

Blinglin Shen

List of Publications by Year in descending order

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30
papers

285
citations

933447

10
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940533

16
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30
all docs

30
docs citations

30
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Stimulated Raman Scattering Microscopy Techniques and Applications in the Biosciences. <i>Advanced Biology</i> , 2021, 5, e2000184.	2.5	45
2	Label-free whole-colony imaging and metabolic analysis of metastatic pancreatic cancer by an autoregulating flexible optical system. <i>Theranostics</i> , 2020, 10, 1849-1860.	10.0	30
3	Deep learning autofluorescence-harmonic microscopy. <i>Light: Science and Applications</i> , 2022, 11, 76.	16.6	27
4	Fluorescence enhancement of small squaraine dye and its two-photon excited fluorescence in long-term near-infrared bioimaging. <i>Optics Express</i> , 2019, 27, 12360.	3.4	23
5	Kinetic and fluid dynamic modeling, numerical approaches of flowing-gas diode-pumped alkali vapor amplifiers. <i>Optics Express</i> , 2015, 23, 19500.	3.4	20
6	Super-resolution Multiplex Nonlinear Optical Imaging Unscrambles the Statistical Complexity of Cancer Subtypes and Tumor Microenvironment. <i>Advanced Science</i> , 2022, 9, e2104379.	11.2	13
7	Modeling of a diode four-side symmetrically pumped alkali vapor amplifier. <i>Optics Express</i> , 2015, 23, 5941.	3.4	12
8	Implementation and application of FRET-FLIM technology. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, 1930010.	1.0	11
9	Monitoring the endocytosis of bovine serum albumin based on the fluorescence lifetime of small squaraine dye in living cells. <i>Biomedical Optics Express</i> , 2020, 11, 149.	2.9	11
10	Nonlinear Spectral Imaging Study of Second- and Third-Harmonic Enhancements by Surface Lattice Resonances. <i>Advanced Optical Materials</i> , 2020, 8, 1901981.	7.3	10
11	Thermal Effects of High-Power Side-Pumped Alkali Vapor Lasers and the Compensation Method. <i>IEEE Journal of Quantum Electronics</i> , 2014, 50, 1029-1034.	1.9	9
12	Fast denoising and lossless spectrum extraction in stimulated Raman scattering microscopy. <i>Journal of Biophotonics</i> , 2021, 14, e202100080.	2.3	9
13	Modeling of Kinetic and Thermodynamic Processes in a Flowing Exciplex Pumped Alkali Vapor Laser. <i>IEEE Journal of Quantum Electronics</i> , 2017, 53, 1-7.	1.9	7
14	Theoretical investigation on exciplex pumped alkali vapor lasers with sonic-level gas flow. <i>Journal of Applied Physics</i> , 2017, 122, 023304.	2.5	7
15	Modeling of the static and flowing-gas ring-LD side-pumped alkali vapor amplifiers. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	5
16	Modeling of time evolution of power and temperature in single-pulse and multi-pulses diode-pumped alkali vapor lasers. <i>Optics Express</i> , 2017, 25, 13396.	3.4	5
17	Simulation and analysis of the time evolution of laser power and temperature in static pulsed XPALs. <i>High Power Laser Science and Engineering</i> , 2019, 7, .	4.6	5
18	Theoretical analysis of the semi-ring and trapezoid LD side-pumped alkali vapor lasers. <i>Optics Communications</i> , 2016, 380, 28-34.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Computation of three-dimensional temperature distribution in diode-pumped alkali vapor amplifiers. Optics Communications, 2016, 368, 43-48.	2.1	4
20	Modeling of a diode four-side pumped cesium vapor laser amplifier with flowing medium. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	4
21	Modeling of Steady-State Temperature Distribution in Diode-Pumped Alkali Vapor Lasers: Analysis of the Experimental Results. IEEE Journal of Quantum Electronics, 2017, 53, 1-7.	1.9	4
22	Definition and analysis of the lineshape matching coefficient in diode-pumped alkali vapor lasers. Applied Physics B: Lasers and Optics, 2014, 117, 817-822.	2.2	3
23	Detailed computation on exciplex pumped alkali vapor laser with supersonic flow. Optics Express, 2017, 25, 32745.	3.4	3
24	Investigation of pump-to-seed beam matching on output features of Rb and Cs vapor laser amplifiers. Optics and Laser Technology, 2018, 101, 183-188.	4.6	3
25	In vivo two-photon fluorescence lifetime imaging microendoscopy based on fiber-bundle. Optics Letters, 2022, 47, 2137-2140.	3.3	3
26	Three-dimensional kinetic and fluid dynamic modeling and three iterative algorithms for side-pumped alkali vapor lasers. Optics Communications, 2017, 402, 593-599.	2.1	2
27	Four-Photon Absorption Properties of Mn-Doped ZnSe Quantum Dots. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	2
28	Rapid and Targeted Photoactivation of Ca ²⁺ Channels Mediated by Squaraine To Regulate Intracellular and Intercellular Signaling Processes. Analytical Chemistry, 2020, 92, 8497-8505.	6.5	2
29	Quantitative analysis of DNA-Dox diffusion kinetics in a microfluidic device using the fluorescence lifetime imaging microscopy method. Applied Physics Express, 2020, 13, 112005.	2.4	2
30	Picosecond evolution of pulsed and CW alkali vapor lasers: laser oscillation buildup. Optics Express, 2020, 28, 19482.	3.4	0