

# Vivek Venugopal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11880560/publications.pdf>

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	Adaptive wide-field optical tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 1.	2.6	106
2	Full-field time-resolved fluorescence tomography of small animals. <i>Optics Letters</i> , 2010, 35, 3189.	3.3	102
3	Monte Carlo based method for fluorescence tomographic imaging with lifetime multiplexing using time gates. <i>Biomedical Optics Express</i> , 2011, 2, 871.	2.9	92
4	Development of an optical imaging platform for functional imaging of small animals using wide-field excitation. <i>Biomedical Optics Express</i> , 2010, 1, 143.	2.9	86
5	Quantitative tomographic imaging of intermolecular FRET in small animals. <i>Biomedical Optics Express</i> , 2012, 3, 3161.	2.9	76
6	Time-resolved diffuse optical tomography with patterned-light illumination and detection. <i>Optics Letters</i> , 2010, 35, 2121.	3.3	72
7	Incidence, Degree, and Clinical Effect of Subchondral Bone Overgrowth After Microfracture in the Knee. <i>American Journal of Sports Medicine</i> , 2016, 44, 2057-2063.	4.2	53
8	Design and characterization of an optimized simultaneous color and near-infrared fluorescence rigid endoscopic imaging system. <i>Journal of Biomedical Optics</i> , 2013, 18, 1.	2.6	38
9	Endocrine-specific NIR fluorophores for adrenal gland targeting. <i>Chemical Communications</i> , 2016, 52, 10305-10308.	4.1	24
10	<i>Ex Vivo</i> Fluorescence Molecular Tomography of the Spine. <i>International Journal of Biomedical Imaging</i> , 2012, 2012, 1-11.	3.9	16
11	Near-infrared imaging for the assessment of anastomotic patency, thrombosis, and reperfusion in microsurgery: A pilot study in a porcine model. <i>Microsurgery</i> , 2015, 35, 309-314.	1.3	13
12	Near-infrared imaging of face transplants: are both pedicles necessary?. <i>Journal of Surgical Research</i> , 2013, 184, 714-721.	1.6	10
13	Robust imaging strategies in time-resolved optical tomography. , 2013, , .		5
14	Depth-enhanced fluorescence imaging using masked detection of structured illumination. <i>Journal of Biomedical Optics</i> , 2014, 19, 116008.	2.6	3
15	Masked detection of structured illumination (MDSI): depth sensitive fluorescence measurement. , 2013, , .		2
16	In vivo reconstruction of NIR FRET using full-field time resolved optical tomography. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
17	Time gated optical imaging for functional and structural imaging. , 2010, , .		0
18	Adaptive correction of dynamic range in small animal wide-field fluorescence tomography. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Anatomical segmentation for guided Fluorescence Molecular Tomography in small animals. , 2011, , .		0