

Vivek Venugopal

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

699
citations

840776

11
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence, Degree, and Clinical Effect of Subchondral Bone Overgrowth After Microfracture in the Knee. American Journal of Sports Medicine, 2016, 44, 2057-2063.	4.2	53
2	Endocrine-specific NIR fluorophores for adrenal gland targeting. Chemical Communications, 2016, 52, 10305-10308.	4.1	24
3	Near-infrared imaging for the assessment of anastomotic patency, thrombosis, and reperfusion in microsurgery: A pilot study in a porcine model. Microsurgery, 2015, 35, 309-314.	1.3	13
4	Depth-enhanced fluorescence imaging using masked detection of structured illumination. Journal of Biomedical Optics, 2014, 19, 116008.	2.6	3
5	Robust imaging strategies in time-resolved optical tomography. , 2013, , .		5
6	Near-infrared imaging of face transplants: are both pedicles necessary?. Journal of Surgical Research, 2013, 184, 714-721.	1.6	10
7	Design and characterization of an optimized simultaneous color and near-infrared fluorescence rigid endoscopic imaging system. Journal of Biomedical Optics, 2013, 18, 1.	2.6	38
8	Adaptive wide-field optical tomography. Journal of Biomedical Optics, 2013, 18, 1.	2.6	106
9	Masked detection of structured illumination (MDSI): depth sensitive fluorescence measurement. , 2013, , .		2
10	Ex Vivo Fluorescence Molecular Tomography of the Spine. International Journal of Biomedical Imaging, 2012, 2012, 1-11.	3.9	16
11	Quantitative tomographic imaging of intermolecular FRET in small animals. Biomedical Optics Express, 2012, 3, 3161.	2.9	76
12	Monte Carlo based method for fluorescence tomographic imaging with lifetime multiplexing using time gates. Biomedical Optics Express, 2011, 2, 871.	2.9	92
13	Adaptive correction of dynamic range in small animal wide-field fluorescence tomography. , 2011, , .		0
14	Anatomical segmentation for guided Fluorescence Molecular Tomography in small animals. , 2011, , .		0
15	In vivo reconstruction of NIR FRET using full-field time resolved optical tomography. Proceedings of SPIE, 2011, , .	0.8	1
16	Time gated optical imaging for functional and structural imaging. , 2010, , .		0
17	Development of an optical imaging platform for functional imaging of small animals using wide-field excitation. Biomedical Optics Express, 2010, 1, 143.	2.9	86
18	Time-resolved diffuse optical tomography with patterned-light illumination and detection. Optics Letters, 2010, 35, 2121.	3.3	72

#	ARTICLE	IF	CITATIONS
19	Full-field time-resolved fluorescence tomography of small animals. Optics Letters, 2010, 35, 3189.	3.3	102