

Oren Cohen

List of Publications by Year in descending order

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166
papers

8,256
citations

61984

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45317

90
g-index

168
all docs

168
docs citations

168
times ranked

4493
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Phase Retrieval with Application to Optical Imaging: A contemporary overview. IEEE Signal Processing Magazine, 2015, 32, 87-109. | 5.6 | 735 |
| 2 | Solitons in Nonlinear Media with an Infinite Range of Nonlocality: First Observation of Coherent Elliptic Solitons and of Vortex-Ring Solitons. Physical Review Letters, 2005, 95, 213904. | 7.8 | 562 |
| 3 | Spin angular momentum and tunable polarization in high-harmonic generation. Nature Photonics, 2014, 8, 543-549. | 31.4 | 477 |
| 4 | Generation of bright phase-matched circularly-polarized extreme ultraviolet high harmonics. Nature Photonics, 2015, 9, 99-105. | 31.4 | 403 |
| 5 | Observation of Vortex-Ring “Discrete” Solitons in 2D Photonic Lattices. Physical Review Letters, 2004, 92, 123904. | 7.8 | 347 |
| 6 | Long-range interactions between optical solitons. Nature Physics, 2006, 2, 769-774. | 16.7 | 340 |
| 7 | Phase matching of high harmonic generation in the soft and hard X-ray regions of the spectrum. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10516-10521. | 7.1 | 334 |
| 8 | Lensless Diffractive Imaging Using Tabletop Coherent High-Harmonic Soft-X-Ray Beams. Physical Review Letters, 2007, 99, 098103. | 7.8 | 267 |
| 9 | Two-dimensional multipole solitons in nonlocal nonlinear media. Optics Letters, 2006, 31, 3312. | 3.3 | 235 |
| 10 | Bright circularly polarized soft X-ray high harmonics for X-ray magnetic circular dichroism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14206-14211. | 7.1 | 235 |
| 11 | Two-Dimensional Optical Lattice Solitons. Physical Review Letters, 2003, 91, 213906. | 7.8 | 222 |
| 12 | Quasi-phase-matching and quantum-path control of high-harmonic generation using counterpropagating light. Nature Physics, 2007, 3, 270-275. | 16.7 | 211 |
| 13 | Spatial photonics in nonlinear waveguide arrays. Optics Express, 2005, 13, 1780. | 3.4 | 193 |
| 14 | Sparsity-based single-shot subwavelength coherent diffractive imaging. Nature Materials, 2012, 11, 455-459. | 27.5 | 175 |
| 15 | Extended phase matching of high harmonics driven by mid-infrared light. Optics Letters, 2008, 33, 2128. | 3.3 | 156 |
| 16 | Harnessing Attosecond Science in the Quest for Coherent X-rays. Science, 2007, 317, 775-778. | 12.6 | 141 |
| 17 | Floquet group theory and its application to selection rules in harmonic generation. Nature Communications, 2019, 10, 405. | 12.8 | 135 |
| 18 | Synthetic chiral light for efficient control of chiral light-matter interaction. Nature Photonics, 2019, 13, 866-871. | 31.4 | 132 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Strong-field ionization with two-color circularly polarized laser fields. <i>Physical Review A</i> , 2015, 91, . | 2.5 | 124 |
| 20 | Deep learning reconstruction of ultrashort pulses. <i>Optica</i> , 2018, 5, 666. | 9.3 | 124 |
| 21 | Single-shot ptychography. <i>Optica</i> , 2016, 3, 9. | 9.3 | 115 |
| 22 | Tomographic reconstruction of circularly polarized high-harmonic fields: 3D attosecond metrology. <i>Science Advances</i> , 2016, 2, e1501333. | 10.3 | 103 |
| 23 | Brillouin Zone Spectroscopy of Nonlinear Photonic Lattices. <i>Physical Review Letters</i> , 2005, 94, 163902. | 7.8 | 102 |
| 24 | Observation of random-phase lattice solitons. <i>Nature</i> , 2005, 433, 500-503. | 27.8 | 96 |
| 25 | Observation of Second-Band Vortex Solitons in 2D Photonic Lattices. <i>Physical Review Letters</i> , 2005, 95, 053904. | 7.8 | 91 |
| 26 | Multiband Vector Lattice Solitons. <i>Physical Review Letters</i> , 2003, 91, 113901. | 7.8 | 87 |
| 27 | Ptychographic reconstruction algorithm for frequency-resolved optical gating: super-resolution and supreme robustness. <i>Optica</i> , 2016, 3, 1320. | 9.3 | 86 |
| 28 | Nanoscale magnetic imaging using circularly polarized high-harmonic radiation. <i>Science Advances</i> , 2017, 3, eaao4641. | 10.3 | 85 |
| 29 | Holographic solitons. <i>Optics Letters</i> , 2002, 27, 2031. | 3.3 | 81 |
| 30 | Ultrafast extreme ultraviolet holography: dynamic monitoring of surface deformation. <i>Optics Letters</i> , 2007, 32, 286. | 3.3 | 80 |
| 31 | Sparse Phase Retrieval from Short-Time Fourier Measurements. <i>IEEE Signal Processing Letters</i> , 2015, 22, 638-642. | 3.6 | 79 |
| 32 | Incoherent spatial solitons in effectively instantaneous nonlinear media. <i>Nature Photonics</i> , 2008, 2, 371-376. | 31.4 | 73 |
| 33 | Collisions between Optical Spatial Solitons Propagating in Opposite Directions. <i>Physical Review Letters</i> , 2002, 89, 133901. | 7.8 | 71 |
| 34 | High-Order Harmonic Generation from Ions in a Capillary Discharge. <i>Physical Review Letters</i> , 2006, 96, 203001. | 7.8 | 65 |
| 35 | Incoherent solitons in instantaneous nonlocal nonlinear media. <i>Physical Review E</i> , 2006, 73, 015601. | 2.1 | 64 |
| 36 | Optical Chirality in Nonlinear Optics: Application to High Harmonic Generation. <i>Physical Review Letters</i> , 2018, 120, 133206. | 7.8 | 57 |

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|----|---|------|-----------|
| 37 | Two-dimensional higher-band vortex lattice solitons. Optics Letters, 2004, 29, 2049. | 3.3 | 55 |
| 38 | In-line production of a bi-circular field for generation of helically polarized high-order harmonics. Applied Physics Letters, 2016, 108, . | 3.3 | 55 |
| 39 | Ultrasensitive Chiral Spectroscopy by Dynamical Symmetry Breaking in High Harmonic Generation. Physical Review X, 2019, 9, . | 8.9 | 55 |
| 40 | Grating-Assisted Phase Matching in Extreme Nonlinear Optics. Physical Review Letters, 2007, 99, 053902. | 7.8 | 51 |
| 41 | Spatial Thirring-type solitons via electromagnetically induced transparency. Optics Letters, 2005, 30, 3374. | 3.3 | 49 |
| 42 | The quantum-optical nature of high harmonic generation. Nature Communications, 2020, 11, 4598. | 12.8 | 49 |
| 43 | Random-Phase Solitons in Nonlinear Periodic Lattices. Physical Review Letters, 2004, 92, 223901. | 7.8 | 45 |
| 44 | Finite element simulation of a perturbed axial-symmetric whispering-gallery mode and its use for intensity enhancement with a nanoparticle coupled to a microtoroid. Optics Express, 2013, 21, 14169. | 3.4 | 43 |
| 45 | Long-lived waveguides and sound-wave generation by laser filamentation. Physical Review A, 2014, 90, . | 2.5 | 42 |
| 46 | Enhanced High Harmonic Generation from Multiply Ionized Argon above 500ÅeV through Laser Pulse Self-Compression. Physical Review Letters, 2009, 103, 143901. | 7.8 | 41 |
| 47 | Helicity-selective phase-matching and quasi-phase matching of circularly polarized high-order harmonics: towards chiral attosecond pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 123501. | 1.5 | 41 |
| 48 | Spatial vector solitons consisting of counterpropagating fields. Optics Letters, 2002, 27, 2013. | 3.3 | 38 |
| 49 | Probe of High-Order Harmonic Generation in a Hollow Waveguide Geometry using Counterpropagating Light. Physical Review Letters, 2007, 98, 123904. | 7.8 | 37 |
| 50 | Interferometric attosecond lock-in measurement of extreme-ultraviolet circular dichroism. Nature Photonics, 2019, 13, 198-204. | 31.4 | 37 |
| 51 | Interactions between spatial screening solitons propagating in opposite directions. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 1354. | 2.1 | 36 |
| 52 | Background-Free Measurement of Ring Currents by Symmetry-Breaking High-Harmonic Spectroscopy. Physical Review Letters, 2019, 123, 103202. | 7.8 | 36 |
| 53 | Quasi-phase matching and characterization of high-order harmonic generation in hollow waveguides using counterpropagating light. Optics Express, 2008, 16, 6544. | 3.4 | 35 |
| 54 | Ptychographic ultrahigh-speed imaging. Optics Express, 2017, 25, 10997. | 3.4 | 33 |

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|----|--|------|-----------|
| 55 | Sparsity-based super-resolved coherent diffraction imaging of one-dimensional objects. Nature Communications, 2015, 6, 8209. | 12.8 | 32 |
| 56 | Spatiotemporal pulse-train solitons. Optics Express, 2009, 17, 7052. | 3.4 | 24 |
| 57 | Optimizing quasi-phase matching of high harmonic generation using counterpropagating pulse trains. Optics Letters, 2007, 32, 2975. | 3.3 | 23 |
| 58 | Multiplexed single-shot ptychography. Optics Letters, 2018, 43, 5379. | 3.3 | 22 |
| 59 | Experimental time-resolved imaging by multiplexed ptychography. Optics Express, 2019, 27, 24568. | 3.4 | 21 |
| 60 | Deep learning reconstruction of ultrashort pulses from 2D spatial intensity patterns recorded by an all-in-line system in a single-shot. Optics Express, 2020, 28, 7528. | 3.4 | 21 |
| 61 | Quasi-phase-matching and dispersion characterization of harmonic generation in the perturbative regime using counterpropagating beams. Optics Express, 2008, 16, 15923. | 3.4 | 20 |
| 62 | Cross-phase-modulation nonlinearities and holographic solitons in periodically poled photovoltaic photorefractives. Optics Letters, 2006, 31, 954. | 3.3 | 19 |
| 63 | Quasi-phase matching of high-order harmonic generation at high photon energies using counterpropagating pulses. Optics Letters, 2008, 33, 174. | 3.3 | 19 |
| 64 | Generation of high-order harmonics with controllable elliptical polarization. Optics Letters, 2013, 38, 223. | 3.3 | 18 |
| 65 | Grating-Mediated Waveguiding. Physical Review Letters, 2004, 93, 103902. | 7.8 | 17 |
| 66 | Unified Microscopic-Macroscopic Formulation of High-Order Difference-Frequency Mixing in Plasmas. Physical Review Letters, 2007, 98, 043903. | 7.8 | 16 |
| 67 | Detecting multiple chiral centers in chiral molecules with high harmonic generation. Optics Express, 2022, 30, 3729. | 3.4 | 16 |
| 68 | Quasi-periodic and random quasi-phase matching of high harmonic generation. Optics Letters, 2008, 33, 1936. | 3.3 | 15 |
| 69 | Deep neural networks in single-shot ptychography. Optics Express, 2020, 28, 17511. | 3.4 | 15 |
| 70 | Observation of vortex-ring "discrete" solitons in 2D photonic lattices. , 2004, , . | | 15 |
| 71 | Selective suppression of high-order harmonics within phase-matched spectral regions. Optics Letters, 2017, 42, 1349. | 3.3 | 14 |
| 72 | Gap random-phase lattice solitons. Optics Express, 2005, 13, 5013. | 3.4 | 12 |

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| 73 | Self-trapped leaky waves and their interactions. Physical Review A, 2009, 80, . | 2.5 | 12 |
| 74 | Sawtooth grating-assisted phase-matching. Optics Express, 2010, 18, 22686. | 3.4 | 12 |
| 75 | Efficient coherent diffractive imaging for sparsely varying objects. Optics Express, 2013, 21, 6327. | 3.4 | 12 |
| 76 | Sparsity-based Ankylography for Recovering 3D molecular structures from single-shot 2D scattered light intensity. Nature Communications, 2015, 6, 7950. | 12.8 | 12 |
| 77 | Degree of chirality of electromagnetic fields and maximally chiral light. Physical Review A, 2020, 101, . | 2.5 | 12 |
| 78 | Probing ultrafast electron correlations in high harmonic generation. Physical Review Research, 2020, 2, . | 3.6 | 12 |
| 79 | Observation of random-phase gap solitons in photonic lattices. Optics Letters, 2006, 31, 483. | 3.3 | 11 |
| 80 | Quantum-path control in high-order harmonic generation at high photon energies. New Journal of Physics, 2008, 10, 025021. | 2.9 | 11 |
| 81 | Spectroscopy of atomic orbital sizes using bi-elliptical high-order harmonic generation. Physical Review A, 2019, 100, . | 2.5 | 11 |
| 82 | Grating-mediated wave guiding and holographic solitons. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 1349. | 2.1 | 10 |
| 83 | Quasi-phase-matching of only even-order high harmonics. Optics Express, 2014, 22, 7145. | 3.4 | 10 |
| 84 | Multiplexed FROG. Optics Express, 2017, 25, 33007. | 3.4 | 9 |
| 85 | Interlocked attosecond pulse trains in slightly bi-elliptical high harmonic generation. JPhys Photonics, 2020, 2, 034005. | 4.6 | 9 |
| 86 | Self-phase modulation spectral broadening in two-dimensional spatial solitons: toward three-dimensional spatiotemporal pulse-train solitons. Optics Letters, 2012, 37, 5196. | 3.3 | 8 |
| 87 | Selection rules in symmetry-broken systems by symmetries in synthetic dimensions. Nature Communications, 2022, 13, 1312. | 12.8 | 8 |
| 88 | Pattern formation in a ring cavity with temporally incoherent feedback. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 2197. | 2.1 | 7 |
| 89 | High harmonic generation with fully tunable polarization by train of linearly polarized pulses. New Journal of Physics, 2017, 19, 023051. | 2.9 | 7 |
| 90 | Polarization-fan high-order harmonics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 034001. | 1.5 | 6 |

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| 91 | Three-Dimensional Spatiotemporal Pulse-Train Solitons. Physical Review X, 2017, 7, . | 8.9 | 6 |
| 92 | High-order harmonic generation of pulses with multiple timescales: selection rules, carrier envelope phase and cutoff energy. Molecular Physics, 2019, 117, 1956-1963. | 1.7 | 6 |
| 93 | A dynamical symmetry triad in high-harmonic generation revealed by attosecond recollision control. New Journal of Physics, 2020, 22, 053017. | 2.9 | 6 |
| 94 | Narrow-bandwidth high-order harmonics driven by long-duration hot spots. New Journal of Physics, 2012, 14, 063036. | 2.9 | 5 |
| 95 | Phase modulation in polarization beating quasi-phase-matching of high-order-harmonic generation. Physical Review A, 2015, 92, . | 2.5 | 5 |
| 96 | Unambiguous definition of handedness for locally chiral light. Physical Review A, 2022, 105, . | 2.5 | 5 |
| 97 | High-resolution (diffraction limited) single-shot multiplexed coded-aperture ptychography. Journal of Optics (United Kingdom), 2020, 22, 075608. | 2.2 | 4 |
| 98 | Selection rules for breaking selection rules. New Journal of Physics, 2021, 23, 103039. | 2.9 | 4 |
| 99 | Bright Circularly Polarized Soft X-Ray High Harmonics for X-Ray Magnetic Circular Dichroism. , 2015, , . | | 3 |
| 100 | High Harmonics with Controllable Polarization by a Burst of Linearly-Polarized Driver Pulses. Photonics, 2017, 4, 31. | 2.0 | 3 |
| 101 | Self-trapped leaky waves in lattices: discrete and Bragg soleakons. Optics Express, 2013, 21, 19690. | 3.4 | 2 |
| 102 | Circularly polarized high harmonic generation through virtual circular birefringence. Applied Physics Letters, 2021, 118, 221106. | 3.3 | 2 |
| 103 | V-FROG"single-scan vectorial FROG. JPhys Photonics, 2021, 3, 034017. | 4.6 | 2 |
| 104 | Introduction to Solitons in Photonic Lattices. Springer Series in Optical Sciences, 2010, , 73-99. | 0.7 | 2 |
| 105 | Attosecond-precision Coherent Control of Electron Recombination in the Polarization Plane. , 2017, , . | | 2 |
| 106 | Sparsity-based super-resolution coherent diffractive imaging of (practically) 1D images using extreme UV radiation.. , 2013, , . | | 2 |
| 107 | Talbot solitons. Optics Letters, 2008, 33, 830. | 3.3 | 1 |
| 108 | Attosecond pulses with sophisticated spatio-spectral waveforms: spatio-spectral Airy and auto-focusing beams. Optics Express, 2011, 19, 21730. | 3.4 | 1 |

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| 109 | Sparsity-based single-shot sub-wavelength coherent diffractive imaging. , 2012, , . | | 1 |
| 110 | X-Ray Magnetic Circular Dichroism Probed Using High Harmonics. Springer Proceedings in Physics, 2015, , 60-63. | 0.2 | 1 |
| 111 | Three-Dimensional Spatiotemporal Pulse-Train Solitons. , 0, . | | 1 |
| 112 | High-Order Harmonics of Bichromatic Counter-Rotating Elliptically-Polarized Drivers: Fully Controlled Polarization State and Novel Selection Rules. , 2013, , . | | 1 |
| 113 | Reconstruction of an isolated burst of (non-repetitive) pulses from a single FROG trace. , 2017, , . | | 1 |
| 114 | Brillouin-zone spectroscopy of nonlinear photonic lattices. , 2005, , . | | 1 |
| 115 | Observation of Random phase Gap Solitons in 2D photonic lattices. , 2005, , . | | 1 |
| 116 | Nanoscale Imaging of Magnetic Domains using a High-Harmonic Source. , 2017, , . | | 1 |
| 117 | Three-Dimensional Spatiotemporal Pulse-Train Solitons. , 2017, , . | | 1 |
| 118 | Spatial Thirring-type solitons via electromagnetically induced transparency. , 2006, , . | | 0 |
| 119 | High harmonic generation from ions in a capillary discharge. , 2006, , . | | 0 |
| 120 | Phase-matching in isotropic and homogeneous materials via Talbot effect. , 2006, , . | | 0 |
| 121 | Observation of random phase gap solitons in 2D photonic lattices. , 2006, , . | | 0 |
| 122 | Infinite-range interactions between solitons in highly-nonlocal nonlinear media. , 2006, , . | | 0 |
| 123 | Transient 1D holographic detection of surface corrugation with extreme ultraviolet radiation. , 2006, , . | | 0 |
| 124 | Incoherent solitons in effectively-instantaneous nonlocal nonlinear media. , 2007, , . | | 0 |
| 125 | Attosecond Nonlinear Optics in Plasmas for Coherent X-ray Generation. AIP Conference Proceedings, 2007, , . | 0.4 | 0 |
| 126 | Scalar and vector localized leaky waves through self-defocusing nonlinearity. Physical Review A, 2013, 88, . | 2.5 | 0 |

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| 127 | Bright High Harmonics with Tunable Polarization. , 2015, , . | | 0 |
| 128 | Circularly Polarized Soft X-Ray High Harmonics and XMCD on a Tabletop. , 2015, , . | | 0 |
| 129 | Spatiotemporal Self-Localization of Pulse-Train Beams: Toward 3D Solitons in Homogeneous Media. , 2016, , . | | 0 |
| 130 | Nanoscale magnetic imaging using a compact high-harmonic source. , 2017, , . | | 0 |
| 131 | Attosecond-precision coherent control of electron recombination in the polarization plane. , 2017, , . | | 0 |
| 132 | Ultra-High Speed Microscopy of Complex (Amplitude and Phase) Samples Using a Single Camera Snapshot. , 2017, , . | | 0 |
| 133 | Multi-Scale Symmetries and Selection Rules in High Harmonic Generation. , 2019, , . | | 0 |
| 134 | Polarization-Resolved High Harmonic Spectroscopy of Interlocked Attosecond Bursts. , 2019, , . | | 0 |
| 135 | Interferometric Attosecond Lock-in Measurement of Extreme Ultraviolet Circular Dichroism. , 2019, , . | | 0 |
| 136 | Bi-Elliptical High Harmonic Spectroscopy of Atomic Potentials. , 2019, , . | | 0 |
| 137 | All-Optical Background-Free Detection of Ring Currents by Dynamical Symmetry Breaking High Harmonic Spectroscopy. , 2019, , . | | 0 |
| 138 | Carrier Envelope Phase Dependence of High Harmonic Generation from Long Duration Multi-Cycle Multi-Timescale Pump Pulses. , 2019, , . | | 0 |
| 139 | Electric-Dipole Based Chiral Sensitivity in High Harmonic Generation by Dynamical Symmetry Breaking Spectroscopy. , 2019, , . | | 0 |
| 140 | Nonlinear Optics Selection Rules by Dynamical Symmetries in Synthetic Dimensions. , 2021, , . | | 0 |
| 141 | Interactions between spatial screening solitons propagating in opposite directions. , 2004, , . | | 0 |
| 142 | Grating Mediated Waveguiding and Holographic Solitons. , 2004, , . | | 0 |
| 143 | Gap random-phase lattice solitons. , 2005, , . | | 0 |
| 144 | Spatial gap solitons in 2D photonic lattices. , 2005, , . | | 0 |

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|-----|--|-----|-----------|
| 145 | Observation of 2nd band vortex-ring soliton in 2D photonic lattices. , 2005, , . | | 0 |
| 146 | Random-phase spatial solitons in effectively-instantaneous nonlocal nonlinear media. , 2007, , . | | 0 |
| 147 | Optically-induced Quasi-Phase-Matching in high-harmonic generation. , 2008, , . | | 0 |
| 148 | Sawtooth grating-assisted-phase-matching. , 2009, , . | | 0 |
| 149 | Spatiotemporal Pulse-Train Solitons. , 2009, , . | | 0 |
| 150 | Application of Quasiperiodic and Random Quasi-Phase-Matching to High-Harmonic-Generation. , 2009, , . | | 0 |
| 151 | Sawtooth grating-assisted phase-matching. Optics Express, 2010, 18, 21583. | 3.4 | 0 |
| 152 | Direct Observation of Rescattering from Strong Field Ionization by Two-Color Circularly Polarized Laser Fields. , 2015, , . | | 0 |
| 153 | Probing Ultrafast Magnetization Dynamics using Bright Circularly Polarized High Harmonics. , 2015, , . | | 0 |
| 154 | Single-shot ptychography & sparsity-based subwavelength ptychography. , 2015, , . | | 0 |
| 155 | Towards ultrafast subwavelength microscopy. , 2016, , . | | 0 |
| 156 | Simple Apparatus for Converting Standard Sources of Linearly-Polarized High Harmonics into Sources of Circularly-Polarized High Harmonics. , 2016, , . | | 0 |
| 157 | General Formalism for Dynamical Symmetries and Selection Rules in High Harmonic Generation. , 2017, , . | | 0 |
| 158 | General Group Theory Derivation for Selection Rules in Nonlinear Light-Matter Interactions. , 2019, , . | | 0 |
| 159 | Universal scaling laws of symmetry breaking in Floquet systems: application to harmonic generation. , 2019, , . | | 0 |
| 160 | Experimental Demonstration of Time-Resolved Imaging by Multiplexed Ptychography (TIMP). , 2019, , . | | 0 |
| 161 | Ultrafast All-Optical Detection of Chiral Degrees of Freedom by Symmetry Breaking High Harmonic Spectroscopy. , 2019, , . | | 0 |
| 162 | Deep Learning Single-Shot Ptychography: Algorithm and Experiment. , 2020, , . | | 0 |

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|-----|---|----|-----------|
| 163 | Diffraction-limited Quantitative Phase Microscopy at peta-Hertz Rates. , 2021, , . | | 0 |
| 164 | Maximizing and Controlling the Degree of Local Chirality of Electromagnetic Fields. , 2020, , . | | 0 |
| 165 | Single-Shot Ultrafast Pulse Reconstruction with Deep Learning. , 2020, , . | | 0 |
| 166 | Selection rules by multi-scale dynamical symmetries & symmetries in synthetic dimensions. , 2021, , . | | 0 |