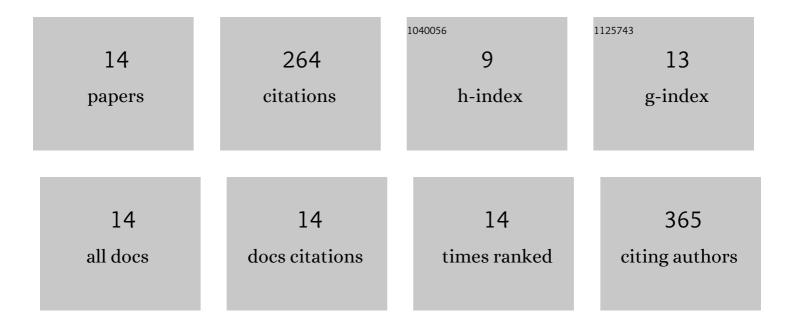
Vivian Pera

List of Publications by Year in descending order

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VIVIAN DEDA

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