

Marcelo Ciappina

List of Publications by Year in descending order

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171
papers

3,603
citations

168829

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182931

54
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173
all docs

173
docs citations

173
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong laser fields and their power to generate controllable high-photon-number coherent-state superpositions. <i>Physical Review A</i> , 2022, 105, .	1.0	18
2	Resonance signatures in DCS and spin polarization for positron scattering with C_{60} and rare gas endohedrals. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2022, 55, 065201.	0.6	1
3	Recent advances in ultrafast plasmonics: from strong field physics to ultraprecision spectroscopy. <i>Nanophotonics</i> , 2022, 11, 2393-2431.	2.9	7
4	High Photon Number Entangled States and Coherent State Superposition from the Extreme Ultraviolet to the Far Infrared. <i>Physical Review Letters</i> , 2022, 128, 123603.	2.9	24
5	Microscopic simulations of high harmonic generation from semiconductors. , 2022, , .		1
6	Positron scattering from C_{60} and rare gas endohedrals. <i>European Physical Journal D</i> , 2022, 76, 1.	0.6	1
7	Recent trends in high-order harmonic generation in solids. <i>Advances in Physics: X</i> , 2022, 7, .	1.5	14
8	Advances in nonlinear spectroscopy using phase modulated light fields: prospective applications in perturbative and non-perturbative regimes. <i>Advances in Physics: X</i> , 2022, 7, .	1.5	4
9	Atomic Concealment Due to Loss of Coherence of the Incident Beam of Projectiles in Collision Processes. <i>Atoms</i> , 2021, 9, 5.	0.7	3
10	Controlling polarization of attosecond pulses with plasmonic-enhanced bichromatic counter-rotating circularly polarized fields. <i>Physical Review A</i> , 2021, 103, .	1.0	13
11	Manipulating twisted electrons in strong-field ionization. <i>Faraday Discussions</i> , 2021, 228, 394-412.	1.6	16
12	A systematic construction of Gaussian basis sets for the description of laser field ionization and high-harmonic generation. <i>Journal of Chemical Physics</i> , 2021, 154, 094111.	1.2	12
13	Quantum-Optical Spectrometry in Relativistic Laser-Plasma Interactions Using the High-Harmonic Generation Process: A Proposal. <i>Photonics</i> , 2021, 8, 192.	0.9	10
14	Principal frequency of an ultrashort laser pulse. <i>Physical Review A</i> , 2021, 103, .	1.0	6
15	Enhanced extreme ultraviolet high-harmonic generation from chromium-doped magnesium oxide. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	22
16	Controlling polarization of attosecond pulses with plasmonic-enhanced bichromatic counter-rotating circularly polarized fields. , 2021, , .		0
17	Conservation laws for electron vortices in strong-field ionisation. <i>European Physical Journal D</i> , 2021, 75, 199.	0.6	11
18	Three-electron correlations in strong laser field ionization. <i>Optics Express</i> , 2021, 29, 26526.	1.7	7

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19	Generation of optical Schrödinger cat states in intense laser-matter interactions. Nature Physics, 2021, 17, 1104-1108.	6.5	54
20	Effective super-bandwidth in laser pulses. Optics Letters, 2021, 46, 4761.	1.7	1
21	Wave mixing and high-harmonic generation enhancement by a two-color field driven dielectric metasurface [Invited]. Chinese Optics Letters, 2021, 19, 123202.	1.3	38
22	New schemes for creating large optical Schrödinger cat states using strong laser fields. Journal of Computational Electronics, 2021, 20, 2111-2123.	1.3	11
23	Polarization in strong-field ionization of excited helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 194002.	0.6	6
24	Neighboring Atom Collisions in Solid-State High Harmonic Generation. Ultrafast Science, 2021, 2021, .	5.8	20
25	Above-threshold ionization driven by few-cycle spatially bounded inhomogeneous laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 065403.	0.6	5
26	Circular dichroism in higher-order harmonic generation: Heralding topological phases and transitions in Chern insulators. Physical Review B, 2020, 102, .	1.1	87
27	Ejected-electron-energy and angular dependence of fully differential ionization cross sections in medium-velocity proton collisions with He and H_2 . Physical Review A, 2020, 102, .	1.0	2
28	Laser-assisted photoionization: Streaking, sideband, and pulse-train cases. Physical Review A, 2020, 102, .	1.0	3
29	Target dependence of post-collision effects in ionization by proton impact. Journal of Physics: Conference Series, 2020, 1412, 152006.	0.3	0
30	Static-field ionization model of He-like ions for diagnostics of light-field intensity. Physical Review A, 2020, 102, .	1.0	2
31	On how classical uncertainties might affect the coherence properties of collisions processes, and how to control them. Journal of Physics: Conference Series, 2020, 1412, 122030.	0.3	0
32	Atomic diagnostics of ultrahigh laser intensities. Journal of Physics: Conference Series, 2020, 1412, 152001.	0.3	0
33	Fully differential study of ionization of H_2 by p impact near velocity matching. Journal of Physics: Conference Series, 2020, 1412, 152042.	0.3	0
34	New structures in fully differential cross sections for ionization of He by proton impact. Journal of Physics: Conference Series, 2020, 1412, 152089.	0.3	0
35	Focal-shape effects on the efficiency of the tunnel-ionization probe for extreme laser intensities. Matter and Radiation at Extremes, 2020, 5, .	1.5	14
36	Wavelength-Dependent Features of Photoelectron Spectra from Nanotip Photoemission. Photonics, 2020, 7, 129.	0.9	5

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37	Coherence properties of the projectile's beam: The missing piece of the $C^{6+} + He$ ionization puzzle. Journal of Physics: Conference Series, 2020, 1412, 152033.	0.3	2
38	Multi-channel contributions to infrared-driven high-harmonic generation in solids. Journal of Physics: Conference Series, 2020, 1412, 082006.	0.3	1
39	Torsion in quantum field theory through time-loops on Dirac materials. Physical Review D, 2020, 101, .	1.6	18
40	Diagnostics of ultra-intense laser pulses using tunneling ionization. Laser Physics Letters, 2020, 17, 025301.	0.6	12
41	The imaginary part of the high-harmonic cutoff. JPhys Photonics, 2020, 2, 034013.	2.2	10
42	Towards Laser Intensity Calibration Using High-Field Ionization. Topics in Applied Physics, 2020, , 149-176.	0.4	0
43	Quantum coherence enfeebled by classical uncertainties. Physical Review Research, 2020, 2, .	1.3	3
44	Extraction of higher-order nonlinear electronic response in solids using high harmonic generation. , 2020, , .		0
45	Free evolution of a mixture of quantum states with classical space and momentum uncertainties. European Journal of Physics, 2019, 40, 065402.	0.3	3
46	Extraction of higher-order nonlinear electronic response in solids using high harmonic generation. Nature Communications, 2019, 10, 3272.	5.8	33
47	Crystal-momentum-resolved contributions to high-order harmonic generation in solids. Physical Review A, 2019, 100, .	1.0	36
48	Target dependence of postcollision interaction effects on fully differential ionization cross sections. Physical Review A, 2019, 100, .	1.0	8
49	Symphony on strong field approximation. Reports on Progress in Physics, 2019, 82, 116001.	8.1	123
50	Few-body dynamics underlying postcollision effects in the ionization of H^+ by 75-keV proton impact. Physical Review A, 2019, 99, .	1.0	6
51	All-optical spatio-temporal control of electron emission from SiO ₂ nanospheres with femtosecond two-color laser fields. New Journal of Physics, 2019, 21, 073011.	1.2	7
52	Target dependence of post-collision effects in ionization by proton impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 125202.	0.6	5
53	Distortion of the Ionization Cross Section of He by the Coherence Properties of a C^{6+} Beam. Atoms, 2019, 7, 31.	0.7	4
54	Progress toward atomic diagnostics of ultrahigh laser intensities. Physical Review A, 2019, 99, .	1.0	35

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55	Spectral Interference in High Harmonic Generation from Solids. ACS Photonics, 2019, 6, 851-857.	3.2	38
56	Perspective on Petahertz Electronics and Attosecond Nanoscopy. ACS Photonics, 2019, 6, 3057-3069.	3.2	49
57	Carrier-envelope-phase-controlled molecular dissociation by ultrashort chirped laser pulses. Physical Review A, 2019, 100, .	1.0	4
58	4. Coherence and contextuality in scattering experiments. , 2019, , 61-80.		0
59	Enclosing all zeros of a system of analytic functions. Applied Mathematics and Computation, 2019, 348, 513-522.	1.4	1
60	Fully differential cross sections for Li ²⁺ -impact ionization of Li(2s) and Li(2p). Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 095202.	0.6	2
61	Nonadiabatic ponderomotive effects in photoemission from nanotips in intense midinfrared laser fields. Physical Review A, 2018, 97, .	1.0	14
62	High-order harmonic generation driven by inhomogeneous plasmonics fields spatially bounded: influence on the cut-off law. Journal of Optics (United Kingdom), 2018, 20, 034002.	1.0	15
63	Double-Electron Ionization Driven by Inhomogeneous Fields. , 2018, , 491-508.		0
64	Above-threshold ionization in multicenter molecules: The role of the initial state. Physical Review A, 2018, 97, .	1.0	14
65	Electron capture to the continuum manifestation in fully differential cross sections for ion impact single ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 085204.	0.6	0
66	Efficiency control of high-order harmonic generation in gases using driving pulse spectral features. Applied Physics Letters, 2018, 113, 191101.	1.5	5
67	Simultaneous control of harmonic yield and energy cutoff of high-order harmonic generation using seeded plasmonically enhanced fields. Physical Review A, 2018, 98, .	1.0	15
68	Determination of the spectral variation origin in high-order harmonic generation in noble gases. Physical Review A, 2018, 98, .	1.0	13
69	Control of molecular dissociation by spatially inhomogeneous near fields. Physical Review A, 2018, 98, .	1.0	4
70	Synthesis of ultrashort laser pulses for high-order harmonic generation. Physical Review A, 2018, 98, .	1.0	5
71	Wannier-Bloch approach to localization in high-order harmonic generation in solids. , 2018, , .		0
72	Attosecond physics at the nanoscale. Reports on Progress in Physics, 2017, 80, 054401.	8.1	274

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73	Optimal control of photoelectron emission by realistic waveforms. Journal of Modern Optics, 2017, 64, 1784-1792.	0.6	1
74	Double-electron ionization driven by inhomogeneous fields. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	4
75	High-order-harmonic generation in atomic and molecular systems. Physical Review A, 2017, 95, .	1.0	28
76	Optical Control of Young's Type Double-slit Interferometer for Laser-induced Electron Emission from a Nano-tip. Scientific Reports, 2017, 7, 12661.	1.6	8
77	Above-threshold ionization processes in diatomic molecules driven by strong laser fields. Journal of Physics: Conference Series, 2017, 875, 032013.	0.3	0
78	Fully Differential Study of Capture with Vibrational Dissociation in $p + \text{H}_2 \rightarrow \text{p} + \text{H} + \text{H}$ Collisions. Physical Review Letters, 2017, 119, 083402.	2.9	11
79	Benchmark calculations of double ionization of Ne in Graphics Processing Units. Journal of Physics: Conference Series, 2017, 875, 052011.	0.3	0
80	Wannier-Bloch Approach to Localization in High-Harmonics Generation in Solids. Physical Review X, 2017, 7, .	2.8	83
81	P3: An installation for high-energy density plasma physics and ultra-high intensity laser-matter interaction at ELI-Beamlines. Matter and Radiation at Extremes, 2017, 2, 149-176.	1.5	112
82	Emergence of a Higher Energy Structure in Strong Field Ionization with Inhomogeneous Electric Fields. Physical Review Letters, 2017, 119, 053204.	2.9	19
83	High-order harmonic generation in polyatomic systems. Journal of Physics: Conference Series, 2017, 875, 032014.	0.3	0
84	All-optical spatio-temporal control of electron emission from isolated dielectric nanospheres with two-color laser pulses. , 2017, , .		0
85	Double-electron recombination in high-order-harmonic generation driven by spatially inhomogeneous fields. Physical Review A, 2016, 94, .	1.0	9
86	Active tailoring of nanoantenna plasmonic fields using few-cycle laser pulses. Physical Review A, 2016, 93, .	1.0	8
87	High-order-harmonic generation from Rydberg atoms driven by plasmon-enhanced laser fields. Physical Review A, 2016, 93, .	1.0	27
88	Controlling electron localization in intense plasmon-enhanced laser fields. Physical Review A, 2016, 93, .	1.0	49
89	Strong-Field Resonant Dynamics in Semiconductors. Physical Review Letters, 2016, 116, 197401.	2.9	58
90	High-order harmonic generation driven by chirped laser pulses induced by linear and non linear phenomena. European Physical Journal D, 2016, 70, 1.	0.6	18

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91	Extending the high-order harmonic generation cutoff by means of self-phase-modulated chirped pulses. <i>Laser Physics Letters</i> , 2016, 13, 115303.	0.6	13
92	Above-threshold ionization and laser-induced electron diffraction in diatomic molecules. <i>Physical Review A</i> , 2016, 94, .	1.0	26
93	Fully differential study of ionization in $p + H_2$ collisions near electron projectile velocity matching. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 04LT01.	0.6	16
94	Time-Dependent Close-Coupling Calculations for Ion-Impact Ionization of Atoms and Molecules. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2016, 65, 291-319.	2.3	7
95	Strong-Field Resonant Dynamics in Semiconductors: Interplay of Rabi Flopping and Intraband Motion. , 2016, , .		0
96	Above-threshold ionization and photoelectron spectra in atomic systems driven by strong laser fields. <i>Physical Review A</i> , 2015, 92, .	1.0	28
97	Numerical studies of light-matter interaction driven by plasmonic fields: The velocity gauge. <i>Physical Review A</i> , 2015, 92, .	1.0	10
98	Strong-field plasmonic photoemission in the mid-IR at $\sim 1 \text{ GW/cm}^2$ intensity. <i>Scientific Reports</i> , 2015, 5, 7584.	1.6	34
99	Fully differential cross sections for ionization of H_2 molecules by proton impact: single- and two-centre effects. <i>Journal of Physics: Conference Series</i> , 2015, 635, 032059.	0.3	0
100	High-order harmonic generation driven by plasmonic fields: the velocity gauge. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092106.	0.3	0
101	Carrier-wave Rabi flopping signatures in high-order harmonic generation. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092032.	0.3	0
102	High-order harmonic generation enhanced by coherent population return. <i>European Physical Journal D</i> , 2015, 69, 1.	0.6	6
103	Carrier-Wave Rabi-Flopping Signatures in High-Order Harmonic Generation for Alkali Atoms. <i>Physical Review Letters</i> , 2015, 114, 143902.	2.9	20
104	Strong field nanoplasmonic photoemission in the mid-IR at $\sim 1 \text{ GW/cm}^2$ intensity. , 2015, , .		0
105	High-order harmonic generation driven by plasmonic fields: a new route towards the generation of UV and XUV photons?. <i>Journal of Physics: Conference Series</i> , 2015, 601, 012001.	0.3	9
106	Single- and two-centre effects in fully differential cross sections for single ionization of H_2 molecules by 75 keV protons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 115204.	0.6	9
107	High-order-harmonic generation driven by metal nanotip photoemission: Theory and simulations. <i>Physical Review A</i> , 2014, 89, .	1.0	17
108	Neutron-impact ionization of He. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 195202.	0.6	6

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109	Coherent electron emission from simple molecules by impact of energetic charged particles. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 042001.	0.6	38
110	ClassSTRONG: Classical simulations of strong field processes. Computer Physics Communications, 2014, 185, 398-406.	3.0	21
111	Third-generation femtosecond technology. Optica, 2014, 1, 45.	4.8	302
112	High-order harmonic generation at high laser intensities beyond the tunnel regime. European Physical Journal D, 2014, 68, 1.	0.6	2
113	Coherent XUV generation driven by sharp metal tips photoemission. European Physical Journal D, 2014, 68, 1.	0.6	10
114	Non-perturbative calculations of single and double ionization of He by swift U92+projectiles. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 215206.	0.6	5
115	High-order-harmonic generation by enhanced plasmonic near-fields in metal nanoparticles. Physical Review A, 2013, 87, .	1.0	74
116	Fully differential cross section for O8+impact ionization of Li. Physical Review A, 2013, 87, .	1.0	12
117	Electron-momentum distributions and photoelectron spectra of atoms driven by an intense spatially inhomogeneous field. Physical Review A, 2013, 87, .	1.0	38
118	Nuclear-recoil differential cross sections for the two-photon double ionization of helium. Physical Review A, 2013, 87, .	1.0	9
119	High energy photoelectron emission from gases using plasmonic enhanced near-fields. Laser Physics Letters, 2013, 10, 105302.	0.6	22
120	Beyond carbon K-edge harmonic emission using spatially and temporally synthesized laser field. , 2013, , .		0
121	Nucleus-nucleus effects in differential cross sections for antiproton-impact ionization of H atoms. Physical Review A, 2013, 88, .	1.0	10
122	Quantum-orbit analysis of above-threshold ionization driven by an intense spatially inhomogeneous field. Physical Review A, 2013, 87, .	1.0	35
123	Beyond Carbon K -Edge Harmonic Emission Using a Spatial and Temporal Synthesized Laser Field. Physical Review Letters, 2013, 110, 053001.	2.9	108
124	High order harmonic generation in noble gases using plasmonic field enhancement. Annalen Der Physik, 2013, 525, 97-106.	0.9	55
125	Estimating the plasmonic field enhancement using high-order harmonic generation: the role of the field inhomogeneity. Journal of Modern Optics, 2012, 59, 1634-1639.	0.6	20
126	Reaction Dynamics in Double Ionization of Helium by Electron Impact. Journal of Physics: Conference Series, 2012, 388, 042039.	0.3	0

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127	Monte Carlo event generators in atomic physics: A new tool to tackle the few-body dynamics. Journal of Physics: Conference Series, 2012, 388, 082016.	0.3	0
128	Systematic Analysis of Four-Particle Dalitz Plots for Double Ionization. Journal of Physics: Conference Series, 2012, 388, 082018.	0.3	0
129	Quantum-orbit analysis of high-order-harmonic generation by resonant plasmon field enhancement. Physical Review A, 2012, 86, .	1.0	86
130	Above-threshold ionization by few-cycle spatially inhomogeneous fields. Physical Review A, 2012, 86, .	1.0	41
131	Enhancement of high harmonic generation by confining electron motion in plasmonic nanostructures. Optics Express, 2012, 20, 26261.	1.7	126
132	A doubly distorted-wave method for atomic ionization by ultrashort laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 015601.	0.6	9
133	High-order-harmonic generation from inhomogeneous fields. Physical Review A, 2012, 85, .	1.0	143
134	SymbMat: Symbolic computation of quantum transition matrix elements. Computer Physics Communications, 2012, 183, 1832-1840.	3.0	0
135	Fully differential cross sections for the single ionization of He by C^{6+} ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175205.	0.6	38
136	Experimental and theoretical confirmation of the role of higher order mechanisms in the electron impact double ionization of helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 055201.	0.6	19
137	Double ionization of helium by highly-charged-ion impact analyzed within the frozen-correlation approximation. Physical Review A, 2011, 84, .	1.0	3
138	Reaction dynamics in double ionization of helium by electron impact. Physical Review A, 2010, 82, .	1.0	11
139	Monte Carlo event generators in atomic collisions: A new tool to tackle the few-body dynamics. Computer Physics Communications, 2010, 181, 813-820.	3.0	11
140	Distorted Wave Theories Applied to Double Ionization by Ion Impact: Simulation of Higher-Order Processes. Journal of Atomic, Molecular, and Optical Physics, 2010, 2010, 1-7.	0.5	2
141	Doubly differential spectra of scattered protons in ionization of atomic hydrogen. Physical Review A, 2010, 81, .	1.0	30
142	Current status of kinematically complete studies of basic fragmentation processes in atomic systems. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 187-191.	0.6	3
143	Three-Body Dynamics in Single Ionization of Atomic Hydrogen by 75 keV Proton Impact. Physical Review Letters, 2009, 103, 053201.	2.9	39
144	Role of elastic projectile-electron scattering in double ionization of helium by fast proton impact. Physical Review A, 2009, 79, .	1.0	23

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145	Two center and Coulomb effects in near-threshold ionization of H+2by short laser pulses. Journal of Modern Optics, 2009, 56, 11-26.	0.6	8
146	Above-threshold ionization in the x-ray regime. Physical Review A, 2009, 80, .	1.0	24
147	Systematic analysis of double-ionization dynamics based on four-body Dalitz plots. Physical Review A, 2009, 80, .	1.0	14
148	New double ionization channel uncovered in four-particle Dalitz plots. Journal of Physics: Conference Series, 2009, 194, 082042.	0.3	0
149	Fully differential cross sections in single ionization of helium by ion impact: Assessing the role of correlated wave functions. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 555-560.	0.6	5
150	Double ionization of helium by ion impact analyzed using four-body Dalitz plots. Physical Review A, 2008, 77, .	1.0	21
151	Laser-assisted ion-atom collisions: Plateau, cutoff, and multiphoton peaks. Physical Review A, 2008, 77, .	1.0	8
152	Interference pattern signatures in fully differential cross sections for single ionization of H₂ molecules by fast protons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 015203.	0.6	19
153	Suppression of Photoionization by a Static Field. Physical Review Letters, 2008, 101, 163002.	2.9	5
154	Publisher's Note: Laser-assisted ion-atom collisions: Plateau, cutoff, and multiphoton peaks [Phys. Rev. A77, 023412 (2008)]. Physical Review A, 2008, 77, .	1.0	0
155	Interference effects due to projectile target nucleus scattering in single ionization of H_2 by 75 keV impact. Physical Review A, 2008, 78, .	1.0	54
156	High-order harmonic generation in fullerenes with icosahedral symmetry. Physical Review A, 2008, 78, .	1.0	23
157	Fully differential cross sections for ion-atom impact ionization in the presence of a laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4155-4163.	0.6	6
158	Multislit interference patterns in high-order harmonic generation in C_{60} . Physical Review A, 2007, 76, .	1.0	46
159	Post-collisional effects on single ionization in 75 keV p + He collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2577-2586.	0.6	27
160	Influence of Coulomb continuum wave functions in the description of high-order harmonic generation with H2+. Physical Review A, 2007, 75, .	1.0	59
161	Post-prior discrepancies in CDW-EIS calculations for ion impact ionization fully differential cross sections. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1091-1100.	0.6	40
162	CDW and CDW-EIS calculations for FDCSs in highly charged ion impact ionization of helium. Brazilian Journal of Physics, 2006, 36, 524-528.	0.7	4

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163	Electron emission in energetic ion-atom collisions in the presence of coherent electromagnetic radiation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 5037-5050.	0.6	7
164	Fully differential cross sections for C ⁶⁺ single ionization of helium: the role of nucleus-nucleus interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 2183-2194.	0.6	26
165	Theoretical description of two- and three-particle interactions in single ionization of helium by ion impact. Physical Review A, 2006, 74, .	1.0	3
166	Influence of the electron binding energy in the distortion of the initial state in ion-atom collisions. Physical Review A, 2004, 70, .	1.0	3
167	Influence of initial state distortion in ion-atom collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 2057-2066.	0.6	0
168	Schumann's resonances: A particular example of a spherical resonant cavity. American Journal of Physics, 2004, 72, 704-709.	0.3	2
169	Post-prior discrepancies in the continuum distorted wave-eikonal initial state approximation for ion-helium ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 3775-3786.	0.6	30
170	Correlated eikonal initial state in ion-atom collisions. Physical Review A, 2002, 66, .	1.0	7
171	Neutron ionization of helium near the neutron-alpha particle collision resonance. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	0.6	1