

Regine Choe

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

622
citations

10
h-index

24
g-index

32
ext. papers

762
ext. citations

3.7
avg, IF

2.95
L-index

#	Paper	IF	Citations
24	Noninvasive measurement of cerebral blood flow and blood oxygenation using near-infrared and diffuse correlation spectroscopies in critically brain-injured adults. <i>Neurocritical Care</i> , 2010 , 12, 173-80	3.3	200
23	Cerebral hemodynamics in preterm infants during positional intervention measured with diffuse correlation spectroscopy and transcranial Doppler ultrasound. <i>Optics Express</i> , 2009 , 17, 12571-81	3.3	123
22	Transcranial optical monitoring of cerebrovascular hemodynamics in acute stroke patients. <i>Optics Express</i> , 2009 , 17, 3884-902	3.3	113
21	Diffuse Optical Monitoring of the Neoadjuvant Breast Cancer Therapy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012 , 18, 1367-1386	3.8	42
20	Optically measured microvascular blood flow contrast of malignant breast tumors. <i>PLoS ONE</i> , 2014 , 9, e99683	3.7	30
19	Blood flow reduction in breast tissue due to mammographic compression. <i>Academic Radiology</i> , 2014 , 21, 151-61	4.3	19
18	Non-contact scanning diffuse correlation tomography system for three-dimensional blood flow imaging in a murine bone graft model. <i>Biomedical Optics Express</i> , 2015 , 6, 2695-712	3.5	13
17	Macroscopic optical physiological parameters correlate with microscopic proliferation and vessel area breast cancer signatures. <i>Breast Cancer Research</i> , 2015 , 17, 72	8.3	13
16	Non-Invasive Monitoring of Temporal and Spatial Blood Flow during Bone Graft Healing Using Diffuse Correlation Spectroscopy. <i>PLoS ONE</i> , 2015 , 10, e0143891	3.7	12
15	Non-invasive diffuse correlation tomography reveals spatial and temporal blood flow differences in murine bone grafting approaches. <i>Biomedical Optics Express</i> , 2016 , 7, 3262-3279	3.5	10
14	Chemotherapeutic drug-specific alteration of microvascular blood flow in murine breast cancer as measured by diffuse correlation spectroscopy. <i>Biomedical Optics Express</i> , 2016 , 7, 3610-3630	3.5	9
13	Temporal blood flow changes measured by diffuse correlation tomography predict murine femoral graft healing. <i>PLoS ONE</i> , 2018 , 13, e0197031	3.7	6
12	Validation of diffuse correlation spectroscopy sensitivity to nicotinamide-induced blood flow elevation in the murine hindlimb using the fluorescent microsphere technique. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-9	3.5	6
11	Mapping the redox state of CHOP-treated non-Hodgkin's lymphoma xenografts in mice. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 789, 243-249	3.6	6
10	Pre-clinical longitudinal monitoring of hemodynamic response to anti-vascular chemotherapy by hybrid diffuse optics. <i>Biomedical Optics Express</i> , 2017 , 8, 2563-2582	3.5	5
9	Longitudinal 3D Blood Flow Distribution Provided by Diffuse Correlation Tomography during Bone Healing in a Murine Fracture Model. <i>Photochemistry and Photobiology</i> , 2020 , 96, 380-387	3.6	5
8	Towards detection of brain injury using multimodal non-invasive neuromonitoring in adults undergoing extracorporeal membrane oxygenation. <i>Biomedical Optics Express</i> , 2020 , 11, 6551-6569	3.5	4

7	Non-invasive acoustic fabrication methods to enhance collagen hydrogel bioactivity. <i>Materials Research Express</i> , 2019 , 6,	1.7	3
6	Spatial frequency domain imaging for the longitudinal monitoring of vascularization during mouse femoral graft healing. <i>Biomedical Optics Express</i> , 2020 , 11, 5442-5455	3.5	2
5	Biomaterials for Orthopaedic Diagnostics and Theranostics. <i>Current Opinion in Biomedical Engineering</i> , 2021 , 19, 100308-100308	4.4	0
4	Diffuse Optical Tomography 2021 , 1-38		
3	Introduction to the Biophotonics Congress 2020 feature issue. <i>Biomedical Optics Express</i> , 2021 , 12, 509-519		
2	Semiparametric mixed-effects model for analysis of non-invasive longitudinal hemodynamic responses during bone graft healing.. <i>PLoS ONE</i> , 2022 , 17, e0265471	3.7	
1	Cerebral Blood Flow Hemispheric Asymmetry in Comatose Adults Receiving Extracorporeal Membrane Oxygenation.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 858404	5.1	