

Tian Jiang

List of Publications by Year in descending order

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127
papers

3,764
citations

117453

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128
all docs

128
docs citations

128
times ranked

4600
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nonreciprocal Transport in a Bilayer of MnBiTe_4 and Pt. Nano Letters, 2022, 22, 1366-1373. | 4.5 | 7 |
| 2 | Visualizing Hot-Carrier Expansion and Cascaded Transport in WS_2 by Ultrafast Transient Absorption Microscopy. Advanced Science, 2022, 9, e2105746. | 5.6 | 9 |
| 3 | Multidimensional engineered metasurface for ultrafast terahertz switching at frequency-agile channels. Nanophotonics, 2022, 11, 1367-1378. | 2.9 | 13 |
| 4 | Interacting plexcitons for designed ultrafast optical nonlinearity in a monolayer semiconductor. Light: Science and Applications, 2022, 11, 94. | 7.7 | 24 |
| 5 | Light-Driven Spintronic Heterostructures for Coded Terahertz Emission. ACS Nano, 2022, 16, 8294-8300. | 7.3 | 13 |
| 6 | Spatiotemporal Lineshape Tailoring in BIC-Mediated Reconfigurable Metamaterials. Advanced Functional Materials, 2022, 32, . | 7.8 | 20 |
| 7 | Structural Evolution of Atomically Thin $1\text{T}'\text{MoTe}_2$ Alloyed in Chalcogen Atmosphere. Small Structures, 2022, 3, . | 6.9 | 6 |
| 8 | Polarization-Dependent and Wavelength-Tunable Optical Limiting and Transparency of Multilayer Selenium-Doped Black Phosphorus. Advanced Optical Materials, 2021, 9, . | 3.6 | 12 |
| 9 | FPGA Implementation of an Improved OMP for Compressive Sensing Reconstruction. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2021, 29, 259-272. | 2.1 | 14 |
| 10 | Enhanced Terahertz Radiation by Efficient Spin-to-Charge Conversion in Rashba-Mediated Dirac Surface States. Nano Letters, 2021, 21, 60-67. | 4.5 | 31 |
| 11 | Spatiotemporal Terahertz Metasurfaces for Ultrafast All-Optical Switching with Electric-Triggered Bistability. Laser and Photonics Reviews, 2021, 15, 2000456. | 4.4 | 24 |
| 12 | All-Inorganic Quantum Dot Light-Emitting Diodes with Suppressed Luminance Quenching Enabled by Chloride Passivated Tungsten Phosphate Hole Transport Layers. Small, 2021, 17, e2100030. | 5.2 | 33 |
| 13 | Topological phase transition in Sb-doped $\text{Mg}_{1-x}\text{Mn}_x\text{Te}$ monocrystalline thin films. Physical Review B, 2021, 103, . | | |
| 14 | Joint spectral-spatial hyperspectral classification based on transfer learning (SSTL) from red-green-blue (RGB) images. International Journal of Remote Sensing, 2021, 42, 4023-4041. | 1.3 | 2 |
| 15 | Distance-based hyperspectral open-set classification of deep neural networks. Remote Sensing Letters, 2021, 12, 636-644. | 0.6 | 1 |
| 16 | Bifunctional Spatiotemporal Metasurfaces for Incident Angle-Tunable and Ultrafast Optically Switchable Electromagnetically Induced Transparency. Small, 2021, 17, 2006489. | 5.2 | 18 |
| 17 | Embedded real-time infrared and visible image fusion for UAV surveillance. Journal of Real-Time Image Processing, 2021, 18, 2331-2345. | 2.2 | 9 |
| 18 | Ultrafast all-optical terahertz modulation based on an inverse-designed metasurface. Photonics Research, 2021, 9, 1099. | 3.4 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Achieving efficient inverse design of low-dimensional heterostructures based on a vigorous scalable multi-task learning network. <i>Optics Express</i> , 2021, 29, 19727. | 1.7 | 7 |
| 20 | Tunable nonlinear optical responses of few-layer graphene through lithium intercalation. <i>Nanophotonics</i> , 2021, 10, 2661-2669. | 2.9 | 6 |
| 21 | Conformal Self-Assembly of Nanospheres for Light-Enhanced Airtightness Monitoring and Room-Temperature Gas Sensing. <i>Nanomaterials</i> , 2021, 11, 1829. | 1.9 | 0 |
| 22 | Low-latency deep-reinforcement learning algorithm for ultrafast fiber lasers. <i>Photonics Research</i> , 2021, 9, 1493. | 3.4 | 35 |
| 23 | Terahertz Generation via Picosecond Spin-to-Charge Conversion in MnMn_3S_7 Heterojunction. <i>Physical Review Applied</i> , 2021, 16, . | 1.5 | 12 |
| 24 | Giant Photoluminescence Enhancement and Carrier Dynamics in MoS ₂ Bilayers with Anomalous Interlayer Coupling. <i>Nanomaterials</i> , 2021, 11, 1994. | 1.9 | 3 |
| 25 | A 200 MHz Compact Environmentally-Stable Mode-Locked Figure-9 Fiber Laser. <i>IEEE Photonics Journal</i> , 2021, 13, 1-5. | 1.0 | 12 |
| 26 | Anisotropic Temporal Metasurfaces for Tunable Ultrafast Photoactive Switching Dynamics. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100244. | 4.4 | 11 |
| 27 | A free-running dual-comb spectrometer with intelligent temporal alignment algorithm. <i>Optics and Laser Technology</i> , 2021, 141, 107175. | 2.2 | 6 |
| 28 | Growth mechanism and atomic structure of group-IIA compound-promoted CVD-synthesized monolayer transition metal dichalcogenides. <i>Nanoscale</i> , 2021, 13, 13030-13041. | 2.8 | 7 |
| 29 | Bi ₂ Se ₃ -Functionalized Metasurfaces for Ultrafast All-Optical Switching and Efficient Modulation of Terahertz Waves. <i>ACS Photonics</i> , 2021, 8, 771-780. | 3.2 | 38 |
| 30 | Expedited circular dichroism prediction and engineering in two-dimensional diffractive chiral metamaterials leveraging a powerful model-agnostic data enhancement algorithm. <i>Nanophotonics</i> , 2021, 10, 1155-1168. | 2.9 | 12 |
| 31 | Neuromorphology in-sensor computing architecture based on an optical Fourier transform. <i>Optics Letters</i> , 2021, 46, 5501. | 1.7 | 3 |
| 32 | Ultraefficient Terahertz Emission Mediated by Shift-Current Photovoltaic Effect in Layered Gallium Telluride. <i>ACS Nano</i> , 2021, 15, 17565-17572. | 7.3 | 12 |
| 33 | Reconfigurable high-order radio frequency filters based on a wide-bandwidth optical frequency comb. , 2021, , . | | 0 |
| 34 | Graphene-Based Tunable Coloration Film through Intercalation. <i>ACS Photonics</i> , 2021, 8, 3599-3606. | 3.2 | 3 |
| 35 | Controlling Photoluminescence Enhancement and Energy Transfer in WS ₂ :hBN/WS ₂ Vertical Stacks by Precise Interlayer Distances. <i>Small</i> , 2020, 16, e1905985. | 5.2 | 26 |
| 36 | Layer-dependent dielectric permittivity of topological insulator Bi ₂ Se ₃ thin films. <i>Applied Surface Science</i> , 2020, 509, 144822. | 3.1 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Ultrafast terahertz transmission/group delay switching in photoactive WSe ₂ -functionalized metaphotonic devices. Nano Energy, 2020, 68, 104280. | 8.2 | 61 |
| 38 | GPU Parallel Implementation for Real-Time Feature Extraction of Hyperspectral Images. Applied Sciences (Switzerland), 2020, 10, 6680. | 1.3 | 1 |
| 39 | Hybrid/Integrated Silicon Photonics Based on 2D Materials in Optical Communication Nanosystems. Laser and Photonics Reviews, 2020, 14, 2000239. | 4.4 | 63 |
| 40 | Distinctive Interfacial Charge Behavior and Versatile Photoresponse Performance in Isotropic/Anisotropic WS ₂ /ReS ₂ Heterojunctions. ACS Applied Materials & Interfaces, 2020, 12, 53475-53483. | 4.0 | 42 |
| 41 | Quantum Transport Signatures of a Close Candidate for a Type II Nodal-Line Semimetal. Journal of Physical Chemistry Letters, 2020, 11, 6475-6481. | 2.1 | 13 |
| 42 | Acoustic phonon recycling for photocarrier generation in graphene-WS ₂ heterostructures. Nature Communications, 2020, 11, 3876. | 5.8 | 36 |
| 43 | Hyperspectral Image Super-Resolution Based on Spatial Group Sparsity Regularization Unmixing. Applied Sciences (Switzerland), 2020, 10, 5583. | 1.3 | 3 |
| 44 | Routing valley exciton emission of a WS ₂ monolayer via delocalized Bloch modes of in-plane inversion-symmetry-broken photonic crystal slabs. Light: Science and Applications, 2020, 9, 148. | 7.7 | 54 |
| 45 | Inversion Symmetry Breaking in Lithium Intercalated Graphitic Materials. ACS Applied Materials & Interfaces, 2020, 12, 28561-28567. | 4.0 | 9 |
| 46 | Hyperspectral open set classification with unknown classes rejection towards deep networks. International Journal of Remote Sensing, 2020, 41, 6355-6383. | 1.3 | 11 |
| 47 | Pump-Color Selective Control of Ultrafast All-Optical Switching Dynamics in Metaphotonic Devices. Advanced Science, 2020, 7, 2000799. | 5.6 | 34 |
| 48 | All-optical modulation with 2D layered materials: status and prospects. Nanophotonics, 2020, 9, 2107-2124. | 2.9 | 51 |
| 49 | Controllable all-optical modulation speed in hybrid silicon-germanium devices utilizing the electromagnetically induced transparency effect. Nanophotonics, 2020, 9, 2797-2807. | 2.9 | 23 |
| 50 | Thickness-Independent Energy Dissipation in Graphene Electronics. ACS Applied Materials & Interfaces, 2020, 12, 17706-17712. | 4.0 | 13 |
| 51 | Ultrafast Response of a Hybrid Device Based on Strongly Coupled Monolayer WS ₂ and Photonic Crystals: The Effect of Photoinduced Coulombic Screening. Laser and Photonics Reviews, 2020, 14, 1900419. | 4.4 | 18 |
| 52 | Ultrafast Frequency Shift of Electromagnetically Induced Transparency in Terahertz Metaphotonic Devices. Laser and Photonics Reviews, 2020, 14, 1900338. | 4.4 | 31 |
| 53 | Deep-Learning-Based Active Hyperspectral Imaging Classification Method Illuminated by the Supercontinuum Laser. Applied Sciences (Switzerland), 2020, 10, 3088. | 1.3 | 7 |
| 54 | Polarization-tunable nonlinear absorption patterns from saturated absorption to reverse saturated absorption in anisotropic GeS flake and an application of all-optical switching. Science China Materials, 2020, 63, 1489-1502. | 3.5 | 15 |

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| 55 | BER evaluation in a multi-channel graphene-silicon photonic crystal hybrid interconnect: a study of fast- and slow-light effects. <i>Optics Express</i> , 2020, 28, 17286. | 1.7 | 2 |
| 56 | Sub-100 fs all-fiber broadband electro-optic optical frequency comb at 1.5 μm . <i>Optics Express</i> , 2020, 28, 34761. | 1.7 | 27 |
| 57 | Optical circular dichroism engineering in chiral metamaterials utilizing a deep learning network. <i>Optics Letters</i> , 2020, 45, 1403. | 1.7 | 28 |
| 58 | Ultrafast fiber lasers mode-locked by two-dimensional materials: review and prospect. <i>Photonics Research</i> , 2020, 8, 78. | 3.4 | 242 |
| 59 | All-optical dynamic tuning of local excitonic emission of monolayer MoS ₂ by integration with Ge ₂ Sb ₂ Te ₅ . <i>Nanophotonics</i> , 2020, 9, 2351-2359. | 2.9 | 4 |
| 60 | Exploiting deep learning network in optical chirality tuning and manipulation of diffractive chiral metamaterials. <i>Nanophotonics</i> , 2020, 9, 2945-2956. | 2.9 | 36 |
| 61 | Enhanced directional emission of monolayer tungsten disulfide (WS ₂) with robust linear polarization via one-dimensional photonic crystal (PhC) slab. <i>Nanophotonics</i> , 2020, 9, 4337-4345. | 2.9 | 10 |
| 62 | Valley depolarization in downconversion and upconversion emission of monolayer WS ₂ at room temperature. <i>Nanophotonics</i> , 2020, 9, 4809-4818. | 2.9 | 5 |
| 63 | Polarization-dependent nonlinear optical response in GeSe ₂ . <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 184212. | 0.2 | 2 |
| 64 | Helicity-dependent THz emission induced by ultrafast spin photocurrent in nodal-line semimetal candidate Mg ₃ Bi ₂ . <i>Opto-Electronic Advances</i> , 2020, 3, 20002301-20002315. | 6.4 | 16 |
| 65 | In-plane anisotropy in twisted bilayer graphene probed by Raman spectroscopy. <i>Nanotechnology</i> , 2019, 30, 435702. | 1.3 | 11 |
| 66 | Anisotropic Nonlinear Optical Properties of a SnSe Flake and a Novel Perspective for the Application of All-Optical Switching. <i>Advanced Optical Materials</i> , 2019, 7, 1900631. | 3.6 | 74 |
| 67 | A polarized nonlinear optical response in a topological insulator Bi ₂ Se ₃ –Au nanoantenna hybrid-structure for all-optical switching. <i>Nanoscale</i> , 2019, 11, 14598-14606. | 2.8 | 26 |
| 68 | Bolometric Effect in Bi ₂ O ₂ Se Photodetectors. <i>Small</i> , 2019, 15, e1904482. | 5.2 | 68 |
| 69 | Ultrafast Terahertz Frequency and Phase Tuning by All-Optical Molecularization of Metasurfaces. <i>Advanced Optical Materials</i> , 2019, 7, 1901050. | 3.6 | 38 |
| 70 | Self-starting all-fiber PM Er: laser mode locked by a biased nonlinear amplifying loop mirror*. <i>Chinese Physics B</i> , 2019, 28, 124203. | 0.7 | 12 |
| 71 | Tunable Infrared Emissivity in Multilayer Graphene by Ionic Liquid Intercalation. <i>Nanomaterials</i> , 2019, 9, 1096. | 1.9 | 36 |
| 72 | Tunable photoluminescence of bilayer MoS ₂ via interlayer twist. <i>Optical Materials</i> , 2019, 94, 213-216. | 1.7 | 17 |

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| 73 | Dimensional Crossover and Topological Nature of the Thin Films of a Three-Dimensional Topological Insulator by Band Gap Engineering. Nano Letters, 2019, 19, 4627-4633. | 4.5 | 16 |
| 74 | Ultrafast exciton transfer in perovskite CsPbBr ₃ quantum dots and topological insulator Bi ₂ Se ₃ film heterostructure. Nanotechnology, 2019, 30, 325702. | 1.3 | 13 |
| 75 | Performance of Bi-Directional Mode-Locked Fiber Laser at 2 $\hat{1}$ / ₄ m. , 2019, , . | | 0 |
| 76 | Near-Infrared Photoelectric Properties of Multilayer Bi ₂ O ₂ Se Nanofilms. Nanoscale Research Letters, 2019, 14, 371. | 3.1 | 31 |
| 77 | Experimental Evidence of Topological Surface States in Mg ₃ Bi ₂ Films Grown by Molecular Beam Epitaxy*. Chinese Physics Letters, 2019, 36, 117303. | 1.3 | 15 |
| 78 | Terahertz Metamaterials: Ultrafast Terahertz Frequency and Phase Tuning by All-Optical Molecularization of Metasurfaces (Advanced Optical Materials 22/2019). Advanced Optical Materials, 2019, 7, 1970084. | 3.6 | 5 |
| 79 | All-Fiber Bidirectional Mode-Locked Ultrafast Fiber Laser at 2 $\hat{1}$ / ₄ m. IEEE Photonics Journal, 2019, 11, 1-8. | 1.0 | 10 |
| 80 | Nonlinear Nanophotonics With 2D Transition Metal Dichalcogenides. , 2019, , 305-318. | | 5 |
| 81 | Ultrafast nonlinear absorption enhancement of monolayer MoS ₂ with plasmonic Au nanoantennas. Optics Letters, 2019, 44, 3198. | 1.7 | 13 |
| 82 | Ultrasensitive polarization-dependent terahertz modulation in hybrid perovskites plasmon-induced transparency devices. Photonics Research, 2019, 7, 994. | 3.4 | 37 |
| 83 | Electron-phonon coupling in topological insulator Bi ₂ Se ₃ thin films with different substrates. Chinese Optics Letters, 2019, 17, 020005. | 1.3 | 22 |
| 84 | Title is missing!. Chinese Optics Letters, 2019, 17, 071403. | 1.3 | 10 |
| 85 | Reconfigurable linear-phase response spectral shaping filer. , 2019, , . | | 0 |
| 86 | Determining the Optimized Interlayer Separation Distance in Vertical Stacked 2D WS ₂ :hBN:MoS ₂ Heterostructures for Exciton Energy Transfer. Small, 2018, 14, e1703727. | 5.2 | 54 |
| 87 | Sensitive SERS detection at the single-particle level based on nanometer-separated mushroom-shaped plasmonic dimers. Nanotechnology, 2018, 29, 105301. | 1.3 | 17 |
| 88 | Ultrafast interfacial energy transfer and interlayer excitons in the monolayer WS ₂ /CsPbBr ₃ quantum dot heterostructure. Nanoscale, 2018, 10, 1650-1659. | 2.8 | 61 |
| 89 | Enhancing exciton binding energy and photoluminescence of formamidinium lead bromide by reducing its dimensions to 2D nanoplates for producing efficient light emitting diodes. Nanoscale, 2018, 10, 20611-20617. | 2.8 | 36 |
| 90 | Saturated absorption of different layered Bi ₂ Se ₃ films in the resonance zone. Photonics Research, 2018, 6, C8. | 3.4 | 35 |

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|-----|--|-----|-----------|
| 91 | Ultrafast Carrier Transfer Promoted by Interlayer Coulomb Coupling in 2D/3D Perovskite Heterostructures. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800128. | 4.4 | 59 |
| 92 | Accelerated image factorization based on improved NMF algorithm. <i>Journal of Real-Time Image Processing</i> , 2018, 15, 93-105. | 2.2 | 5 |
| 93 | Realizing an Epitaxial Decorated Stanene with an Insulating Bandgap. <i>Advanced Functional Materials</i> , 2018, 28, 1802723. | 7.8 | 63 |
| 94 | Photo-induced excitonic structure renormalization and broadband absorption in monolayer tungsten disulphide. <i>Optics Express</i> , 2018, 26, 859. | 1.7 | 32 |
| 95 | Visualized charge transfer processes in monolayer composition-graded WS ₂ /Se ₂ (1 \times) lateral heterojunctions via ultrafast microscopy mapping. <i>Optics Express</i> , 2018, 26, 15867. | 1.7 | 15 |
| 96 | Ultrafast saturable absorption of MoS ₂ nanosheets under different pulse-width excitation conditions. <i>Optics Letters</i> , 2018, 43, 243. | 1.7 | 54 |
| 97 | Controlled Layer-by-Layer Oxidation of MoTe ₂ via O ₃ Exposure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30045-30050. | 4.0 | 49 |
| 98 | Nonlinear absorption and temperature-dependent fluorescence of perovskite FAPbBr ₃ nanocrystal. <i>Optics Letters</i> , 2018, 43, 122. | 1.7 | 41 |
| 99 | Photoluminescence enhancement and ultrafast relaxation dynamics in a low-dimensional heterostructure: effect of plasmon \leftrightarrow exciton coupling. <i>Optics Letters</i> , 2018, 43, 6093. | 1.7 | 13 |
| 100 | Electro-photo modulation of the fermi level in WSe ₂ /graphene van der Waals heterojunction. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 88, 279-283. | 1.3 | 3 |
| 101 | Photodetectors: Broadband High \leftrightarrow Responsivity Photodetectors Based on Large \leftrightarrow Scale Topological Crystalline Insulator SnTe Ultrathin Film Grown by Molecular Beam Epitaxy (Advanced Optical) Tj ETQq1 1 0.784314.6gBT /Overlock 10 | 4.6 | 107 |
| 102 | Broadband ultrafast photovoltaic detectors based on large-scale topological insulator Sb ₂ Te ₃ /STO heterostructures. <i>Nanoscale</i> , 2017, 9, 9325-9332. | 2.8 | 34 |
| 103 | Broadband High \leftrightarrow Responsivity Photodetectors Based on Large \leftrightarrow Scale Topological Crystalline Insulator SnTe Ultrathin Film Grown by Molecular Beam Epitaxy. <i>Advanced Optical Materials</i> , 2017, 5, 1600727. | 3.6 | 48 |
| 104 | All-fiber thulium/holmium-doped mode-locked laser by tungsten disulfide saturable absorber. <i>Laser Physics</i> , 2017, 27, 015102. | 0.6 | 22 |
| 105 | Uniform Gold-Nanoparticle-Decorated {001}-Faceted Anatase TiO ₂ Nanosheets for Enhanced Solar-Light Photocatalytic Reactions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36907-36916. | 4.0 | 59 |
| 106 | Optically controlled terahertz modulator by liquid-exfoliated multilayer WS ₂ nanosheets. <i>Optics Express</i> , 2017, 25, 16364. | 1.7 | 38 |
| 107 | Thickness-dependent nonlinear optical properties of CsPbBr ₃ perovskite nanosheets. <i>Optics Letters</i> , 2017, 42, 3371. | 1.7 | 59 |
| 108 | Giant photoluminescence enhancement in monolayer WS ₂ by energy transfer from CsPbBr ₃ quantum dots. <i>Optical Materials Express</i> , 2017, 7, 1327. | 1.6 | 30 |

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|-----|--|------|-----------|
| 109 | Broadband ultrafast nonlinear absorption and ultra-long exciton relaxation time of black phosphorus quantum dots. <i>Optics Express</i> , 2017, 25, 7507. | 1.7 | 37 |
| 110 | Thickness-dependent carrier and phonon dynamics of topological insulator Bi ₂ Te ₃ thin films. <i>Optics Express</i> , 2017, 25, 14635. | 1.7 | 24 |
| 111 | Dielectric properties of a CsPbBr ₃ quantum dot solution in the terahertz region. <i>Applied Optics</i> , 2017, 56, 2878. | 2.1 | 9 |
| 112 | Modification of degenerative photoluminescence in aged monolayer WS ₂ by PC ₆₁ BM surface processing. <i>Applied Optics</i> , 2017, 56, 890. | 2.1 | 5 |
| 113 | Giant nonlinear absorption and excited carrier dynamics of black phosphorus few-layer nanosheets in broadband spectra. <i>Applied Optics</i> , 2016, 55, 10307. | 2.1 | 25 |
| 114 | Nanosecond passively Q-switched thulium/holmium-doped fiber laser based on black phosphorus nanoplatelets. <i>Optical Materials Express</i> , 2016, 6, 603. | 1.6 | 78 |
| 115 | Fabrication of a reversible SnS ₂ /RGO nanocomposite for high performance lithium storage. <i>RSC Advances</i> , 2016, 6, 32414-32421. | 1.7 | 24 |
| 116 | Ultrahigh-brightness, spectrally-flat, short-wave infrared supercontinuum source for long-range atmospheric applications. <i>Optics Express</i> , 2016, 24, 20010. | 1.7 | 27 |
| 117 | Large range modification of exciton species in monolayer WS ₂ . <i>Applied Optics</i> , 2016, 55, 6251. | 2.1 | 42 |
| 118 | Temperature-dependent excitonic photoluminescence excited by two-photon absorption in perovskite CsPbBr ₃ quantum dots. <i>Optics Letters</i> , 2016, 41, 3821. | 1.7 | 246 |
| 119 | Observation of Ultrafast Exciton Annihilation in CsPbBr ₃ Quantum Dots. <i>Advanced Optical Materials</i> , 2016, 4, 1993-1997. | 3.6 | 64 |
| 120 | Raman and Photoluminescence Spectroscopy of Laser Irradiated Sites of Fused Silica: Comparison between Bulk and Surface Damage. , 2016, , . | | 2 |
| 121 | Thulium/holmium-doped fiber laser passively mode locked by black phosphorus nanoplatelets-based saturable absorber. <i>Applied Optics</i> , 2015, 54, 10290. | 2.1 | 96 |
| 122 | Soliton mode-locked fiber laser based on topological insulator Bi ₂ Te ₃ nanosheets at 2 μ m. <i>Photonics Research</i> , 2015, 3, 72. | 3.4 | 117 |
| 123 | Z-scan measurement of the nonlinear refractive index of monolayer WS ₂ . <i>Optics Express</i> , 2015, 23, 15616. | 1.7 | 118 |
| 124 | Z-scan measurement of nonlinear optical properties of BiOCl nanosheets. <i>Applied Optics</i> , 2015, 54, 6592. | 2.1 | 10 |
| 125 | Characterization of nonlinear properties of black phosphorus nanoplatelets with femtosecond pulsed Z-scan measurements. <i>Optics Letters</i> , 2015, 40, 3480. | 1.7 | 110 |
| 126 | Molecular Beam Epitaxy-Grown SnSe in the Rock-Salt Structure: An Artificial Topological Crystalline Insulator Material. <i>Advanced Materials</i> , 2015, 27, 4150-4154. | 11.1 | 83 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|----|-----------|
| 127 | The output of photovoltaic detector irradiated by spectral unrelated laser. , 2011, , . | | 0 |