Chen Wang

List of Publications by Year
in descending order

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	MicroRNA-22 Inhibits the Apoptosis of Vascular Smooth Muscle Cell by Targeting p38MAPKÎ± in Vascular Remodeling of Aortic Dissection. Molecular Therapy - Nucleic Acids, 2020, 22, 1051-1062.	5.1	19
2	Comparative analysis on PMSM control system based on SPWM and SVPWM. , 2016, , .		17
3	Minimally invasive microendoscopy system for in vivo functional imaging of deep nuclei in the mouse brain. Biomedical Optics Express, 2015, 6, 4546.	2.9	103
4	Characterization and improvement of three-dimensional imaging performance of GRIN-lens-based two-photon fluorescence endomicroscopes with adaptive optics. Optics Express, 2013, 21, 27142.	3.4	72
5	Pupil-segmentation-based adaptive optical correction of a high-numerical-aperture gradient refractive index lens for two-photon fluorescence endoscopy. Optics Letters, 2012, 37, 2001.	3.3	53
6	Fine control of multiple femtosecond filamentation using a combination of phase plates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 215404.	1.5	14
7	Photoactivated Green Fluorescence Emission by Femtosecond Oscillator from Indole Solutions. Journal of Fluorescence, 2011, 21, 2185-2191.	2.5	0
8	A microfluidic chip integrated with a microoptical lens fabricated by femtosecond laser micromachining. Applied Physics A: Materials Science and Processing, 2011, 102, 179-183.	2.3	25
9	Fabrication of a micro-optical lens using femtosecond laser 3D micromachining for two-photon imaging of bio-tissues. Optics Communications, 2011, 284, 2988-2991.	2.1	16
10	Direct fabrication of homogeneous microfluidic channels embedded in fused silica using a femtosecond laser. Optics Letters, 2010, 35, 282.	3.3	75
11	Two-photon fluorescence excitation with a microlens fabricated on the fused silica chip by femtosecond laser micromachining. Applied Physics Letters, 2010, 96, 041108.	3.3	44
12	Detection of Homo- or Hetero-Association of Doks by Fluorescence Resonance Energy Transfer in Living Cells. Molecular Imaging and Biology, 2009, 11, 188-194.	2.6	5
13	Two-color two-photon excitation of indole using a femtosecond laser regenerative amplifier. Optics Communications, 2009, 282, 1056-1061.	2.1	4
14	Reduced deep-tissue image degradation in three-dimensional multiphoton microscopy with concentric two-color two-photon fluorescence excitation. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 976.	2.1	14
15	Heterodimerization of integrin Mac-1 subunits studied by single-molecule imaging. Biochemical and Biophysical Research Communications, 2008, 368, 882-886.	2.1	7
16	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
17	Femtosecond filamentation and supercontinuum generation in silver-nanoparticle-doped water. Applied Physics Letters, 2007, 90, 181119.	3.3	36
18	Optical microscopy with nanometer resolution for single molecule detection. Proceedings of SPIE, 2007, , .	0.8	0

#	Article	IF	Citations
19	Infrared luminescence properties of bismuth-doped barium silicate glasses. Journal of Materials Research, 2007, 22, 1954-1958.	2.6	56
20	Detection of constitutive heterodimerization of the integrin Mac-1 subunits by fluorescence resonance energy transfer in living cells. Biochemical and Biophysical Research Communications, 2006, 346, 986-991.	2.1	22
21	Detection of constitutive homomeric associations of the integrins Mac-1 subunits by fluorescence resonance energy transfer in living cells. Biochemical and Biophysical Research Communications, 2006, 351, 847-852.	2.1	10
22	Measurement of two-photon excitation cross-section of a new symmetric-type fluorene derivative. Optik, 2005, 116, 75-79.	2.9	7