Yufeng Peng

List of Publications by Year in descending order

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Version: 2024-02-01

29	240	933264 10	996849 15
papers	citations	h-index	g-index

29	29	29	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical flexibility and strain engineered-band structures of monolayer Bi2O2Se. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 116, 113728.	1.3	10
2	Electronic structures and transport properties of the Bi2O2Se nanoribbons with different edge passivation types. Computational Materials Science, 2020, 174, 109508.	1.4	2
3	Microfluidic Flexible Substrate Integrated Microstrip Antenna Sensor for Sensing of Moisture Content in Lubricating Oil. International Journal of Antennas and Propagation, 2020, 2020, 1-9.	0.7	13
4	Research on the Promotion Performance of Optical Film in Marine Lidar System. Journal of Coastal Research, 2020, 109, .	0.1	0
5	Wideband Bandpass Filter with Controllable Bandwidth and High Selectivity Using Dual-behavior Resonators and Coupled Lines. , 2019, , .		0
6	Design of a Microstrip Patch Antenna for Wireless Liquid Sensor. , 2019, , .		3
7	Frequency dependence of dielectric characteristics of seawater ionic solution under static magnetic field. International Journal of Modern Physics B, 2017, 31, 1750169.	1.0	2
8	First-principles study of the electronic structure and thermoelectric properties of LaOBiCh₂ (Ch=S, Se). Modern Physics Letters B, 2017, 31, 1750265.	1.0	8
9	Nonlinear Optical Properties of Sodium Copper Chlorophyllin in Aqueous Solution. Journal of Applied Biomaterials and Functional Materials, 2017, 15, 19-24.	0.7	2
10	Effect of magnetic field on optical features of water and KCl solutions. Optik, 2016, 127, 6371-6376.	1.4	22
11	Negative Absorption Peaks in Ultravioletâ€“Visible Spectrum of Water. ChemistrySelect, 2016, 1, 3443-3448.	0.7	13
12	Frequency Dependence of Conductivity Characteristics of Seawater Ionic Solution under Magnetic Field. MATEC Web of Conferences, 2016, 67, 02021.	0.1	3
13	Light-scattering characteristics of hydrated ions in dilute solutions of major sea salts. Optik, 2016, 127, 1455-1459.	1.4	15
14	Evolution characteristics of shock pressure wave on the copper target irradiated by far-field laser beams. Ukrainian Journal of Physical Optics, 2016, 17, 81.	9.7	0
15	Transmission characteristics of a Raman-amplified atomic optical filter in rubidium at 780â€‰â€‰nm. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2014, 81, 174.	0.2	3
16	Molecular dynamics simulations of the melting curve of NiAl alloy under pressure. AIP Advances, 2014, 4, .	0.6	18
17	Influence of thermal deformations of resonators on propagation properties of laser annular beams through turbulent atmosphere. Optics and Laser Technology, 2013, 45, 272-277.	2.2	4
18	Analyses on spectrum characteristics of Si/Ag/Si nano-composite films based on surface plasmons. , 2011, , .		0

#	Article	IF	Citations
19	Analyses of transmission characteristics of Rb, 85Rb and 87Rb Faraday optical filters at 532nm. Optics Communications, 2009, 282, 236-241.	1.0	9
20	Propagation offset characteristics of annular laser beams from confocal unstable resonators through the natural atmosphere. Optics Communications, 2008, 281, 705-717.	1.0	14
21	Focal shift and focal switch of partially polarized Gaussian Schell-model beams passing through a system with the aperture and spherically aberrated lens separated. Optics and Laser Technology, 2007, 39, 1339-1345.	2.2	7
22	Characteristics of thermal distortions of the laser mirror substrates filled with phase-change materials. Optics and Laser Technology, 2006, 38, 594-598.	2.2	5
23	Influence of thermal deformations of the output windows of high-power laser systems on beam characteristics. Applied Optics, 2004, 43, 6465.	2.1	19
24	Theoretical and experimental investigation of aerodynamic window for high-power laser. , 2002, 4644, 339.		0
25	Temperature distributions and thermal deformations of mirror substrates in laser resonators. Applied Optics, 2001, 40, 4824.	2.1	23
26	Laser-induced temperature distributions and thermal deformations in sapphire, silicon, and calcium fluoride substrates at 1.315 Î¼m. Optical Engineering, 2001, 40, 2822.	0.5	15
27	Transmission characteristics of an excited-state Faraday optical filter at 532 nm. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 5123-5129.	0.6	9
28	Rb 780 nm Faraday anomalous dispersion optical filter in a strong magnetic field. Optics Communications, 1993, 101, 175-178.	1.0	21
29	Frequency tracking and locking of diode laser using transmission spectrum of a Faraday anomalous-dispersion optical filter. , 1993, 1979, 380.		0