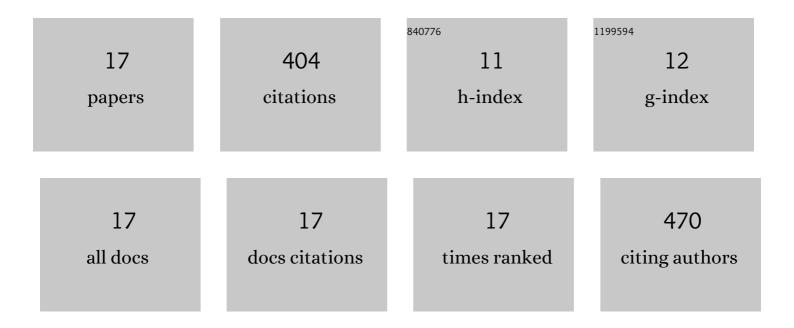
Lei Shi

List of Publications by Year in descending order

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LEI SHI

#	Article	IF	CITATIONS
1	A sub-nanometric three-axis surface encoder with short-period planar gratings for stage motion measurement. Precision Engineering, 2012, 36, 576-585.	3.4	104
2	Impaired Leptomeningeal Collateral Flow Contributes to the Poor Outcome following Experimental Stroke in the Type 2 Diabetic Mice. Journal of Neuroscience, 2015, 35, 3851-3864.	3.6	54
3	Capillary blood flow imaging within human finger cuticle using optical microangiography. Journal of Biophotonics, 2015, 8, 46-51.	2.3	47
4	Wide velocity range Doppler optical microangiography using optimized step-scanning protocol with phase variance mask. Journal of Biomedical Optics, 2013, 18, 106015.	2.6	37
5	Fast synchronized dual-wavelength laser speckle imaging system for monitoring hemodynamic changes in a stroke mouse model. Optics Letters, 2012, 37, 4005.	3.3	31
6	Fabrication of optical mosaic gratings with phase and attitude adjustments employing latent fringes and a red-wavelength dual-beam interferometer. Optics Express, 2009, 17, 21530.	3.4	29
7	Macro-to-micro cortical vascular imaging underlies regional differences in ischemic brain. Scientific Reports, 2015, 5, 10051.	3.3	26
8	Differential Ubiquitin Binding by the Acidic Loops of Ube2g1 and Ube2r1 Enzymes Distinguishes Their Lys-48-ubiquitylation Activities. Journal of Biological Chemistry, 2015, 290, 2251-2263.	3.4	22
9	Monitoring Hypoxia Induced Changes in Cochlear Blood Flow and Hemoglobin Concentration Using a Combined Dual-Wavelength Laser Speckle Contrast Imaging and Doppler Optical Microangiography System. PLoS ONE, 2012, 7, e52041.	2.5	18
10	Multimodal optical imaging can reveal changes in microcirculation and tissue oxygenation during skin wound healing. Lasers in Surgery and Medicine, 2014, 46, 470-478.	2.1	16
11	Fabrication of optical mosaic gratings: a self-referencing alignment method. Optics Express, 2011, 19, 8985.	3.4	13
12	Functional evaluation of hemodynamic response during neural activation using optical microangiography integrated with dual-wavelength laser speckle imaging. Journal of Biomedical Optics, 2014, 19, 026013.	2.6	4
13	Fabrication of optical mosaic gratings by consecutive holographic exposures employing a latent-fringe based alignment technique. , 2010, , .		2
14	Variable-range Doppler optical microangiography using stabilized step scanning and phase variance binarized mask. , 2013, , .		1
15	Flexibly combined optical microangiography and dual-wavelength laser speckle system for comprehensive imaging of hemodynamic and metabolic responses. , 2014, , .		0
16	Multi-parametric imaging of cerebral hemodynamic and metabolic response followed by ischemic injury. Proceedings of SPIE, 2014, , .	0.8	0
17	Large field-of-view and depth-specific cortical microvascular imaging underlies regional differences in ischemic brain. Proceedings of SPIE, 2014, , .	0.8	0
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