# Andrea Marini

List of Publications by Year
in descending order

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| 144 | 8,304 | 46918 | 46693 |
|---|---|---|---|
| papers | citations | 47 h-index | 89 g-index |

| 148 | 148 | 148 | 8192 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | yambo: An ab initio tool for excited state calculations. Computer Physics Communications, 2009, 180, 1392-1403. | 3.0 | 927 |
| 2 | Effect of spin-orbit interaction on the optical spectra of single-layer, double-layer, and bulk MoS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, . | 1.1 | 382 |
| 3 | Exact Coulomb cutoff technique for supercell calculations. Physical Review B, 2006, 73, . | 1.1 | 369 |
| 4 | Excitons in Boron Nitride Nanotubes: Dimensionality Effects. Physical Review Letters, 2006, 96, 126104. | 2.9 | 343 |
| 5 | Photo-Induced Bandgap Renormalization Governs the Ultrafast Response of Single-Layer MoS<sub>2</sub>. ACS Nano, 2016, 10, 1182-1188. | 7.3 | 272 |
| 6 | Many-body perturbation theory calculations using the yambo code. Journal of Physics Condensed Matter, 2019, 31, 325902. | 0.7 | 269 |
| 7 | Optical properties of graphene nanoribbons: The role of many-body effects. Physical Review B, 2008, 77, . | 1.1 | 235 |
| 8 | First-Principles Description of Correlation Effects in Layered Materials. Physical Review Letters, 2006, 96, 136404. | 2.9 | 183 |
| 9 | Coupling of excitons and defect states in boron-nitride nanostructures. Physical Review B, 2011, 83, . | 1.1 | 177 |
| 10 | Density functionals from many-body perturbation theory: The band gap for semiconductors and insulators. Journal of Chemical Physics, 2006, 124, 154108. | 1.2 | 166 |
| 11 | Ab InitioFinite-Temperature Excitons. Physical Review Letters, 2008, 101, 106405. | 2.9 | 164 |
| 12 | Bound Excitons in Time-Dependent Density-Functional Theory: Optical and Energy-Loss Spectra. Physical Review Letters, 2003, 91, 256402. | 2.9 | 151 |
| 13 | From Si Nanowires to Porous Silicon: The Role of Excitonic Effects. Physical Review Letters, 2007, 98, 036807. | 2.9 | 151 |
| 14 | Quasiparticle Electronic Structure of Copper in theGWApproximation. Physical Review Letters, 2001, 88, 016403. | 2.9 | 149 |
| 15 | The Mechanism of Slow Hot-Hole Cooling in Lead-Iodide Perovskite: First-Principles Calculation on Carrier Lifetime from Electronâ€“Phonon Interaction. Nano Letters, 2015, 15, 3103-3108. | 4.5 | 140 |
| 16 | Temperature dependence of the electronic structure of semiconductors and insulators. Journal of Chemical Physics, 2015, 143, 102813. | 1.2 | 139 |
| 17 | Exciton-Plasmon States in Nanoscale Materials: Breakdown of the Tammâ€“Dancoff Approximation. Nano Letters, 2009, 9, 2820-2824. | 4.5 | 128 |
| 18 | Plasmon-assisted high-harmonic generation in graphene. Nature Communications, 2017, 8, 14380. | 5.8 | 128 |

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|---|---|---|---|
| 19 | Ultrafast nonlinear optical response of Dirac fermions in graphene. Nature Communications, 2018, 9, 1018. | 5.8 | 110 |
| 20 | Effect of the Quantum Zero-Point Atomic Motion on the Optical and Electronic Properties of Diamond and Trans-Polyacetylene. Physical Review Letters, 2011, 107, 255501. | 2.9 | 109 |
| 21 | Optical absorption and electron energy loss spectra of carbon and boron nitride nanotubes: a first-principles approach. Applied Physics A: Materials Science and Processing, 2004, 78, 1157-1167. | 1.1 | 105 |
| 22 | Real-time approach to the optical properties of solids and nanostructures: Time-dependent Bethe-Salpeter equation. Physical Review B, 2011, 84, . | 1.1 | 103 |
| 23 | Anisotropic gap of superconductingCaC6: A first-principles density functional calculation. Physical Review B, 2007, 75, . | 1.1 | 101 |
| 24 | Dynamical Excitonic Effects in Metals and Semiconductors. Physical Review Letters, 2003, 91, 176402. | 2.9 | 99 |
| 25 | Molecular Sensing with Tunable Graphene Plasmons. ACS Photonics, 2015, 2, 876-882. | 3.2 | 96 |
| 26 | Excitons in germanium nanowires: Quantum confinement, orientation, and anisotropy effects within a first-principles approach. Physical Review B, 2005, 72, . | 1.1 | 93 |
| 27 | Optical harmonic generation in monolayer group-VI transition metal dichalcogenides. Physical Review B, 2018, 98, . | 1.1 | 92 |
| 28 | Temperature dependence of electronic eigenenergies in the adiabatic harmonic approximation. Physical Review B, 2014, 90, . | 1.1 | 91 |
| 29 | Temperature-dependent excitonic effects in the optical properties of single-layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2016, 93, . | 1.1 | 91 |
| 30 | Verification of first-principles codes: Comparison of total energies, phonon frequencies, electronâ€“phonon coupling and zero-point motion correction to the gap between ABINIT and QE/Yambo. Computational Materials Science, 2014, 83, 341-348. | 1.4 | 88 |
| 31 | Anomalous Temperature Dependence of the Band Gap in Black Phosphorus. Nano Letters, 2016, 16, 5095-5101. | 4.5 | 87 |
| 32 | Ab Initio Calculations of Ultrashort Carrier Dynamics in Two-Dimensional Materials: Valley Depolarization in Single-Layer WSe<sub>2</sub>. Nano Letters, 2017, 17, 4549-4555. | 4.5 | 83 |
| 33 | Intravalley Spinâ€“Flip Relaxation Dynamics in Single-Layer WS<sub>2</sub>. Nano Letters, 2018, 18, 6882-6891. | 4.5 | 82 |
| 34 | Ab initiocalculation of the exchange-correlation kernel in extended systems. Physical Review B, 2003, 68, . | 1.1 | 80 |
| 35 | First-principles calculation of the plasmon resonance and of the reflectance spectrum of silver in theGWapproximation. Physical Review B, 2002, 66, . | 1.1 | 76 |
| 36 | Optical parametric amplification by monolayer transition metal dichalcogenides. Nature Photonics, 2021, 15, 6-10. | 15.6 | 74 |

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| 37 | Effect of spatial nonlocality on the density functional band gap. Physical Review B, 2006, 74, . | 1.1 | 68 |
| 38 | Many-Body Effects in the Excitation Spectrum of a Defect in SiC. Physical Review Letters, 2010, 105, 026401. | 2.9 | 66 |
| 39 | Comment on â€œHuge Excitonic Effects in Layered Hexagonal Boron Nitrideâ€• Physical Review Letters, 2008, 100, 189701; discussion 189702. | 2.9 | 64 |
| 40 | Stable spatial plasmon solitons in a dielectric-metal-dielectric geometry with gain and loss. Optics Express, 2011, 19, 6616. | 1.7 | 62 |
| 41 | Double excitations in correlated systems: A manyâ€“body approach. Journal of Chemical Physics, 2011, 134, 034115. | 1.2 | 59 |
| 42 | Plane-wave DFT-LDA calculation of the electronic structure and absorption spectrum of copper. Physical Review B, 2001, 64, . | 1.1 | 57 |
| 43 | First-principles approach to excitons in time-resolved and angle-resolved photoemission spectra. Physical Review B, 2016, 94, . | 1.1 | 56 |
| 44 | Enhanced nonlinear effects in pulse propagation through epsilonâ€•nearâ€•zero media. Laser and Photonics Reviews, 2016, 10, 517-525. | 4.4 | 53 |
| 45 | Zero point motion effect on the electronic properties of diamond, trans-polyacetylene and polyethylene. European Physical Journal B, 2012, 85, 1. | 0.6 | 49 |
| 46 | Electron-electron and electron-phonon correlation effects on the finite-temperature electronic and optical properties of zinc-blende GaN. Physical Review B, 2014, 89, . | 1.1 | 49 |
| 47 | Phononic Crystal Waveguide Transducers for Nonlinear Elastic Wave Sensing. Scientific Reports, 2017, 7, 14712. | 1.6 | 49 |
| 48 | Optical Saturation Driven by Exciton Confinement in Molecular Chains: A Time-Dependent Density-Functional Theory Approach. Physical Review Letters, 2008, 101, 133002. | 2.9 | 47 |
| 49 | Ultra-fast carriers relaxation in bulk silicon following photo-excitation with a short and polarized laser pulse. Europhysics Letters, 2015, 110, 47004. | 0.7 | 47 |
| 50 | Many-body perturbation theory approach to the electron-phonon interaction with density-functional theory as a starting point. Physical Review B, 2015, 91, . | 1.1 | 46 |
| 51 | Electronâ€“vibration coupling induced renormalization in the photoemission spectrum of diamondoids. Nature Communications, 2016, 7, 11327. | 5.8 | 45 |
| 52 | Interaction between optical fields and their conjugates in nonlinear media. Optics Express, 2013, 21, 31239. | 1.7 | 44 |
| 53 | Strongly Coupled Coherent Phonons in Single-Layer MoS<sub>2</sub>. ACS Nano, 2020, 14, 5700-5710. | 7.3 | 44 |
| 54 | Competition between the electronic and phononâ€“mediated scattering channels in the outâ€“ofâ€“equilibrium carrier dynamics of semiconductors: an ab-initio approach. Journal of Physics: Conference Series, 2013, 427, 012003. | 0.3 | 43 |

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| 55 | Speeding up the solution of the Bethe-Salpeter equation by a double-grid method and Wannier interpolation. Physical Review B, 2012, 86, . | 1.1 | 42 |
| 56 | Unified theory of quantized electrons, phonons, and photons out of equilibrium: A simplifiedab initioapproach based on the generalized Baym-Kadanoff ansatz. Physical Review B, 2016, 93, . | 1.1 | 39 |
| 57 | Efficient Vortex Generation in Subwavelength Epsilon-Near-Zero Slabs. Physical Review Letters, 2017, 118, 104301. | 2.9 | 39 |
| 58 | Polariton excitation in epsilon-near-zero slabs: Transient trapping of slow light. Physical Review A, 2013, 87, . | 1.0 | 38 |
| 59 | Implementation and testing of Lanczos-based algorithms for Random-Phase Approximation eigenproblems. Computational Materials Science, 2011, 50, 2148-2156. | 1.4 | 37 |
| 60 | Nonequilibrium Bethe-Salpeter equation for transient photoabsorption spectroscopy. Physical Review B, 2015, 92, . | 1.1 | 37 |
| 61 | Ultrafast Charge Migration in XUV Photoexcited Phenylalanine: A First-Principles Study Based on Real-Time Nonequilibrium Greenâ€™s Functions. Journal of Physical Chemistry Letters, 2018, 9, 1353-1358. | 2.1 | 36 |
| 62 | Reproducibility in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1825" altimg="si271.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi>G</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></ calculations for solids. Computer Physics Communications, 2020, 255, 107242. | 3.0 | 36 |
| 63 | Advanced Correlation Functionals:â€‰Application to Bulk Materials and Localized Systems. Journal of Physical Chemistry A, 2007, 111, 12458-12465. | 1.1 | 35 |
| 64 | Observation of an Excitonic Mott Transition Through Ultrafast Core- cum -Conduction Photoemission Spectroscopy. Physical Review Letters, 2020, 125, 096401. | 2.9 | 35 |
| 65 | Reflectance Anisotropy Spectra of the Diamond(100)â˜(2Ã—1)Surface: Evidence of Strongly Bound Surface State Excitons. Physical Review Letters, 2005, 94, 087404. | 2.9 | 34 |
| 66 | Anisotropic excitonic effects in the energy loss function of hexagonal boron nitride. Physical Review B, 2011, 83, . | 1.1 | 34 |
| 67 | Nonequilibrium optical properties in semiconductors from first principles: A combined theoretical and experimental study of bulk silicon. Physical Review B, 2016, 93, . | 1.1 | 34 |
| 68 | Quasiparticle band-structure effects on thedhole lifetimes of copper within theGWapproximation. Physical Review B, 2002, 66, . | 1.1 | 32 |
| 69 | Pseudopotential-based first-principles approach to the magneto-optical Kerr effect: From metals to the inclusion of local fields and excitonic effects. Physical Review B, 2012, 86, . | 1.1 | 31 |
| 70 | The Betheâ€“Salpeter equation: a first-principles approach for calculating surface optical spectra. Journal of Physics Condensed Matter, 2004, 16, S4313-S4322. | 0.7 | 28 |
| 71 | Photocarrier-induced band-gap renormalization and ultrafast charge dynamics in black phosphorus. 2D Materials, 2019, 6, 031001. | 2.0 | 28 |
| 72 | Phase-matching-free parametric oscillators based on two-dimensional semiconductors. Light: Science and Applications, 2018, 7, 5. | 7.7 | 26 |

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| 73 | Auger spectroscopy of strongly correlated systems: present status and future trends. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 41-55. | 0.8 | 25 |
| 74 | Subpicosecond metamagnetic phase transition in FeRh driven by non-equilibrium electron dynamics. Nature Communications, 2021, 12, 5088. | 5.8 | 25 |
| 75 | Absorption of BN nanotubes under the influence of a perpendicular electric field. Physica Status Solidi (B): Basic Research, 2007, 244, 4288-4292. | 0.7 | 22 |
| 76 | Ultrashort Self-Induced Transparency Plasmon Solitons. Physical Review Letters, 2013, 110, 243901. | 2.9 | 22 |
| 77 | Efficient Gate-tunable light-emitting device made of defective boron nitride nanotubes: from ultraviolet to the visible. Scientific Reports, 2013, 3, 2698. | 1.6 | 22 |
| 78 | An ab-initio approach to describe coherent and non-coherent exciton dynamics. European Physical Journal B, 2018, 91, 1. | 0.6 | 21 |
| 79 | Self-Assembled InAs Nanowires as Optical Reflectors. Nanomaterials, 2017, 7, 400. | 1.9 | 20 |
| 80 | Lasing and Amplification from Two-Dimensional Atom Arrays. Physical Review Letters, 2018, 121, 163602. | 2.9 | 20 |
| 81 | Electron-phonon scattering effects on electronic and optical properties of orthorhombic GeS. Physical Review B, 2016, 94, . | 1.1 | 18 |
| 82 | Optical Simulation of Neutrino Oscillations in Binary Waveguide Arrays. Physical Review Letters, 2014, 113, 150401. | 2.9 | 17 |
| 83 | First-Principles Nonequilibrium Greenâ€™s Function Approach to Ultrafast Charge Migration in Glycine. Journal of Chemical Theory and Computation, 2019, 15, 4526-4534. | 2.3 | 17 |
| 84 | Electron linewidths of wide-gap insulators: Excitonic effects inLiF. Physical Review B, 2004, 70, . | 1.1 | 16 |
| 85 | Test of long-range exchange-correlation kernels of time-dependent density functional theory at surfaces: Application toSi(111)2Ã—1. Physical Review B, 2010, 82, . | 1.1 | 16 |
| 86 | Complete collisions approximation to the Kadanoff-Baym equation: a first-principles implementation. Journal of Physics: Conference Series, 2015, 609, 012006. | 0.3 | 16 |
| 87 | Spinorial formulation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>G</mml:mi><mml:mi>W</mml:mi></mml:mrow></mml:m -BSE equations and spin properties of excitons in two-dimensional transition metal dichalcogenides. Physical Review B, 2021, 103, . | 1.1 | 16 |
| 88 | Self-frequency blueshift of dissipative solitons in silicon-based waveguides. Physical Review A, 2013, 87, . | 1.0 | 15 |
| 89 | Time-Dependent Screening Explains the Ultrafast Excitonic Signal Rise in 2D Semiconductors. ACS Nano, 2021, 15, 1179-1185. | 7.3 | 15 |
| 90 | Ab initiocalculation of many-body effects on the EEL spectrum of the C(100) surface. Physical Review B, 2006, 74, . | 1.1 | 13 |

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|---|---|---|---|
| 91 | Atomistic Quantum Plasmonics of Gold Nanowire Arrays. ACS Photonics, 2014, 1, 315-322. | 3.2 | 13 |
| 92 | Raman-induced temporal condensed matter physics in gas-filled photonic crystal fibers. Optics Express, 2015, 23, 11879. | 1.7 | 13 |
| 93 | Shock-inducedPT-symmetric potentials in gas-filled photonic-crystal fibers. Physical Review A, 2014, 89, . | 1.0 | 12 |
| 94 | Strong Raman-induced noninstantaneous soliton interactions in gas-filled photonic crystal fibers. Optics Letters, 2015, 40, 4058. | 1.7 | 12 |
| 95 | Strong Modulations of Optical Reflectance in Tapered Coreâ€“Shell Nanowires. Materials, 2019, 12, 3572. | 1.3 | 11 |
| 96 | Theory for Modeling the Optical Properties of Surfaces. Physica Status Solidi A, 2001, 188, 1233-1242. | 1.7 | 10 |
| 97 | Plasmonâ€Enhanced Spinâ€“Orbit Interaction of Light in Graphene. Laser and Photonics Reviews, 2018, 12, 1800140. | 4.4 | 10 |
| 98 | Anomalous Aharonovâ€“Bohm Gap Oscillations in Carbon Nanotubes. Nano Letters, 2011, 11, 4052-4057. | 4.5 | 9 |
| 99 | Dynamical correlation effects in a weakly correlated material: Inelastic x-ray scattering and photoemission spectra of beryllium. Physical Review B, 2018, 97, . | 1.1 | 9 |
| 100 | Functional approach to the electronic and bosonic dynamics of many-body systems perturbed with an arbitrary strong electron-boson interaction. Physical Review B, 2018, 98, . | 1.1 | 9 |
| 101 | Goosâ€“HÃnchen and Imbertâ€“Fedorov shifts for epsilon-near-zero materials. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Ov | 1.0 | 9 |
| 102 | Three-body and one-body channels of the Auger core-valence-valence decay: A simplified approach. Physical Review B, 1999, 60, 11391-11403. | 1.1 | 8 |
| 103 | Loss-compensated nonlinear modes and symmetry breaking in amplifying metal-dielectric-metal plasmonic couplers. Physical Review A, 2015, 91, . | 1.0 | 8 |
| 104 | All-optical modulation in wavelength-sized epsilon-near-zero media. Optics Letters, 2016, 41, 3102. | 1.7 | 8 |
| 105 | Enhanced asymmetric transmission in hyperbolic epsilon-near-zero slabs. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.0 | 8 |
| 106 | Miniaturized bending-free solitons by restoring symmetry in periodically biased photorefractives. Optics Letters, 2008, 33, 2110. | 1.7 | 7 |
| 107 | Nonlinear optical effects of opening a gap in graphene. Physical Review B, 2018, 97, . | 1.1 | 7 |
| 108 | Electric Control of Spinâ€Orbit Coupling in Grapheneâ€Based Nanostructures with Broken Rotational Symmetry. Laser and Photonics Reviews, 2020, 14, 2000214. | 4.4 | 7 |

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| 109 | One, two and three-body channels of the coreâ€“valenceâ€“valence Auger photoelectron coincidence spectra of early transition metals. Journal of Electron Spectroscopy and Related Phenomena, 2002, 127, 17-28. | 0.8 | 6 |
| 110 | Accurate band mapping via photoemission from thin films. Physical Review B, 2004, 69, . | 1.1 | 6 |
| 111 | Many-body perturbation theory combined with time dependent DFT: A new method for the calculation of the dielectric function of solids. Physica Status Solidi (B): Basic Research, 2005, 242, 2729-2736. | 0.7 | 6 |
| 112 | Optical properties of oneâ€dimensional graphene polymers: the case of polyphenanthrene. Physica Status Solidi (B): Basic Research, 2007, 244, 4124-4128. | 0.7 | 6 |
| 113 | Dynamical centrosymmetry breaking â€” A novel mechanism for second harmonic generation in graphene. Annals of Physics, 2017, 378, 24-32. | 1.0 | 6 |
| 114 | Multipolar terahertz absorption spectroscopy ignited by graphene plasmons. Communications Physics, 2019, 2, . | 2.0 | 6 |
| 115 | Engineering the optical reflectance of randomly arranged self-assembled semiconductor nanowires. AIP Conference Proceedings, 2020, , . | 0.3 | 6 |
| 116 | Non-linear self-driven spectral tuning of Extreme Ultraviolet Femtosecond Pulses in monoatomic materials. Light: Science and Applications, 2021, 10, 92. | 7.7 | 6 |
| 117 | All-Electron versus Pseudopotential Calculation of Optical Properties: The Case of GaAs. Physica Status Solidi A, 2001, 184, 101-104. | 1.7 | 5 |
| 118 | Electronic excited states at ultrathin dielectric-metal interfaces. Physical Review B, 2013, 88, . | 1.1 | 5 |
| 119 | Efficient hot-carrier dynamics in near-infrared photocatalytic metals. Physical Review B, 2022, 105, . | 1.1 | 5 |
| 120 | Out-of-equilibrium electron dynamics of silver driven by ultrafast electromagnetic fields â€“ a novel hydrodynamical approach. Faraday Discussions, 2019, 214, 235-243. | 1.6 | 4 |
| 121 | Free-carrier-induced nonlinear dynamics in hybrid graphene-based photonic waveguides. Physical Review A, 2021, 104, . | 1.0 | 4 |
| 122 | Coherence and de-coherence in the Time-Resolved ARPES of realistic materials: An ab-initio perspective. Journal of Electron Spectroscopy and Related Phenomena, 2022, 257, 147189. | 0.8 | 4 |
| 123 | Approximate Functionals from Many-Body Perturbation Theory. Lecture Notes in Physics, 2006, , 161-180. | 0.3 | 3 |
| 124 | Heat-induced soliton self-frequency redshift in the ultrafast nonlinear dynamics of active plasmonic waveguides. Physical Review A, 2019, 100, . | 1.0 | 3 |
| 125 | Temporal dynamics of strongly coupled epsilon near-zero plasmonic systems. Applied Physics Letters, 2021, 119, . | 1.5 | 3 |
| 126 | Nonâ€Equilibrium Green's Functions. Physica Status Solidi (B): Basic Research, 2019, 256, 1900335. | 0.7 | 2 |

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| 127 | Free-carrier-driven spatiotemporal dynamics in amplifying silicon waveguides. Physical Review A, 2014, 89, . | 1.0 | 1 |
| 128 | Infrared spectroscopy with tunable graphene plasmons (Presentation Recording). , 2015, , . | | 1 |
| 129 | Strong Exciton-Coherent Phonon Coupling In Single-Layer MoS2. , 2019, , . | | 1 |
| 130 | Spatial Dissipative Solitons in Graphene-Based Active Random Metamaterials. Physical Review Applied, 2022, 17, . | 1.5 | 1 |
| 131 | Towards a microscopic description of the optical nonlinearities of gold-based plasmonic devices. , 2013, , . | | 0 |
| 132 | Raman-induced soliton oscillations and tunneling in gas-filled photonic crystal fibers. , 2014, , . | | 0 |
| 133 | Interaction between positive and negative frequencies in nonlinear optics. , 2014, , . | | 0 |
| 134 | Non-local soliton interactions in Raman-gas photonic crystal fibers. , 2015, , . | | 0 |
| 135 | Lamb shift of the Dirac cone of graphene. Europhysics Letters, 2016, 116, 43001. | 0.7 | 0 |
| 136 | Real-time observation of the intravalley spin-flip process in single-layer WS2. EPJ Web of Conferences, 2019, 205, 05012. | 0.1 | 0 |
| 137 | Broadband Optical Parametric Amplification by 2D Semiconductors. , 2021, , . | | 0 |
| 138 | Temporal Dynamics of Strongly Coupled Epsilon Near-Zero Plasmonic Systems. , 2021, , . | | 0 |
| 139 | Ultrafast interband nonlinear dynamics of surface plasmon polaritons in gold nanowires. , 2013, , . | | 0 |
| 140 | Ultrafast interband nonlinear dynamics of surface plasmon polaritons in gold nanowires. , 2013, , . | | 0 |
| 141 | Nonlinear Optical Dynamics in Near-zero Index Media and in Graphene-based Random Meta-lasers. , 2016, , . | | 0 |
| 142 | Two-dimensional semiconductors: a novel platform for micron-sized phase-matching-free parametric oscillators. , 2018, , . | | 0 |
| 143 | Efficient vortex generation in sub-wavelength near-zero index slabs. , 2018, , . | | 0 |
| 144 | Optical Parametric Amplification in 2D Semiconductors. , 2020, , . | | 0 |