

Vivian Pera

List of Publications by Year in descending order

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14
papers

264
citations

1040056

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1125743

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14
docs citations

14
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffuse optical spectroscopic imaging reveals distinct early breast tumor hemodynamic responses to metronomic and maximum tolerated dose regimens. <i>Breast Cancer Research</i> , 2020, 22, 29.	5.0	52
2	Optical sampling depth in the spatial frequency domain. <i>Journal of Biomedical Optics</i> , 2018, 24, 1.	2.6	35
3	Diffuse fluorescence fiber probe for <i>in vivo</i> detection of circulating cells. <i>Journal of Biomedical Optics</i> , 2017, 22, 037004.	2.6	31
4	Wearable near-infrared optical probe for continuous monitoring during breast cancer neoadjuvant chemotherapy infusions. <i>Journal of Biomedical Optics</i> , 2017, 22, 014001.	2.6	28
5	Optical property uncertainty estimates for spatial frequency domain imaging. <i>Biomedical Optics Express</i> , 2018, 9, 661.	2.9	26
6	A computer vision approach to rare cell <i>in vivo</i> fluorescence flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 1113-1123.	1.5	23
7	Two-layer inverse model for improved longitudinal preclinical tumor imaging in the spatial frequency domain. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	18
8	Near infrared spectroscopy for measuring changes in bone hemoglobin content after exercise in individuals with spinal cord injury. <i>Journal of Orthopaedic Research</i> , 2018, 36, 183-191.	2.3	17
9	Multiplexed fluorescence tomography with spectral and temporal data: demixing with intrinsic regularization. <i>Biomedical Optics Express</i> , 2016, 7, 111.	2.9	10
10	Diffuse and nonlinear imaging of multiscale vascular parameters for <i>in vivo</i> monitoring of preclinical mammary tumors. <i>Journal of Biophotonics</i> , 2019, 12, e201800379.	2.3	9
11	Maximum likelihood tomographic reconstruction of extremely sparse solutions in diffuse fluorescence flow cytometry. <i>Optics Letters</i> , 2013, 38, 2357.	3.3	7
12	On the use of the Cram�r-Rao lower bound for diffuse optical imaging system design. <i>Journal of Biomedical Optics</i> , 2014, 19, 025002.	2.6	5
13	Multiplexed fluorescence mediated tomography with temporal and spectral data. <i>Journal of Biomedical Optics</i> , 2016, 21, 105001.	2.6	3
14	A sparse nonnegative demixing algorithm with intrinsic regularization for multiplexed fluorescence tomography. , 2015, , .		0