Yb+, Ba+, and Sr+. Physical Review A, 1996, 53, 3994-3999.	2.5	6
149	Atomic photoabsorption process controlled by static and oscillating magnetic fields. Physical Review A, 2009, 80, .	2.5	6
150	Laser information encoded in atomic asymmetrical ionization in few-cycle laser fields. Physical Review A, 2011, 84, .	2.5	6
151	Anomalous alignment dependence of the third-order harmonic of H $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ ions in intense laser fields. Physical Review A, 2012, 86, .	2.5	6
152	The interaction of excited atoms and few-cycle laser pulses. Scientific Reports, 2016, 6, 34101.	3.3	6
153	Measuring laser carrier-envelope-phase effects in the noble gases with an atomic hydrogen calibration standard. Physical Review A, 2017, 96, .	2.5	6
154	Coulomb effect on the dynamics of atoms in a strong elliptical laser field: Unification of the excitation and ionization. Physical Review A, 2019, 100, .	2.5	6
155	A vacuum protection system for the front end of SPring-8. Review of Scientific Instruments, 1992, 63, 376-379.	1.3	5
156	Theoretical Studies of the X-Ray Mirror Surface Roughness. Japanese Journal of Applied Physics, 1993, 32, L502-L505.	1.5	5
157	Sharp and window resonances in the 4d photoabsorption spectrum of Eu+ ions. Physical Review A, 2001, 64, .	2.5	5
158	Comment on "Correlation Quantum Dynamics between an Electron and D2+ Molecule with Attosecond Resolution". Physical Review Letters, 2006, 97, 049301; author reply 049302.	7.8	5
159	Attosecond coherent control of oxygen dissociation by XUV-IR laser fields using three-dimensional momentum imaging. Physical Review A, 2018, 98, .	2.5	5
160	Revealing the role of electron-electron correlations by mapping dissociation of highly excited D2+ using ultrashort XUV pulses. Physical Review A, 2018, 97, .	2.5	5
161	Analysis of Resonance Transitions in X-Ray Spectra of Electron Interaction with Highly Charged Iron Ions. Journal of Plasma and Fusion Research, 2003, 79, 52-60.	0.4	5
162	Carrier-Envelope Phase-Dependent Strong-Field Excitation. Physical Review Letters, 2022, 128, 173201.	7.8	5

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163	High energy operation of the Tokyo-electron beam ion trap/present status. Review of Scientific Instruments, 2000, 71, 687-689.	1.3	4
164	Dielectronic recombination in highly charged He-like ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 378-381.	1.4	4
165	Friction Force for Charged Particles at Large Distances from Metal Surfaces. Advances in Quantum Chemistry, 2004, , 29-64.	0.8	4
166	Protocol for observing molecular dipole excitations by attosecond self-streaking. Physical Review A, 2015, 92, .	2.5	4
167	Extraction characteristics of Na and Na ₂ negative ions from a small multicusp ion source. Review of Scientific Instruments, 1992, 63, 2447-2449.	1.3	3
168	Electron Impact Excitation Cross Section and Rate: Revised Bethe Formula. Chinese Physics Letters, 1995, 12, 581-584.	3.3	3
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