Baoshan Guo

List of Publications by Year
in descending order

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25	518	840776	752698
papers	citations	11	20
		h-index	g-index

26	26	26	680
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Near-field strong plasmonic resonances in Bi1.5Sb0.5Te1.8Se1.2 topological insulator film. European Physical Journal Plus, 2022, 137, 1.	2.6	0
2	Surface wave manipulation by plasmonic metasurface based on mode resonance. Scientific Reports, 2021, 11, 3313.	3.3	3
3	Throughput Improvement in Femtosecond Laser Ablation of Nickel by Double Pulses. Materials, 2021, 14, 6355.	2.9	4
4	Optical Methods for in-Process Monitoring of Laser-Matter Interactions. , 2021, , 1927-1977.		0
5	Effects of Flowâ€Induced Microfluidic Chip Wall Deformation on Imaging Flow Cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 909-920.	1.5	20
6	Femtosecond Laser Micro/Nano-manufacturing: Theories, Measurements, Methods, and Applications. Nanomanufacturing and Metrology, 2020, 3, 26-67.	3.0	48
7	Deep subwavelength manipulation of THz waves by plasmonic surface. Journal of Physics Communications, 2020, 4, 105014.	1.2	1
8	Ultrafast dynamics observation during femtosecond laser-material interaction. International Journal of Extreme Manufacturing, 2019, 1, 032004.	12.7	63
9	Flowing cells stability test and evaluation for fast flow cytometry. Journal of Optics (India), 2019, 48, 54-59.	1.7	0
10	Beam Manipulation Mechanisms of Dielectric Metasurfaces. ACS Omega, 2019, 4, 7467-7473.	3.5	4
11	Revealing the Truth About â€œTrapped Rainbowâ€•Storage of Terahertz Waves in Plasmonic Grating. Plasmonics, 2018, 13, 933-938.	3.4	5
12	Optofluidic time-stretch quantitative phase microscopy. Methods, 2018, 136, 116-125.	3.8	35
13	Terahertz wave manipulation through coupling of spoof plasmonics and Fabryâ€“Perot resonance. Journal Physics D: Applied Physics, 2018, 51, 405101.	2.8	3
14	Broadband plasmonic-enhanced forward and backward multiplex coherent anti-Stokes Raman scattering microscopy. Optical Engineering, 2018, 57, 1.	1.0	0
15	Highâ€throughput, labelâ€free, singleâ€cell, microalgal lipid screening by machineâ€learningâ€equipped optofluidic timeâ€stretch quantitative phase microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 494-502.	1.5	60
16	Label-free detection of cellular drug responses by high-throughput bright-field imaging and machine learning. Scientific Reports, 2017, 7, 12454.	3.3	78
17	GHz Optical Time-Stretch Microscopy by Compressive Sensing. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	12
18	High-throughput, label-free, multivariate cell analysis with optofluidic time-stretch microscopy. , 2017, , .		2

#	Article	IF	Citations
19	Optical time-stretch imaging: Principles and applications. Applied Physics Reviews, 2016, 3, 011102.	11.3	93
20	Slowing and trapping THz waves system based on plasmonic graded period grating. Journal of Optics (India), 2016, 45, 50-57.	1.7	6
21	High-Throughput Accurate Single-Cell Screening of Euglena gracilis with Fluorescence-Assisted Optofluidic Time-Stretch Microscopy. PLoS ONE, 2016, 11, e0166214.	2.5	23
22	Real propagation speed of the ultraslow plasmonic THz waveguide. Applied Physics B: Lasers and Optics, 2014, 114, 503-507.	2.2	3
23	Resonant Enhanced Wave Filter and Waveguide via Surface Plasmons. IEEE Nanotechnology Magazine, 2009, 8, 408-411.	2.0	11
24	Numerical study of sub-wavelength plasmonic waveguide. Optics Communications, 2008, 281, 1123-1128.	2.1	14
25	Plasmonic very-small-aperture lasers. Applied Physics Letters, 2007, 91, 021103.	3.3	30