

# Luis Plaja

## List of Publications by Year in descending order

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Version: 2024-02-01

155  
papers

4,859  
citations

159585

30  
h-index

95266

68  
g-index

156  
all docs

156  
docs citations

156  
times ranked

2984  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Extreme-ultraviolet vector-vortex beams from high harmonic generation. <i>Optica</i> , 2022, 9, 71.  | 9.3  | 25        |
| 2  | Necklace-structured high-harmonic generation for low-divergence, soft x-ray harmonic combs with tunable line spacing. <i>Science Advances</i> , 2022, 8, eabj7380. | 10.3 | 16        |
| 3  | Characterization of Extreme Ultraviolet Vortex Beams with a Very High Topological Charge. <i>ACS Photonics</i> , 2022, 9, 944-951.                                 | 6.6  | 11        |
| 4  | Non-classical high harmonic generation in graphene driven by linearly-polarized laser pulses. <i>Optics Express</i> , 2022, 30, 15546.                             | 3.4  | 3         |
| 5  | High topological charge extreme-ultraviolet vortex and vector-vortex beams. , 2022, , .  |      | 0         |
| 6  | Transverse phase matching of high-order harmonic generation in single-layer graphene. <i>Optics Express</i> , 2021, 29, 2488.                                      | 3.4  | 5         |
| 7  | Necklace High Harmonic Generation for Low-Divergence, Soft X-Ray Harmonic Combs with Tunable Line Spacing. , 2021, , .   |      | 0         |
| 8  | Attosecond x-ray transient absorption spectroscopy in graphene. <i>Physical Review Research</i> , 2021, 3, .   | 3.6  | 10        |
| 9  | Low-Divergence, Soft X-Ray Harmonic Combs with Tunable Line Spacing from Necklace-Structured Driving Lasers. , 2021, , .   |      | 0         |
| 10 | Extreme-Ultraviolet Vortices of very high Topological Charge. , 2021, , .  |      | 1         |
| 11 | Attosecond Pulse Trains with Time-Dependent Spin Angular Momentum. , 2021, , .   |      | 0         |
| 12 | Macroscopic Signatures of the Non-Perturbative Response of Single Layer Graphene to Intense Laser Fields. , 2021, , .  |      | 0         |
| 13 | Light Spin-Orbit Coupling in High-Order Harmonic Generation via Graphene's Band Anisotropy. , 2021, , .  |      | 0         |
| 14 | Ultrafast sub-nanometer matter-wave temporal Talbot effect. <i>New Journal of Physics</i> , 2021, 23, 093011.  | 2.9  | 6         |
| 15 | Structuring Harmonic Vector-Vortex Beams in the Extreme Ultraviolet. , 2021, , .   |      | 0         |
| 16 | Site-specific tunnel-ionization in high harmonic generation in molecules. <i>New Journal of Physics</i> , 2020, 22, 043012.  | 2.9  | 2         |
| 17 | High harmonic generation in armchair carbon nanotubes. <i>Optics Express</i> , 2020, 28, 19760.  | 3.4  | 7         |
| 18 | Spectral signature of back reaction in correlated electron dynamics in intense electromagnetic fields. <i>Physical Review Research</i> , 2020, 2, .                | 3.6  | 7         |

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|----|--|------|-----------|
| 19 | Multielectron trace of back reaction in high-harmonic generation. , 2020, , .  |      | 0         |
| 20 | High-Harmonic Dipole Response Characterized by Ellipsometry. , 2020, , .   |      | 0         |
| 21 | Trains of attosecond pulses structured with time-ordered polarization states. Optics Letters, 2020, 45, 5636.  | 3.3  | 9         |
| 22 | Generation of extreme-ultraviolet beams with time-varying orbital angular momentum. Science, 2019, 364, .  | 12.6 | 198       |
| 23 | Realization of Polarization Control in High-Order Harmonic Generation. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.                           | 2.9  | 6         |
| 24 | Extreme-Ultraviolet Pulses with Self-Torque. , 2019, , .   |      | 0         |
| 25 | Conservation of Torus-knot Angular Momentum in High-order Harmonic Generation. Physical Review Letters, 2019, 122, 203201.   | 7.8  | 37        |
| 26 | Optical anisotropy of non-perturbative high-order harmonic generation in gapless graphene. Optics Express, 2019, 27, 7776.   | 3.4  | 35        |
| 27 | Controlling the polarization and vortex charge of attosecond high-harmonic beams via simultaneous spin-orbit momentum conservation. Nature Photonics, 2019, 13, 123-130. | 31.4 | 120       |
| 28 | Ultraintense Femtosecond Magnetic Nanoprobes Induced by Azimuthally Polarized Laser Beams. ACS Photonics, 2019, 6, 38-42.  | 6.6  | 16        |
| 29 | Attosecond Extreme Ultraviolet Beams with Time-Varying Orbital Angular Momentum: The Self-Torque of Light. , 2019, , .   |      | 1         |
| 30 | Attosecond, High-Harmonic Optical Vortices with Tailored Spin and Orbital Angular Momentum. , 2019, , .  |      | 0         |
| 31 | Helicity in a Twist: Attosecond, Extreme Ultraviolet Vortex Beams with Designer Spin and Orbital Angular Momenta. , 2019, , .  |      | 0         |
| 32 | Polarization control of isolated high-harmonic pulses. Nature Photonics, 2018, 12, 349-354.  | 31.4 | 136       |
| 33 | Theory of high-order harmonic generation for gapless graphene. New Journal of Physics, 2018, 20, 053033.   | 2.9  | 35        |
| 34 | Auger-induced charge migration. Physical Review A, 2018, 98, .   | 2.5  | 6         |
| 35 | Controlling the polarization and vortex charge of attosecond high-harmonic beams via simultaneous spin-orbit momentum conservation. Nature Photonics, 2018, 13, .        | 31.4 | 6         |
| 36 | High harmonic generation in graphene: temporal and spectral properties. , 2017, , .  |      | 0         |

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|----|--|------|-----------|
| 37 | Attosecond twisted beams from high-order harmonic generation driven by optical vortices. High Power Laser Science and Engineering, 2017, 5, .            | 4.6  | 13        |
| 38 | Non-perturbative twist of attosecond extreme-ultraviolet vortex beams. , 2017, , .   |      | 0         |
| 39 | Tunable orbital angular momentum beams in the extreme ultraviolet/soft x-ray regimes. Proceedings of SPIE, 2017, , .                                     | 0.8  | 0         |
| 40 | High harmonic generation by resonant nano-antennas: Phase matching at the nanometer scale. , 2017, , .   |      | 0         |
| 41 | Tunable high-harmonic generation by chromatic focusing of few-cycle laser pulses. Physical Review A, 2017, 95, .   | 2.5  | 12        |
| 42 | Harnessing the orbital angular momentum of attosecond vortices through the nonperturbative nature of high harmonic generation. , 2017, , .               |      | 0         |
| 43 | High order harmonic generation in graphene. , 2017, , .  |      | 0         |
| 44 | EUV light beams with fractional orbital angular momentum driven by high-order harmonic generation and conical refraction. , 2017, , .                    |      | 0         |
| 45 | Isolated broadband attosecond pulse generation with near- and mid-infrared driver pulses via time-gated phase matching. Optics Express, 2017, 25, 11855. | 3.4  | 24        |
| 46 | Phase matching effects in high harmonic generation at the nanometer scale. Optics Express, 2017, 25, 14974.  | 3.4  | 8         |
| 47 | Generation and Applications of Extreme-Ultraviolet Vortices. Photonics, 2017, 4, 28.   | 2.0  | 41        |
| 48 | Nonperturbative Orbital Angular Momentum Buildup of Extreme-Ultraviolet Vortex Beams. , 2017, , .  |      | 0         |
| 49 | Group velocity matching in high-order harmonic generation driven by mid-infrared lasers. New Journal of Physics, 2016, 18, 073031.                       | 2.9  | 21        |
| 50 | Tomographic reconstruction of circularly polarized high-harmonic fields: 3D attosecond metrology. Science Advances, 2016, 2, e1501333.                   | 10.3 | 103       |
| 51 | Continuous spectra in high-harmonic generation driven by multicycle laser pulses. Physical Review A, 2016, 93, .   | 2.5  | 12        |
| 52 | Resolving multiple rescatterings in high-order-harmonic generation. Physical Review A, 2016, 93, .   | 2.5  | 11        |
| 53 | Nonperturbative Twist in the Generation of Extreme-Ultraviolet Vortex Beams. Physical Review Letters, 2016, 117, 163202.                                 | 7.8  | 112       |
| 54 | Quantum-path signatures in attosecond helical beams driven by optical vortices. New Journal of Physics, 2015, 17, 093029.                                | 2.9  | 55        |

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|----|--|------|-----------|
| 55 | Bright Isolated Attosecond Soft X-Ray Pulses. Springer Proceedings in Physics, 2015, , 95-98.  | 0.2  | 1         |
| 56 | Ultraviolet surprise: Efficient soft x-ray high-harmonic generation in multiply ionized plasmas. Science, 2015, 350, 1225-1231.  | 12.6 | 165       |
| 57 | Bright Circularly Polarized Soft X-Ray High Harmonics for X-Ray Magnetic Circular Dichroism. , 2015, , .   |      | 3         |
| 58 | Circularly Polarized Soft X-Ray High Harmonics and XMCD on a Tabletop. , 2015, , .   |      | 0         |
| 59 | Carrier-envelope-phase insensitivity in high-order harmonic generation driven by few-cycle laser pulses. Optics Express, 2015, 23, 21497.  | 3.4  | 13        |
| 60 | Bright High Order Harmonic Generation in a Multiply Ionized Plasma up to the Water Window. , 2014, , .   |      | 0         |
| 61 | Space-time description of strong-field ionization and high-order-harmonic generation. Physical Review A, 2014, 89, .   | 2.5  | 2         |
| 62 | Generation of bright isolated attosecond soft X-ray pulses driven by multicycle midinfrared lasers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2361-7. | 7.1  | 116       |
| 63 | Coherent Attosecond Beams Carrying Orbital Angular Momentum. , 2014, , .   |      | 0         |
| 64 | Coherent Attosecond Extreme Ultraviolet Vortices from High-Order Harmonic Generation. , 2014, , .  |      | 0         |
| 65 | Zeptosecond High Harmonic keV X-Ray Waveforms Driven by Midinfrared Laser Pulses. Physical Review Letters, 2013, 111, 033002.  | 7.8  | 123       |
| 66 | Spatial contributions of electron trajectories to high-order-harmonic radiation originating from a semi-infinite gas cell. Physical Review A, 2013, 88, .  | 2.5  | 9         |
| 67 | Signature of the transversal coherence length in high-order harmonic generation. Physical Review A, 2013, 88, .  | 2.5  | 30        |
| 68 | Attosecond Extreme Ultraviolet Vortices from High-Order Harmonic Generation. Physical Review Letters, 2013, 111, 083602.   | 7.8  | 174       |
| 69 | Tailoring isolated attosecond pulses using quantum path interferences. Journal of Physics: Conference Series, 2013, 414, 012014.   | 0.4  | 0         |
| 70 | Ultrahigh-Efficiency High Harmonic Generation Driven by UV Lasers. , 2013, , .   |      | 4         |
| 71 | Frontiers in extreme nonlinear optics: Attosecond-to-zeptosecond coherent kiloelectronvolt X-rays on a tabletop. , 2013, , .   |      | 0         |
| 72 | Off-axis compensation of attosecond pulse chirp. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 074021.  | 1.5  | 16        |

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|----|--|------|-----------|
| 73 | Comment on "On the dipole, velocity and acceleration forms in high-order harmonic generation from a single atom or molecule". Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 028001. | 1.5  | 2         |
| 74 | Temporal structure of ultra high-order harmonic generation in the keV regime driven by mid-infrared lasers. , 2012, , .  |      | 0         |
| 75 | Bright Coherent Ultrahigh Harmonics in the keV X-ray Regime from Mid-Infrared Femtosecond Lasers. Science, 2012, 336, 1287-1291.   | 12.6 | 1,537     |
| 76 | Invalidity of the Ehrenfest theorem in the computation of high-order-harmonic generation within the strong-field approximation. Physical Review A, 2012, 85, .   | 2.5  | 7         |
| 77 | Valley in the efficiency of the high-order harmonic yield at ultra-high laser intensities. Optics Express, 2011, 19, 19430.  | 3.4  | 11        |
| 78 | Comment on "Effect of entanglement on the decay dynamics of a pair of H(2p) atoms due to spontaneous emission". Physical Review A, 2011, 83, .   | 2.5  | 6         |
| 79 | Harmonic generation beyond the Strong-Field Approximation: Phase and temporal description. Laser Physics, 2010, 20, 1044-1050.   | 1.2  | 22        |
| 80 | High-order harmonic propagation in gases within the discrete dipole approximation. Physical Review A, 2010, 82, .  | 2.5  | 89        |
| 81 | Dipole spectrum structure of nonresonant nonperturbative driven two-level atoms. Physical Review A, 2010, 81, .  | 2.5  | 11        |
| 82 | Transferring orbital and spin angular momenta of light to atoms. New Journal of Physics, 2010, 12, 083053.   | 2.9  | 140       |
| 83 | Photoionization with orbital angular momentum beams. Optics Express, 2010, 18, 3660.   | 3.4  | 103       |
| 84 | Extension of the cut-off in high-harmonic generation using two delayed pulses of the same colour. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 134004.                             | 1.5  | 21        |
| 85 | Entanglement of unstable atoms: modifications of the emission properties. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 165008.   | 1.5  | 7         |
| 86 | A quantitative-accurate S-matrix model for the description high-order harmonic generation. European Physical Journal: Special Topics, 2009, 175, 21-24.  | 2.6  | 0         |
| 87 | S-Matrix theory for the high-order harmonic generation beyond the Strong-Field Approximation. Laser Physics, 2009, 19, 1581-1585.  | 1.2  | 6         |
| 88 | Harmonic generation beyond the Strong-Field Approximation: the physics behind the short-wave-infrared scaling laws. Optics Express, 2009, 17, 9891.  | 3.4  | 72        |
| 89 | Metastable superpositions of ortho- and para-Helium states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5560-5563.   | 2.1  | 4         |
| 90 | Propagation of terawatt laser pulses in the air. Applied Physics A: Materials Science and Processing, 2008, 92, 865-871.   | 2.3  | 3         |

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|-----|---|-----|-----------|
| 91  | High power vortex generation with volume phase holograms and non-linear experiments in gases. Applied Physics B: Lasers and Optics, 2008, 91, 115-118.                                  | 2.2 | 21        |
| 92  | Nonsequential double ionization of the hydrogen molecule: Dependence on molecular alignment. Physical Review A, 2008, 78, .   | 2.5 | 27        |
| 93  | Time domain effects during spontaneous self-channelling of light in air below the collapse threshold. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4433-4442. | 1.5 | 0         |
| 94  | Quantum description of the high-order harmonic generation in multiphoton and tunneling regimes. Physical Review A, 2007, 76, .  | 2.5 | 15        |
| 95  | Few-body dynamics in ultrashort laser pulses. Journal of Physics: Conference Series, 2007, 88, 012045.  | 0.4 | 0         |
| 96  | Nonlinear effects in the propagation of short laser pulses in air. , 2007, , .  |     | 1         |
| 97  | A quantitative S-Matrix approach to high-order harmonic generation from multiphoton to tunneling regimes.. Optics Express, 2007, 15, 3629.  | 3.4 | 15        |
| 98  | Single and double ionization of the hydrogen molecule in an intense few-cycle laser pulse. Laser Physics, 2007, 17, 358-367.  | 1.2 | 9         |
| 99  | Sub-half-cycle polarization gates in ultra-short laser pulses induced by non-linear propagation effects. Applied Physics B: Lasers and Optics, 2007, 88, 5-11.                          | 2.2 | 2         |
| 100 | Non-linear Young's double-slit experiment. Optics Express, 2006, 14, 2817.  | 3.4 | 9         |
| 101 | <title>Influence of Pauli's exclusion principle in the multiple ionization of atoms by strong laser fields</title>. , 2006, , .   |     | 0         |
| 102 | <title>Mechanisms of formation of gap solitons of Bose-Einstein condensates in optical lattices</title>. , 2006, , .  |     | 0         |
| 103 | <title>Observation of channels of radiation during the propagation in air of short pulses below the collapse threshold</title>. , 2006, 6256, 61.                                       |     | 1         |
| 104 | Generating vector solitary waves of Bose-Einstein Condensates in optical lattices. Laser Physics, 2006, 16, 344-347.  | 1.2 | 0         |
| 105 | Ionization of lithium in a strong laser field. Laser Physics, 2006, 16, 600-606.  | 1.2 | 6         |
| 106 | Ab-initio Calculation of the Double Ionization of Helium in a Few-Cycle Laser Pulse Beyond the One-Dimensional Approximation. Physical Review Letters, 2006, 96, 053001.                | 7.8 | 92        |
| 107 | Nonsequential double ionization of the hydrogen molecule in a few-cycle laser pulse. Physical Review A, 2006, 74, .   | 2.5 | 37        |
| 108 | Quantum and semiclassical simulations in intense laser-H <sub>2</sub> <sup>+</sup> interactions. Physical Review A, 2006, 73, .   | 2.5 | 17        |

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|-----|---|-----|-----------|
| 109 | Influence of the laser pulse phase on the interaction of an ultrashort laser pulse with a dense target. <i>Laser Physics Letters</i> , 2005, 2, 178-183.                                    | 1.4 | 0         |
| 110 | Observation of Spontaneous Self-Channeling of Light in Air below the Collapse Threshold. <i>Physical Review Letters</i> , 2005, 95, 053905.   | 7.8 | 27        |
| 111 | Lithium Ionization by a Strong Laser Field. <i>Physical Review Letters</i> , 2005, 94, 063002.  | 7.8 | 50        |
| 112 | Dynamics of the formation of bright solitary waves of Bose-Einstein condensates in optical lattices. <i>Physical Review A</i> , 2004, 69, .   | 2.5 | 5         |
| 113 | A complete description of the spin force. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 435-444.   | 1.5 | 24        |
| 114 | Influence of Pauli exclusion principle on the strong field ionization of two electron atoms. <i>Applied Physics B: Lasers and Optics</i> , 2004, 78, 829-833.                               | 2.2 | 4         |
| 115 | Strong-field short-pulse ionization of the molecular hydrogen ion. <i>Laser Physics Letters</i> , 2004, 1, 25-31.   | 1.4 | 5         |
| 116 | Photoionization of two-electronortho-atoms. <i>Physical Review A</i> , 2003, 68, .  | 2.5 | 12        |
| 117 | The Zitterbewegung for a Dirac electron driven by an intense laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 2253-2266.                         | 1.5 | 9         |
| 118 | Characterization of the channeling process in the scattering of relativistic electrons with periodic structures. <i>Physical Review A</i> , 2002, 65, .                                     | 2.5 | 1         |
| 119 | Expansion of a Bose-Einstein condensate in an atomic waveguide. <i>Physical Review A</i> , 2002, 65, .  | 2.5 | 11        |
| 120 | Prediction of step-like occupation and inversion of states in thin films exposed to laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, L181-L186. | 1.5 | 8         |
| 121 | Strong-field approximation to the relativistic channeling of electrons in the presence of electromagnetic waves. <i>Physical Review A</i> , 2002, 65, .                                     | 2.5 | 1         |
| 122 | Relativistic quantum dynamics of a localized Dirac electron driven by an intense-laser-field pulse. <i>Physical Review A</i> , 2001, 64, .  | 2.5 | 23        |
| 123 | Total ionization rates and ion yields of atoms at nonperturbative laser intensities. <i>Physical Review A</i> , 2001, 64, .   | 2.5 | 76        |
| 124 | Microwave-induced control of free-electron-laser radiation. <i>Physical Review E</i> , 2001, 64, 026505.  | 2.1 | 0         |
| 125 | Light Scattering by a Relativistic Plasma Driven by an Ultraintense Laser Source. <i>Astrophysical Journal, Supplement Series</i> , 2000, 127, 445-449.                                     | 7.7 | 6         |
| 126 | Beyond the moving mirror model: Attosecond pulses from a relativistically moving plasma. <i>Laser and Particle Beams</i> , 2000, 18, 467-475.   | 1.0 | 11        |



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|-----|---|-----|-----------|
| 127 | Probe-field reflection on a plasma surface driven by a strong electromagnetic field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 2549-2558.                              | 1.5 | 4         |
| 128 | Plasmon-induced photon emission from thin metal films. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 1653-1661.  | 1.5 | 6         |
| 129 | Attosecond pulse trains and relativistically driven plasmas. AIP Conference Proceedings, 2000, , .  | 0.4 | 0         |
| 130 | Generation of trains of attosecond pulses from a photodissociated molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 3547-3553.                                       | 1.5 | 2         |
| 131 | Steady magnetic field generation due to transient field ionization in ultrashort laser-solid interaction. Physical Review E, 1999, 59, R36-R39.   | 2.1 | 6         |
| 132 | Harmonic generation during the ionization of a thin target irradiated by a strong laser field. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 407.                         | 2.1 | 2         |
| 133 | Stopped reflection of an atomic wavepacket by a laser beam with an evanescent profile. Optics Communications, 1998, 148, 376-382.   | 2.1 | 1         |
| 134 | Generation of attosecond pulse trains during the reflection of a very intense laser on a solid surface. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 1904.               | 2.1 | 64        |
| 135 | Harmonic generation with ionizing two-level atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 1687-1694.  | 1.5 | 17        |
| 136 | High-order harmonic generation after photodissociation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 4163-4172.   | 1.5 | 22        |
| 137 | Quantum description of charge fluctuations in electron gas and plasma wave response to intense laser interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 5215-5220. | 1.5 | 4         |
| 138 | Introduction of the LiÅ©nard-Wiechert correction to the particle simulation of relativistic plasmas. Physical Review E, 1998, 58, 3977-3983.  | 2.1 | 3         |
| 139 | Harmonic filtering in an optically thin laser-generated plasma. Physical Review E, 1998, 58, 7864-7867.   | 2.1 | 6         |
| 140 | Generation of a train of attosecond pulses in the reflected field from a laser-plasma interaction. , 1998, , .  |     | 0         |
| 141 | Study of a plasma diffraction grating induced by super strong crossed laser beams. , 1998, , .  |     | 0         |
| 142 | Analytical description of a plasma diffraction grating induced by two crossed laser beams. Physical Review E, 1997, 56, 7142-7146.  | 2.1 | 19        |
| 143 | Ultrahigh harmonic generation from diatomic molecular ions in highly excited vibrational states. Physical Review A, 1997, 55, R1593-R1596.  | 2.5 | 85        |
| 144 | High-order harmonic generation in a partially ionized medium. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 430.  | 2.1 | 25        |

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|-----|---|-----|-----------|
| 145 | Effect of time-dependent ionization on the harmonics generated by bound-bound transitions. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 2724.                  | 2.1 | 14        |
| 146 | Coupling effects in the propagation of harmonics. Journal of Modern Optics, 1996, 43, 1939-1950.  | 1.3 | 0         |
| 147 | Multiple reflection of an extended atomic wave packet through a square-profile laser beam. Physical Review A, 1996, 53, 4260-4267.  | 2.5 | 0         |
| 148 | Stopped atomic wavepackets generated by interaction with a square-profile laser beam. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1996, 8, 673-686. | 0.9 | 6         |
| 149 | Influence of barrier suppression in high-order harmonic generation. Physical Review A, 1995, 51, 4746-4753.   | 2.5 | 33        |
| 150 | High-Order Harmonic Generation by Electron-Proton Recombination. Europhysics Letters, 1994, 28, 629-633.  | 2.0 | 35        |
| 151 | High-order Harmonic Generation in a Two-level Atom. Journal of Modern Optics, 1993, 40, 793-807.  | 1.3 | 48        |
| 152 | High-order harmonic generation in a crystalline solid. Physical Review B, 1992, 45, 8334-8341.  | 3.2 | 48        |
| 153 | Adiabatic theory for high-order harmonic generation in a two-level atom. Journal of the Optical Society of America B: Optical Physics, 1992, 9, 2210.                                     | 2.1 | 51        |
| 154 | Photoionization of the hydrogen atom: Three-dimensional results and pseudo-one-dimensional model. Physical Review A, 1991, 44, 4652-4659.   | 2.5 | 20        |
| 155 | Ultrashort Extreme Ultraviolet Vortices. , 0, , .   |     | 2         |