

Chi Pang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

338
citations

933447

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794594

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times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Faraday Rotation Based on Localized Surface Plasmon Enhancement of Embedded Metallic Nanoparticles in Glass. <i>Small Science</i> , 2022, 2, .	9.9	8
2	Near-Infrared All-Optical Switching Based on Nano/Micro Optical Structures in YVO ₄ Matrix: Embedded Plasmonic Nanoparticles and Laser-Written Waveguides. <i>Advanced Photonics Research</i> , 2021, 2, 2000064.	3.6	6
3	Q-switched mode-locked laser generation by Au nanoparticles embedded in LiTaO ₃ crystals. <i>Optical Materials</i> , 2021, 122, 111714.	3.6	2
4	Plasmonic core-shell nano-heterostructures with temperature-dependent optical nonlinearity. <i>Nanoscale</i> , 2020, 12, 22995-23002.	5.6	6
5	Optical Nonlinearity: A Novel Hierarchical Nanostructure for Enhanced Optical Nonlinearity Based on Scattering Mechanism (Small 39/2020). <i>Small</i> , 2020, 16, 2070217.	10.0	0
6	Efficient Modulation of Photonic Bandgap and Defect Modes in All-Dielectric Photonic Crystals by Energetic Ion Beams. <i>Advanced Optical Materials</i> , 2020, 8, 2000426.	7.3	22
7	A Novel Hierarchical Nanostructure for Enhanced Optical Nonlinearity Based on Scattering Mechanism. <i>Small</i> , 2020, 16, 2003172.	10.0	8
8	Plasmonic Nanoparticles in Dielectrics Synthesized by Ion Beams: Optical Properties and Photonic Applications. <i>Advanced Optical Materials</i> , 2020, 8, 1902087.	7.3	40
9	Matrix-material dependence on the elongation of embedded gold nanoparticles induced by 4 MeV C ₆₀ and 200 MeV Xe ion irradiation. <i>Nanotechnology</i> , 2020, 31, 265606.	2.6	6
10	Fused Silica with Embedded 2D-Like Ag Nanoparticle Monolayer: Tunable Saturable Absorbers by Interparticle Spacing Manipulation. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900302.	8.7	30
11	Low-dimensional materials as saturable absorbers for pulsed waveguide lasers. <i>JPhys Photonics</i> , 2020, 2, 031001.	4.6	6
12	Ultrafast Saturable Absorbers: Fused Silica with Embedded 2D-Like Ag Nanoparticle Monolayer: Tunable Saturable Absorbers by Interparticle Spacing Manipulation (<i>Laser Photonics Rev.</i> 14(2)/2020). <i>Laser and Photonics Reviews</i> , 2020, 14, 2070014.	8.7	3
13	Monolithic waveguide laser mode-locked by embedded Ag nanoparticles operating at 1 μ m. <i>Nanophotonics</i> , 2019, 8, 859-868.	6.0	26
14	Copper Nanoparticles Embedded in Lithium Tantalate Crystals for Multi-GHz Lasers. <i>ACS Applied Nano Materials</i> , 2019, 2, 5871-5877.	5.0	15
15	WS ₂ -based Q-switched laser generation from Nd:YAG ridge waveguides fabricated by combination of swift heavy ion irradiation and laser ablation. <i>Optical Materials</i> , 2019, 92, 163-166.	3.6	4
16	Plasmonic Ag nanoparticles embedded in lithium tantalate crystal for ultrafast laser generation. <i>Nanotechnology</i> , 2019, 30, 334001.	2.6	14
17	88 GHz Q-switched mode-locked waveguide lasers modulated by PtSe ₂ saturable absorber. <i>Optics Express</i> , 2019, 27, 8727.	3.4	58
18	86...GHz Q-switched mode-locked waveguide lasing based on LiNbO ₃ crystal embedded Cu nanoparticles. <i>Optical Materials Express</i> , 2019, 9, 3808.	3.0	14

#	ARTICLE	IF	CITATIONS
19	Mode-Locked Lasers: Lithium Niobate Crystal with Embedded Au Nanoparticles: A New Saturable Absorber for Efficient Mode-Locking of Ultrafast Laser Pulses at 1 μm (Advanced Optical Materials) Tj ETQq1 1 0.784314 rgbT /Overfoc	7.3	41
20	Ag nanoparticles embedded in Nd:YAG crystals irradiated with tilted beam of 200 MeV Xe ions: optical dichroism correlated to particle reshaping. Nanotechnology, 2018, 29, 424001.	2.6	5
21	Lithium Niobate Crystal with Embedded Au Nanoparticles: A New Saturable Absorber for Efficient Mode-Locking of Ultrafast Laser Pulses at 1 μm . Advanced Optical Materials, 2018, 6, 1800357.	7.3	41
22	Tailoring optical nonlinearities of LiNbO_3 crystals by plasmonic silver nanoparticles for broadband saturable absorbers. Optics Express, 2018, 26, 31276.	3.4	23