

Chia-Pin Liang

List of Publications by Year in descending order

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16
papers

334
citations

1040056

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h-index

1281871

11
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16
all docs

16
docs citations

16
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a discretely actuated steerable cannula for diagnostic and therapeutic procedures. International Journal of Robotics Research, 2012, 31, 588-603.	8.5	89
2	A forward-imaging needle-type OCT probe for image guided stereotactic procedures. Optics Express, 2011, 19, 26283.	3.4	70
3	Review of advanced imaging techniques. Journal of Pathology Informatics, 2012, 3, 22.	1.7	33
4	Quantitative single-mode fiber based PS-OCT with single input polarization state using Mueller matrix. Biomedical Optics Express, 2015, 6, 1828.	2.9	27
5	In Vivo Voltage-Sensitive Dye Imaging of Subcortical Brain Function. Scientific Reports, 2015, 5, 17325.	3.3	25
6	Real-time epidural anesthesia guidance using optical coherence tomography needle probe. Quantitative Imaging in Medicine and Surgery, 2015, 5, 118-24.	2.0	20
7	Real-time monitoring of hemodynamic changes in tumor vessels during photoimmunotherapy using optical coherence tomography. Journal of Biomedical Optics, 2014, 19, 098004.	2.6	18
8	Technology developments and biomedical applications of polarization-sensitive optical coherence tomography. Frontiers of Optoelectronics, 2015, 8, 128-140.	3.7	15
9	Real-time Epidural Anesthesia Guidance Using Optical Coherence Tomography Needle Probe. , 2014, , .		14
10	Coherence-gated Doppler: a fiber sensor for precise localization of blood flow. Biomedical Optics Express, 2013, 4, 760.	2.9	9
11	Imaging Spinal Structures With Polarization-Sensitive Optical Coherence Tomography. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	9
12	Concurrent multiscale imaging with magnetic resonance imaging and optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 1.	2.6	5
13	Concurrent Multi-scale Imaging: Optical Coherence Tomography under MRI Guidance for Neurosurgery. , 2013, , .		0
14	Surgical Navigation Probe Utilizing Optical Coherence Tomography and Laser Doppler. , 2014, , .		0
15	Minimally-invasive optical imaging for surgical guidance and neuroscience research. , 2014, , .		0
16	Minimally-Invasive Optical Platform for Surgical Guidance and Neuroscience Research. , 2014, , .		0