# Yuen Hong Tsang

List of Publications by Year
in descending order



| 187 | 8,904 | 38742 50 | 51608 86 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 189 | 189 | 189 | 9701 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High-temperature solar steam generation by MWCNT-HfTe2 van der Waals heterostructure for low-cost sterilization. Nano Energy, 2022, 94, 106916. | 16.0 | 46 |
| 2 | Nonlinear optical properties of two-dimensional palladium ditelluride (PdTe2) and its application as aerosol jet printed saturable absorbers for broadband ultrafast photonics. Applied Materials Today, 2022, 26, 101296. | 4.3 | 14 |
| 3 | Optics in high efficiency perovskite tandem solar cells. , 2022, , 319-345. | | 1 |
| 4 | Natural Porous Materials for Interfacial Solar Steam Generation toward Clean Water Production. Solar Rrl, 2022, 6, . | 5.8 | 37 |
| 5 | Waste Egg Tray and Toner-Derived Highly Efficient 3D Solar Evaporator for Freshwater Generation. ACS Applied Materials & Interfaces, 2022, 14, 7936-7948. | 8.0 | 39 |
| 6 | Beyond Tristimulus Color Vision with Perovskite-Based Multispectral Sensors. ACS Applied Materials & Interfaces, 2022, 14, 11645-11653. | 8.0 | 7 |
| 7 | Localized surface plasmon resonance induced temperature enhancement by MWCNT-HfTe2 van der Waals heterostructure. , 2022, , . | | 5 |
| 8 | Layer dependent second harmonic generation of two-dimensional gallium sulfide (GaS). , 2022, , . | | 0 |
| 9 | Nanophotonic-structured front contact for high-performance perovskite solar cells. Science China Materials, 2022, 65, 1727-1740. | 6.3 | 5 |
| 10 | Natural Porous Materials for Interfacial Solar Steam Generation toward Clean Water Production. Solar Rrl, 2022, 6, . | 5.8 | 5 |
| 11 | Perovskite/perovskite planar tandem solar cells: A comprehensive guideline for reaching energy conversion efficiency beyond 30%. Nano Energy, 2021, 79, 105400. | 16.0 | 69 |
| 12 | Spray Pyrolyzed TiO2 Embedded Multi-Layer Front Contact Design for High-Efficiency Perovskite Solar Cells. Nano-Micro Letters, 2021, 13, 36. | 27.0 | 50 |
| 13 | Mechanism of non-catalytic chemical vapor deposition growth of all-inorganic CsPbX<sub>3</sub> (X) Tj ETQq1 1 0.784314 rgBT /Ov | 5.5 | 6 |
| 14 | Solar Driven Interfacial Steam Generation Derived from Biodegradable Luffa Sponge. Advanced Sustainable Systems, 2021, 5, 2000291. | 5.3 | 35 |
| 15 | Highly sensitive solar-blind deep ultraviolet photodetector based on graphene/PtSe2/Î²-Ga2O3 2D/3D Schottky junction with ultrafast speed. Nano Research, 2021, 14, 1973-1979. | 10.4 | 152 |
| 16 | Fabrication of 2D PdSe<sub>2</sub>/3D CdTe Mixed-Dimensional van der Waals Heterojunction for Broadband Infrared Detection. ACS Applied Materials & Interfaces, 2021, 13, 41791-41801. | 8.0 | 30 |
| 17 | Improved Nanophotonic Front Contact Design for Highâ€Performance Perovskite Singleâ€Junction and Perovskite/Perovskite Tandem Solar Cells. Solar Rrl, 2021, 5, 2100509. | 5.8 | 23 |
| 18 | Tin telluride quantum dots as a new saturable absorber for a mode-locked Yb+ doped fiber laser. Optics and Laser Technology, 2021, 142, 107258. | 4.6 | 7 |

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| 19 | Reversible photochromic and photoluminescence in iodide perovskites. Thin Solid Films, 2021, 737, 138950. | 1.8 | 4 |
| 20 | Near field control for enhanced photovoltaic performance and photostability in perovskite solar cells. Nano Energy, 2021, 89, 106388. | 16.0 | 25 |
| 21 | Low-temperature treated anatase TiO2 nanophotonic-structured contact design for efficient triple-cation perovskite solar cells. Chemical Engineering Journal, 2021, 426, 131831. | 12.7 | 22 |
| 22 | Utilization of group 10 2D TMDs-PdSe<sub>2</sub> as a nonlinear optical material for obtaining switchable laser pulse generation modes. Nanotechnology, 2021, 32, 055201. | 2.6 | 24 |
| 23 | Tin Telluride Quantum Dots as a Novel Saturable Absorber for Qâ€Switching and Mode Locking in Fiber Lasers. Advanced Optical Materials, 2021, 9, 2001821. | 7.3 | 30 |
| 24 | Two-Dimensional Gallium Sulfide as a Novel Saturable Absorber for Broadband Ultrafast Photonics Applications. ACS Applied Materials & Interfaces, 2021, 13, 61518-61527. | 8.0 | 25 |
| 25 | Electrical and Optical Properties of Nickelâ€Oxide Films for Efficient Perovskite Solar Cells. Small Methods, 2020, 4, 2000454. | 8.6 | 37 |
| 26 | Controllable optical emission wavelength in all-inorganic halide perovskite alloy microplates grown by two-step chemical vapor deposition. Nano Research, 2020, 13, 2939-2949. | 10.4 | 18 |
| 27 | Perovskite Color Detectors: Approaching the Efficiency Limit. ACS Applied Materials & Interfaces, 2020, 12, 47831-47839. | 8.0 | 29 |
| 28 | Ultrafast Yb-Doped Fiber Laser Using Few Layers of PdS2 Saturable Absorber. Nanomaterials, 2020, 10, 2441. | 4.1 | 26 |
| 29 | Van der Waals Epitaxial Growth of Mosaicâ€Like 2D Platinum Ditelluride Layers for Roomâ€Temperature Midâ€Infrared Photodetection up to 10.6 Âµm. Advanced Materials, 2020, 32, e2004412. | 21.0 | 202 |
| 30 | Vertically Stacked Perovskite Detectors for Color Sensing and Color Vision. Advanced Materials Interfaces, 2020, 7, 2000459. | 3.7 | 28 |
| 31 | Influence of Perovskite Interface Morphology on the Photon Management in Perovskite/Silicon Tandem Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 15080-15086. | 8.0 | 30 |
| 32 | Fabrication of MAPbBr<sub>3</sub> Single Crystal pâ€n Photodiode and nâ€pâ€n Phototriode for Sensitive Light Detection Application. Advanced Functional Materials, 2020, 30, 2001033. | 14.9 | 40 |
| 33 | Size-dependent nonlinear optical properties of atomically thin PtS2 nanosheet. Optical Materials, 2020, 101, 109694. | 3.6 | 8 |
| 34 | Non-resonant metal-oxide metasurfaces for efficient perovskite solar cells. Solar Energy, 2020, 198, 570-577. | 6.1 | 23 |
| 35 | Atomic layer deposition of metal oxides for efficient perovskite single-junction and perovskite/silicon tandem solar cells. RSC Advances, 2020, 10, 14856-14866. | 3.6 | 18 |
| 36 | Midâ€Infrared Photodetectors: Van der Waals Epitaxial Growth of Mosaicâ€Like 2D Platinum Ditelluride Layers for Roomâ€Temperature Midâ€Infrared Photodetection up to 10.6 Âµm (Adv. Mater. 52/2020). Advanced Materials, 2020, 32, 2070394. | 21.0 | 6 |

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| 37 | Passively Q-switched and femtosecond mode-locked erbium-doped fiber laser based on a 2D palladium disulfide (PdS<sub>2</sub>) saturable absorber. Photonics Research, 2020, 8, 511. | 7.0 | 48 |
| 38 | Enhancing the energy conversion efficiency of low mobility solar cells by a 3D device architecture. Journal of Materials Chemistry C, 2019, 7, 10289-10296. | 5.5 | 10 |
| 39 | Multilayered PdSe<sub>2</sub>/Perovskite Schottky Junction for Fast, Selfâ€Powered, Polarizationâ€Sensitive, Broadband Photodetectors, and Image Sensor Application. Advanced Science, 2019, 6, 1901134. | 11.2 | 308 |
| 40 | Perovskite/Silicon Tandem Solar Cells: From Detailed Balance Limit Calculations to Photon Management. Nano-Micro Letters, 2019, 11, 58. | 27.0 | 115 |
| 41 | Passively Q-switched Ytterbium-doped fiber laser based on broadband multilayer Platinum Ditelluride (PtTe2) saturable absorber. Scientific Reports, 2019, 9, 10106. | 3.3 | 32 |
| 42 | In<sub>2</sub>Se<sub>3</sub> nanosheets with broadband saturable absorption used for near-infrared femtosecond laser mode locking. Nanotechnology, 2019, 30, 465704. | 2.6 | 19 |
| 43 | Highly Polarization-Sensitive, Broadband, Self-Powered Photodetector Based on Graphene/PdSe<sub>2</sub>/Germanium Heterojunction. ACS Nano, 2019, 13, 9907-9917. | 14.6 | 420 |
| 44 | Phosphorus Incorporation into Co<sub>9</sub>S<sub>8</sub> Nanocages for Highly Efficient Oxygen Evolution Catalysis. Small, 2019, 15, e1904507. | 10.0 | 75 |
| 45 | Valence Engineering via Dual-Cation and Boron Doping in Pyrite Selenide for Highly Efficient Oxygen Evolution. ACS Nano, 2019, 13, 11469-11476. | 14.6 | 68 |
| 46 | Optical limiting properties of a few-layer MoS<sub>2</sub>/PMMA composite under excitation of ultrafast laser pulses. Journal of Materials Chemistry C, 2019, 7, 495-502. | 5.5 | 46 |
| 47 | Optics of Perovskite Solar Cell Front Contacts. ACS Applied Materials & Interfaces, 2019, 11, 14693-14701. | 8.0 | 32 |
| 48 | Ultrafast laser pulse (115 fs) generation by using direct bandgap ultrasmall 2D GaTe quantum dots. Journal of Materials Chemistry C, 2019, 7, 5937-5944. | 5.5 | 40 |
| 49 | Fabrication of luminescent PtS2 quantum dots. Journal of Luminescence, 2019, 211, 227-232. | 3.1 | 9 |
| 50 | Metal-organic framework derived porous carbon of light trapping structures for efficient solar steam generation. Solar Energy Materials and Solar Cells, 2019, 196, 36-42. | 6.2 | 88 |
| 51 | Ultra-high adsorption of cationic methylene blue on two dimensional titanate nanosheets. RSC Advances, 2019, 9, 5891-5894. | 3.6 | 11 |
| 52 | Photoluminescence of PdS<sub>2</sub> and PdSe<sub>2</sub> quantum dots. RSC Advances, 2019, 9, 38077-38084. | 3.6 | 13 |
| 53 | In-situ fabrication of PtSe2/GaN heterojunction for self-powered deep ultraviolet photodetector with ultrahigh current on/off ratio and detectivity. Nano Research, 2019, 12, 183-189. | 10.4 | 189 |
| 54 | Ultrafast Laser Pulses Generation by Using 2D Layered PtS<sub>2</sub> as a Saturable Absorber. Journal of Lightwave Technology, 2019, 37, 1174-1179. | 4.6 | 41 |

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| 55 | Photodetectors: Controlled Synthesis of 2D Palladium Diselenide for Sensitive Photodetector Applications (Adv. Funct. Mater. 1/2019). Advanced Functional Materials, 2019, 29, 1970005. | 14.9 | 13 |
| 56 | Controlled Synthesis of 2D Palladium Diselenide for Sensitive Photodetector Applications. Advanced Functional Materials, 2019, 29, 1806878. | 14.9 | 286 |
| 57 | Ultrafast, Self-Driven, and Air-Stable Photodetectors Based on Multilayer PtSe<sub>2</sub>/Perovskite Heterojunctions. Journal of Physical Chemistry Letters, 2018, 9, 1185-1194. | 4.6 | 159 |
| 58 | Ultrafast and sensitive photodetector based on a PtSe2/silicon nanowire array heterojunction with a multiband spectral response from 200 to 1550â€‰nm. NPG Asia Materials, 2018, 10, 352-362. | 7.9 | 187 |
| 59 | Maximizing the short circuit current of organic solar cells by partial decoupling of electrical and optical properties. Applied Nanoscience (Switzerland), 2018, 8, 339-346. | 3.1 | 7 |
| 60 | Photovoltaic high-performance broadband photodetector based on MoS2/Si nanowire array heterojunction. Solar Energy Materials and Solar Cells, 2018, 182, 272-280. | 6.2 | 67 |
| 61 | Fast, Selfâ€Driven, Airâ€Stable, and Broadband Photodetector Based on Vertically Aligned PtSe<sub>2</sub>/GaAs Heterojunction. Advanced Functional Materials, 2018, 28, 1705970. | 14.9 | 314 |
| 62 | Nanophotonic design of perovskite/silicon tandem solar cells. Journal of Materials Chemistry A, 2018, 6, 3625-3633. | 10.3 | 53 |
| 63 | Multifunctional Sensor Based on Porous Carbon Derived from Metalâ€“Organic Frameworks for Real Time Health Monitoring. ACS Applied Materials & Interfaces, 2018, 10, 3986-3993. | 8.0 | 134 |
| 64 | Correction to Multifunctional Sensor Based on Porous Carbon Derived from Metalâ€“Organic Frameworks for Real Time Health Monitoring. ACS Applied Materials & Interfaces, 2018, 10, 10599-10599. | 8.0 | 3 |
| 65 | High photoelectrochemical activity and stability of Au-WS2/silicon heterojunction photocathode. Solar Energy Materials and Solar Cells, 2018, 174, 300-306. | 6.2 | 16 |
| 66 | Silver nanoparticle-decorated graphene oxide for surface-enhanced Raman scattering detection and optical limiting applications. Journal of Materials Science, 2018, 53, 573-580. | 3.7 | 18 |
| 67 | Active site engineering of Fe- and Ni-sites for highly efficient electrochemical overall water splitting. Journal of Materials Chemistry A, 2018, 6, 21445-21451. | 10.3 | 68 |
| 68 | Ultrasmall 2D NbSe<sub>2</sub> based quantum dots used for low threshold ultrafast lasers. Journal of Materials Chemistry C, 2018, 6, 12638-12642. | 5.5 | 55 |
| 69 | Approaching Perfect Light Incoupling in Perovskite and Silicon Thin Film Solar Cells by Moth Eye Surface Textures. Advanced Theory and Simulations, 2018, 1, 1800030. | 2.8 | 38 |
| 70 | Laser Q-switching with PtS<sub>2</sub> microflakes saturable absorber. Optics Express, 2018, 26, 13055. | 3.4 | 41 |
| 71 | Vertically standing PtSe<sub>2</sub> film: a saturable absorber for a passively mode-locked Nd:LuVO<sub>4</sub> laser. Photonics Research, 2018, 6, 750. | 7.0 | 56 |
| 72 | Photodetectors: Fast, Selfâ€Driven, Airâ€Stable, and Broadband Photodetector Based on Vertically Aligned PtSe<sub>2</sub>/GaAs Heterojunction (Adv. Funct. Mater. 16/2018). Advanced Functional Materials, 2018, 28, 1870106. | 14.9 | 5 |

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| 73 | Technique and model for modifying the saturable absorption (SA) properties of 2D nanofilms by considering interband exciton recombination. Journal of Materials Chemistry C, 2018, 6, 7501-7511. | 5.5 | 32 |
| 74 | Design of 2D Layered PtSe<sub>2</sub> Heterojunction for the High-Performance, Room-Temperature, Broadband, Infrared Photodetector. ACS Photonics, 2018, 5, 3820-3827. | 6.6 | 144 |
| 75 | Photocatalytic and electrochemical performance of three-Dimensional reduced graphene Oxide/WS2/Mg-doped ZnO composites. Applied Surface Science, 2017, 400, 129-138. | 6.1 | 79 |
| 76 | Time and pressure dependent deformation of microcontact printed channels fabricated using self-assembled monolayers of alkanethiol on gold. Journal of Science: Advanced Materials and Devices, 2017, 2, 385-391. | 3.1 | 10 |
| 77 | Tunable active edge sites in PtSe2 films towards hydrogen evolution reaction. Nano Energy, 2017, 42, 26-33. | 16.0 | 109 |
| 78 | Recycled waste black polyurethane sponges for solar vapor generation and distillation. Applied Energy, 2017, 206, 63-69. | 10.1 | 119 |
| 79 | Two-dimensional nanomaterials for photocatalytic CO<sub>2</sub>reduction to solar fuels. Sustainable Energy and Fuels, 2017, 1, 1875-1898. | 4.9 | 156 |
| 80 | Effect of back reflectors on photon absorption in thin-film amorphous silicon solar cells. Applied Nanoscience (Switzerland), 2017, 7, 489-497. | 3.1 | 39 |
| 81 | Passively Q-Switched Nd:YVO4 Laser Using WS2 Saturable Absorber Fabricated by Radio Frequency Magnetron Sputtering Deposition. Journal of Lightwave Technology, 2017, 35, 4120-4124. | 4.6 | 33 |
| 82 | Enhanced Photocatalytic Activity of WS2 Film by Laser Drilling to Produce Porous WS2/WO3 Heterostructure. Scientific Reports, 2017, 7, 3125. | 3.3 | 31 |
| 83 | Graphene oxide/WS2/Mg-doped ZnO nanocomposites for solar-light catalytic and anti-bacterial applications. Solar Energy Materials and Solar Cells, 2017, 160, 43-53. | 6.2 | 141 |
| 84 | Efficient amorphous silicon solar cells: characterization, optimization, and optical loss analysis. Results in Physics, 2017, 7, 4287-4293. | 4.1 | 69 |
| 85 | High-average-power, high-repetition-rate tunable terahertz difference frequency generation with GaSe crystal pumped by 2â€‰â€‰Î¼m dual-wavelength intracavity KTP optical parametric oscillator. Photonics Research, 2017, 5, 82. | 7.0 | 52 |
| 86 | High-performance MoS_2/Si heterojunction broadband photodetectors from deep ultraviolet to near infrared. Optics Letters, 2017, 42, 3335. | 3.3 | 64 |
| 87 | On the interplay of cell thickness and optimum period of silicon thinâ€film solar cells: light trapping and plasmonic losses. Progress in Photovoltaics: Research and Applications, 2016, 24, 379-388. | 8.1 | 27 |
| 88 | Controllable Growth of Largeâ€“Size Crystalline MoS2 and Resist-Free Transfer Assisted with a Cu Thin Film. Scientific Reports, 2016, 5, 18596. | 3.3 | 163 |
| 89 | Simultaneous multi-frequency topological edge modes between one-dimensional photonic crystals. Optics Letters, 2016, 41, 1644. | 3.3 | 59 |
| 90 | Role of hydroxylation modification on the structure and property of reduced graphene oxide/TiO 2 hybrids. Applied Surface Science, 2016, 382, 225-238. | 6.1 | 93 |

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| 91 | InnenrÃ¼cktitelbild: Constructing Interfacial Energy Transfer for Photon Upâ€•and Downâ€Conversion from Lanthanides in a Coreâ€“Shell Nanostructure (Angew. Chem. 40/2016). Angewandte Chemie, 2016, 128, 12731-12731. | 2.0 | 0 |
| 92 | Constructing Interfacial Energy Transfer for Photon Upâ€•and Downâ€Conversion from Lanthanides in a Coreâ€“Shell Nanostructure. Angewandte Chemie, 2016, 128, 12544-12548. | 2.0 | 15 |
| 93 | Constructing Interfacial Energy Transfer for Photon Upâ€•and Downâ€Conversion from Lanthanides in a Coreâ€“Shell Nanostructure. Angewandte Chemie - International Edition, 2016, 55, 12356-12360. | 13.8 | 118 |
| 94 | Microfluidic chip-based one-step fabrication of an artificial photosystem I for photocatalytic cofactor regeneration. RSC Advances, 2016, 6, 101974-101980. | 3.6 | 29 |
| 95 | High-responsivity UV-Vis Photodetector Based on Transferable WS2 Film Deposited by Magnetron Sputtering. Scientific Reports, 2016, 6, 20343. | 3.3 | 230 |
| 96 | The WS<sub>2</sub>quantum dot: preparation, characterization and its optical limiting effect in polymethylmethacrylate. Nanotechnology, 2016, 27, 414005. | 2.6 | 36 |
| 97 | Effect of laser illumination on the morphology and optical property of few-layer MoS<sub>2</sub> nanosheet in NMP and PMMA. Journal of Materials Chemistry C, 2016, 4, 678-683. | 5.5 | 17 |
| 98 | Highly-sensitive epinephrine sensors based on organic electrochemical transistors with carbon nanomaterial modified gate electrodes. Journal of Materials Chemistry C, 2015, 3, 6532-6538. | 5.5 | 59 |
| 99 | Enhanced photocatalytic properties of graphene oxide/ZnO nanohybrid by Mg dopants. Physica Scripta, 2015, 90, 025806. | 2.5 | 22 |
| 100 | Highly efficient photocatalytic performance of graphene oxide/TiO2â€“Bi2O3 hybrid coating for organic dyes and NO gas. Journal of Materials Science: Materials in Electronics, 2015, 26, 3385-3391. | 2.2 | 21 |
| 101 | MnOx quantum dots decorated reduced graphene oxide/TiO2 nanohybrids for enhanced activity by a UV pre-catalytic microwave method. Applied Catalysis B: Environmental, 2015, 176-177, 500-512. | 20.2 | 40 |
| 102 | Adsorption, photocatalytic and sunlight-driven antibacterial activity of Bi2WO6/graphene oxide nanoflakes. Vacuum, 2015, 116, 48-53. | 3.5 | 45 |
| 103 | Bilayer graphene based surface passivation enhanced nano structured self-powered near-infrared photodetector. Optics Express, 2015, 23, 4839. | 3.4 | 39 |
| 104 | High-power passively mode-locked Nd:YVO_4 laser using SWCNT saturable absorber fabricated by dip coating method. Optics Express, 2015, 23, 4880. | 3.4 | 10 |
| 105 | Tuning nonlinear optical absorption properties of WS<sub>2</sub> nanosheets. Nanoscale, 2015, 7, 17771-17777. | 5.6 | 57 |
| 106 | Three operation regimes with an L-band ultrafast fiber laser passively mode-locked by graphene oxide saturable absorber. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 716. | 2.1 | 29 |
| 107 | Controllable parabolic lensed liquid-core optical fiber by using electrostatic force. Optics Express, 2014, 22, 20948. | 3.4 | 1 |
| 108 | Mass Transport Mechanism of Cu Species at the Metal/Dielectric Interfaces with a Graphene Barrier. ACS Nano, 2014, 8, 12601-12611. | 14.6 | 55 |

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| 109 | Improved multiphoton ultraviolet upconversion photoluminescence in ultrasmall core-shell nanocrystals. Optics Letters, 2014, 39, 6265. | 3.3 | 11 |
| 110 | Stretchable all-solid-state supercapacitor with wavy shaped polyaniline/graphene electrode. Journal of Materials Chemistry A, 2014, 2, 9142-9149. | 10.3 | 299 |
| 111 | Lensed Water-Core Teflon-Amorphous Fluoroplastics Optical Fiber. Journal of Lightwave Technology, 2014, 32, 1538-1542. | 4.6 | 5 |
| 112 | Improved anatase phase stability in small diameter TiO2 nanotube arrays for high performance dye-sensitized solar cells. Journal of Alloys and Compounds, 2014, 607, 50-53. | 5.5 | 9 |
| 113 | An Ytterbium-doped fiber laser with dark and Q-switched pulse generation using graphene-oxide as saturable absorber. Optics Communications, 2014, 312, 227-232. | 2.1 | 44 |
| 114 | Bifunctional Au@Pt coreâ€“shell nanostructures for in situ monitoring of catalytic reactions by surface-enhanced Raman scattering spectroscopy. Nanoscale, 2014, 6, 9063-9070. | 5.6 | 81 |
| 115 | Enhanced SERS Stability of R6G Molecules with Monolayer Graphene. Journal of Physical Chemistry C, 2014, 118, 11827-11832. | 3.1 | 72 |
| 116 | Large-diameter titanium dioxide nanotube arrays as a scattering layer for high-efficiency dye-sensitized solar cell. Nanoscale Research Letters, 2014, 9, 362. | 5.7 | 17 |
| 117 | Synthesis of reduced graphene oxide/Î±-Bi2Mo3O12 @ Î²-Bi2O3 heterojunctions by organic electrolytes assisted UV-excited method. Chemical Engineering Journal, 2014, 257, 309-316. | 12.7 | 24 |
| 118 | Preparation and characterization of few-layer MoS<sub>2</sub> nanosheets and their good nonlinear optical responses in the PMMA matrix. Nanoscale, 2014, 6, 9713-9719. | 5.6 | 98 |
| 119 | In situ SERS monitoring of photocatalytic organic decomposition using recyclable TiO2-coated Ag nanowire arrays. Applied Surface Science, 2014, 301, 351-357. | 6.1 | 49 |
| 120 | 3W high-power laser passively mode-locked by graphene oxide saturable absorber. Optics Communications, 2013, 298-299, 168-170. | 2.1 | 23 |
| 121 | An L-band graphene-oxide mode-locked fiber laser delivering bright and dark pulses. Laser Physics, 2013, 23, 075105. | 1.2 | 32 |
| 122 | Near- and mid-infrared photoluminescence in Ho3+ doped and Ho3+â€“Yb3+ codoped low-phonon-energy germanotellurite glasses. Journal of Luminescence, 2013, 137, 132-137. | 3.1 | 36 |
| 123 | Intense near-infrared emission of 1.23Î¼m in erbium-doped low-phonon-energy fluorotellurite glass. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 111, 49-53. | 3.9 | 13 |
| 124 | Fabrication of Covalently Functionalized Graphene Oxide Incorporated Solid-State Hybrid Silica Gel Glasses and Their Improved Nonlinear Optical Response. Journal of Physical Chemistry C, 2013, 117, 23108-23116. | 3.1 | 51 |
| 125 | The generation of dissipative solitons in an all-fiber passively mode-locked laser based on semiconduct type of carbon nanotubes absorber. Optical Fiber Technology, 2013, 19, 200-205. | 2.7 | 7 |
| 126 | Sub-100ns solid-state laser Q-switched with double wall carbon nanotubes. Optics Communications, 2013, 306, 128-130. | 2.1 | 19 |

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| 127 | Broadband conversion of ultraviolet to visible and near-infrared emission in Gd3+/Yb3+ codoped germanate glass. Journal of Non-Crystalline Solids, 2013, 376, 26-29. | 3.1 | 9 |
| 128 | Enhanced light emission near 2.7Î¼m from Erâ€“Nd co-doped germanate glass. Optical Materials, 2013, 35, 1247-1250. | 3.6 | 46 |
| 129 | Coreâ€“shell nanoarchitecture: a strategy to significantly enhance white-light upconversion of lanthanide-doped nanoparticles. Journal of Materials Chemistry C, 2013, 1, 4313. | 5.5 | 60 |
| 130 | Enhanced ~2Î¼m and upconversion emission from Hoâ€“Yb codoped oxyfluoride glass ceramics. Journal of Non-Crystalline Solids, 2013, 361, 13-16. | 3.1 | 36 |
| 131 | Mode-locked Nd: GdVO4 laser with graphene oxide/polyvinyl alcohol composite material absorber as well as an output coupler. Optics Communications, 2013, 289, 119-122. | 2.1 | 21 |
| 132 | Yb-doped passively mode-locked fiber laser based on a single wall carbon nanotubes wallpaper absorber. Optics and Laser Technology, 2013, 47, 144-147. | 4.6 | 19 |
| 133 | UV-curable liquid-core fiber lenses with controllable focal length. Optics Express, 2013, 21, 5505. | 3.4 | 3 |
| 134 | Compact broadband amplified spontaneous emission in Tm^3+-doped tungsten tellurite glass double-cladding single-mode fiber. Optical Materials Express, 2013, 3, 723. | 3.0 | 34 |
| 135 | Multi-walled carbon nanotube as a saturable absorber for a passively mode-locked Nd:YVO4laser. Laser Physics Letters, 2013, 10, 055805. | 1.4 | 16 |
| 136 | Reflective graphene oxide absorber for passively mode-locked laser operating at nearly 1 Î¼m. Chinese Physics B, 2013, 22, 094210. | 1.4 | 5 |
| 137 | Upconversion Luminescence of Tm3+/Yb3+ Codoped Oxyfluoride Glass Ceramics Containing Ba2YbF7 Nanocrystals. Integrated Ferroelectrics, 2013, 142, 31-36. | 0.7 | 5 |
| 138 | Narrow-Linewidth Tunable Lasers With Retro-Reflective External Cavity. IEEE Photonics Technology Letters, 2012, 24, 1591-1593. | 2.5 | 7 |
| 139 | Superbroadband near-IR photoluminescence from Pr^3+-doped fluorotellurite glasses. Optics Express, 2012, 20, 3803. | 3.4 | 81 |
| 140 | Superbroadband near-infrared emission and energy transfer in Pr^3+-Er^3+ codoped fluorotellurite glasses. Optics Express, 2012, 20, 12205. | 3.4 | 34 |
| 141 | All-Fiber Dissipative Solitons Evolution in a Compact Passively Yb-Doped Mode-Locked Fiber Laser. Journal of Lightwave Technology, 2012, 30, 2502-2507. | 4.6 | 45 |
| 142 | 20 W High-Power Picosecond Single-Walled Carbon Nanotube Based MOPA Laser System. Journal of Lightwave Technology, 2012, 30, 2713-2717. | 4.6 | 14 |
| 143 | Superbroadband NIR Photoluminescence in ${m Nd}^{3+}/{m Tm}^{3+}/{m Er}^{3+}$ Codoped Fluorotellurite Glasses. IEEE Photonics Technology Letters, 2012, 24, 924-926. | 2.5 | 11 |
| 144 | Graphene-Oxide-Based Q-Switched Fiber Laser with Stable Five-Wavelength Operation. Chinese Physics Letters, 2012, 29, 114206. | 3.3 | 24 |

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| 147 | Enhanced 2.0Î¼m emission and energy transfer in Yb3+/Ho3+/Ce3+ triply doped tellurite glass. Journal of Non-Crystalline Solids, 2012, 358, 1644-1648. | 3.1 | 34 |
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