

Lili Miao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1204050/lili-miao-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,417
citations

19
h-index

37
g-index

58
ext. papers

1,650
ext. citations

4.4
avg, IF

4.5
L-index

#	Paper	IF	Citations
54	Highly stable soliton and bound soliton generation from a fiber laser mode-locked by VSe nanosheets.. <i>Optics Express</i> , 2022 , 30, 6838-6845	3.3	2
53	Robust nanosecond laser passively Q-switched by tin selenide nanoflowers. <i>Optics Express</i> , 2021 , 29, 41388	3.3	1
52	Antimony Thin Film as a Robust Broadband Saturable Absorber. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021 , 27, 1-7	3.8	6
51	Watt-level superfluorescent fiber source near 3 μ m. <i>Optics Letters</i> , 2021 , 46, 2778-2781	3	1
50	Enhancement of Optical Nonlinearity in the Triangular Gold Nanoplates on Indium Tin Oxide. <i>IEEE Photonics Journal</i> , 2021 , 13, 1-8	1.8	0
49	Robust hybrid mode-locking operation with bulk-like transition metal pentatellurides. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 6445-6451	7.1	5
48	Layered Ta ₂ Ni ₅ S Q-Switcher for Mid-Infrared Fluoride Fiber Laser. <i>IEEE Photonics Journal</i> , 2021 , 13, 1-4	1.8	0
47	Nonlinear Optical Response in Natural van der Waals Heterostructures. <i>Advanced Optical Materials</i> , 2020 , 8, 2000382	8.1	11
46	Broadband spatial self-phase modulation and ultrafast response of MXene Ti ₃ C ₂ T _x (T=O, OH or F). <i>Nanophotonics</i> , 2020 , 9, 2415-2424	6.3	14
45	Broadband Passive Photonic Diodes With the Saturable Absorption in Antimony Thin Film. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-7	1.8	1
44	Broadband optical response of layered nickel ditelluride towards the mid-infrared regime. <i>Optical Materials Express</i> , 2020 , 10, 1335	2.6	3
43	Passive photonic diodes based on natural van der Waals heterostructures. <i>Nanophotonics</i> , 2020 , 10, 927-935	6.3	3
42	Ti ₂ CT _x MXene-based all-optical modulator. <i>Information Materials</i> , 2020 , 2, 601-609	23.1	28
41	Self-Defocusing of Light in Ethanol Around 1550 nm. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-8	1.8	2
40	Unleashing the potential of Ti ₂ CT _x MXene as a pulse modulator for mid-infrared fiber lasers. <i>2D Materials</i> , 2019 , 6, 045038	5.9	54
39	Broadband Nonlinear Optical Response of Single-Crystalline Bismuth Thin Film. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 35863-35870	9.5	11
38	Understanding the enhancement of responsivity in perovskite/organic semiconductor bilayer-structured photodetectors. <i>Organic Electronics</i> , 2019 , 75, 105372	3.5	10

37	Third-order nonlinear optical response of Yb:YAG ceramics under femtosecond laser irradiation. <i>Optical Materials</i> , 2019 , 98, 109435	3.3	1
36	Bulk-structured PtSe for femtosecond fiber laser mode-locking. <i>Optics Express</i> , 2019 , 27, 2604-2611	3.3	25
35	Highly stable femtosecond pulse generation from a MXene Ti3C2Tx (T = F, O, or OH) mode-locked fiber laser. <i>Photonics Research</i> , 2019 , 7, 260	6	70
34	Broadband mid-infrared nonlinear optical modulator enabled by gold nanorods: towards the mid-infrared regime. <i>Photonics Research</i> , 2019 , 7, 699	6	12
33	Tunable Schottky barrier width and enormously enhanced photoresponsivity in Sb doped SnS2 monolayer. <i>Nano Research</i> , 2019 , 12, 463-468	10	50
32	High-performance asymmetric electrodes photodiode based on Sb/WSe2 heterostructure. <i>Nano Research</i> , 2019 , 12, 339-344	10	25
31	Erbium-Doped Fiber Laser Mode-Locked by Halide Perovskite via Evanescent Field Interaction. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 577-580	2.2	13
30	Bismuth Telluride nanocrystal: broadband nonlinear response and its application in ultrafast photonics. <i>Scientific Reports</i> , 2018 , 8, 2355	4.9	12
29	Dual-Wavelength Nanosecond Nd:YVO4 Laser With Switchable Inhomogeneous Polarization Output. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018 , 24, 1-5	3.8	0
28	Few-layer rhenium diselenide: an ambient-stable nonlinear optical modulator. <i>Optical Materials Express</i> , 2018 , 8, 926	2.6	32
27	Gold nanostars as a Q-switcher for the mid-infrared erbium-doped fluoride fiber laser. <i>Optics Letters</i> , 2018 , 43, 5459-5462	3	17
26	Modelling the broadband mid-infrared dispersion compensator with hybrid silicon and lithium niobate nanowire. <i>OSA Continuum</i> , 2018 , 1, 736	1.4	
25	Stable Dissipative Soliton Generation From Yb-Doped Fiber Laser Modulated via Evanescent Field Interaction With Gold Nanorods. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-8	1.8	4
24	Two-dimensional plumbum-doped tin diselenide monolayer transistor with high on/off ratio. <i>Nanotechnology</i> , 2018 , 29, 474002	3.4	22
23	Bilayer Bismuth Selenide nanoplatelets based saturable absorber for ultra-short pulse generation (Invited). <i>Optics Communications</i> , 2017 , 395, 55-60	2	21
22	Graphene Q-Switched Vectorial Fiber Laser With Switchable Polarized Output. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017 , 23, 26-32	3.8	14
21	Ultrafast pulse generation from erbium-doped fiber laser modulated by hybrid organic-inorganic halide perovskites. <i>Applied Physics Letters</i> , 2017 , 110, 161111	3.4	23
20	Ultrafast nonlinear optical response in solution dispersions of black phosphorus. <i>Scientific Reports</i> , 2017 , 7, 3352	4.9	19

19	Recent advances in black phosphorus-based photonics, electronics, sensors and energy devices. <i>Materials Horizons</i> , 2017 , 4, 997-1019	14.4	250
18	Tunable Gold Nanorods Q-Switcher for Pulsed Er-Doped Fiber Laser. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-9	1.8	10
17	Passively Q-switched vectorial fiber laser modulated by hybrid organic/inorganic perovskites. <i>Optical Materials Express</i> , 2017 , 7, 1220	2.6	11
16	Third-order nonlinear optical response of CH ₃ NH ₃ PbI ₃ perovskite in the mid-infrared regime. <i>Optical Materials Express</i> , 2017 , 7, 3894	2.6	44
15	Modeling the Broadband Mid-Infrared Dispersion Compensator Based on ZBLAN Microfiber. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 728-731	2.2	5
14	Nonlinear optical responses of erbium-doped YAG ceramics. <i>Optical Materials</i> , 2016 , 57, 231-235	3.3	1
13	2.8- μm Pulsed Er ³⁺ : ZBLAN Fiber Laser Modulated by Topological Insulator. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 1573-1576	2.2	55
12	Broadband third order nonlinear optical responses of bismuth telluride nanosheets. <i>Optical Materials Express</i> , 2016 , 6, 2244	2.6	40
11	Propagation Characteristics of Anisotropic a-Axis Hollow Lithium Niobate Nanowire. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4028-4035	4	
10	Drop-Casted Self-Assembled Topological Insulator Membrane as an Effective Saturable Absorber for Ultrafast Laser Photonics. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-11	1.8	7
9	Wide spectral and wavelength-tunable dissipative soliton fiber laser with topological insulator nano-sheets self-assembly films sandwiched by PMMA polymer. <i>Optics Express</i> , 2015 , 23, 7681-93	3.3	96
8	Broadband ultrafast nonlinear optical response of few-layers graphene: toward the mid-infrared regime. <i>Photonics Research</i> , 2015 , 3, 214	6	74
7	Duration Switchable High-Energy Passively Mode-Locked Raman Fiber Laser Based on Nonlinear Polarization Evolution. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-7	1.8	2
6	Tailoring the dispersion behavior of optical nanowires with intercore-cladding lithium niobate thin film. <i>Optics Express</i> , 2015 , 23, 27085-93	3.3	2
5	Broadband and enhanced nonlinear optical response of MoS ₂ /graphene nanocomposites for ultrafast photonics applications. <i>Scientific Reports</i> , 2015 , 5, 16372	4.9	147
4	Broadband ultrafast spatial self-phase modulation for topological insulator Bi ₂ Te ₃ dispersions. <i>Applied Physics Letters</i> , 2015 , 107, 151101	3.4	64
3	Enhancing the saturable absorption and carrier dynamics of graphene with plasmonic nanowires. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2159-2166	1.3	14
2	Few-Layer Topological Insulator for All-Optical Signal Processing Using the Nonlinear Kerr Effect. <i>Advanced Optical Materials</i> , 2015 , 3, 1769-1778	8.1	76

- 1 All-Optical Signal Processing: Few-Layer Topological Insulator for All-Optical Signal Processing Using the Nonlinear Kerr Effect (Advanced Optical Materials 12/2015). *Advanced Optical Materials*, **2015**, 3, 1768-1768 8.1 3