

Mengli Liu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,138
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

758
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Tungsten disulfide saturable absorbers for 67 fs mode-locked erbium-doped fiber lasers. <i>Optics Express</i> , 2017, 25, 2950. | 3.4 | 214 |
| 2 | Analytic solutions for the generalized complex Ginzburg-Landau equation in fiber lasers. <i>Nonlinear Dynamics</i> , 2017, 89, 2933-2939. | 5.2 | 127 |
| 3 | Recent Advances of 2D Materials in Nonlinear Photonics and Fiber Lasers. <i>Advanced Optical Materials</i> , 2020, 8, 1901631. | 7.3 | 122 |
| 4 | Tungsten diselenide for all-fiber lasers with the chemical vapor deposition method. <i>Nanoscale</i> , 2018, 10, 7971-7977. | 5.6 | 94 |
| 5 | Ultrafast photonics of two dimensional AuTe ₂ Se _{4/3} in fiber lasers. <i>Communications Physics</i> , 2020, 3, . | 5.3 | 93 |
| 6 | Tungsten diselenide for mode-locked erbium-doped fiber lasers with short pulse duration. <i>Nanotechnology</i> , 2018, 29, 174002. | 2.6 | 81 |
| 7 | Effect of high-order dispersion on three-soliton interactions for the variable-coefficients Hirota equation. <i>Physical Review E</i> , 2017, 96, 042201. | 2.1 | 73 |
| 8 | Amplification, reshaping, fission and annihilation of optical solitons in dispersion-decreasing fiber. <i>Nonlinear Dynamics</i> , 2018, 92, 203-213. | 5.2 | 65 |
| 9 | Saturable absorption properties and femtosecond mode-locking application of titanium trisulfide. <i>Applied Physics Letters</i> , 2020, 116, . | 3.3 | 49 |
| 10 | Thickness-Dependent Ultrafast Photonics of SnS ₂ Nanolayers for Optimizing Fiber Lasers. <i>ACS Applied Nano Materials</i> , 2019, 2, 2697-2705. | 5.0 | 48 |
| 11 | Ultrashort pulse generation in mode-locked erbium-doped fiber lasers with tungsten disulfide saturable absorber. <i>Optics Communications</i> , 2018, 406, 72-75. | 2.1 | 39 |
| 12 | Optical properties and applications of SnS ₂ SAs with different thickness. <i>Opto-Electronic Advances</i> , 2021, 4, 200029-200029. | 13.3 | 35 |
| 13 | Some types of dark soliton interactions in inhomogeneous optical fibers. <i>Optical and Quantum Electronics</i> , 2018, 50, 1. | 3.3 | 31 |
| 14 | Yttrium oxide as a Q-switcher for the near-infrared erbium-doped fiber laser. <i>Nanophotonics</i> , 2020, 9, 2887-2894. | 6.0 | 17 |
| 15 | The SnSSe SA with high modulation depth for passively Q-switched fiber laser. <i>Nanophotonics</i> , 2020, 9, 2549-2555. | 6.0 | 15 |
| 16 | Application of transition metal dichalcogenides in mid-infrared fiber laser. <i>Nano Select</i> , 2021, 2, 37-46. | 3.7 | 13 |
| 17 | 164 fs mode-locked erbium-doped fiber laser based on tungsten ditelluride. <i>Nanophotonics</i> , 2020, 9, 2763-2769. | 6.0 | 10 |
| 18 | Inelastic interaction between dark solitons for fourth-order variable-coefficient nonlinear Schrödinger equation. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 762-767. | 1.6 | 1 |