

Chen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

599
citations

687363

13
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimally invasive microendoscopy system for in vivo functional imaging of deep nuclei in the mouse brain. <i>Biomedical Optics Express</i> , 2015, 6, 4546.	2.9	103
2	Direct fabrication of homogeneous microfluidic channels embedded in fused silica using a femtosecond laser. <i>Optics Letters</i> , 2010, 35, 282.	3.3	75
3	Characterization and improvement of three-dimensional imaging performance of GRIN-lens-based two-photon fluorescence endomicroscopes with adaptive optics. <i>Optics Express</i> , 2013, 21, 27142.	3.4	72
4	Infrared luminescence properties of bismuth-doped barium silicate glasses. <i>Journal of Materials Research</i> , 2007, 22, 1954-1958.	2.6	56
5	Pupil-segmentation-based adaptive optical correction of a high-numerical-aperture gradient refractive index lens for two-photon fluorescence endoscopy. <i>Optics Letters</i> , 2012, 37, 2001.	3.3	53
6	Two-photon fluorescence excitation with a microlens fabricated on the fused silica chip by femtosecond laser micromachining. <i>Applied Physics Letters</i> , 2010, 96, 041108.	3.3	44
7	Femtosecond filamentation and supercontinuum generation in silver-nanoparticle-doped water. <i>Applied Physics Letters</i> , 2007, 90, 181119.	3.3	36
8	A microfluidic chip integrated with a microoptical lens fabricated by femtosecond laser micromachining. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 179-183.	2.3	25
9	Detection of constitutive heterodimerization of the integrin Mac-1 subunits by fluorescence resonance energy transfer in living cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 986-991.	2.1	22
10	MicroRNA-22 Inhibits the Apoptosis of Vascular Smooth Muscle Cell by Targeting p38MAPK $\hat{\pm}$ in Vascular Remodeling of Aortic Dissection. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 1051-1062.	5.1	19
11	Comparative analysis on PMSM control system based on SPWM and SVPWM. , 2016, , .		17
12	Fabrication of a micro-optical lens using femtosecond laser 3D micromachining for two-photon imaging of bio-tissues. <i>Optics Communications</i> , 2011, 284, 2988-2991.	2.1	16
13	Reduced deep-tissue image degradation in three-dimensional multiphoton microscopy with concentric two-color two-photon fluorescence excitation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, 976.	2.1	14
14	Fine control of multiple femtosecond filamentation using a combination of phase plates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 215404.	1.5	14
15	Detection of constitutive homomeric associations of the integrins Mac-1 subunits by fluorescence resonance energy transfer in living cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 847-852.	2.1	10
16	Measurement of two-photon excitation cross-section of a new symmetric-type fluorene derivative. <i>Optik</i> , 2005, 116, 75-79.	2.9	7
17	Heterodimerization of integrin Mac-1 subunits studied by single-molecule imaging. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 882-886.	2.1	7
18	Detection of Homo- or Hetero-Association of Doks by Fluorescence Resonance Energy Transfer in Living Cells. <i>Molecular Imaging and Biology</i> , 2009, 11, 188-194.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Two-color two-photon excitation of indole using a femtosecond laser regenerative amplifier. Optics Communications, 2009, 282, 1056-1061.	2.1	4
20	Optical microscopy with nanometer resolution for single molecule detection. Proceedings of SPIE, 2007, , .	0.8	0
21	Photoactivated Green Fluorescence Emission by Femtosecond Oscillator from Indole Solutions. Journal of Fluorescence, 2011, 21, 2185-2191.	2.5	0
22	Monte Carlo Simulation of Image Depth Improvement by Two-color Two-photon Fluorescence Microscopy. The Review of Laser Engineering, 2008, 36, 1343-1346.	0.0	0