

Regine Choe

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

838
citations

840119

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676716

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32
all docs

32
docs citations

32
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiparametric mixed-effects model for analysis of non-invasive longitudinal hemodynamic responses during bone graft healing. PLoS ONE, 2022, 17, e0265471.	1.1	0
2	Cerebral Blood Flow Hemispheric Asymmetry in Comatose Adults Receiving Extracorporeal Membrane Oxygenation. Frontiers in Neuroscience, 2022, 16, 858404.	1.4	2
3	Deep Learning Approach for the Prediction of Bone Healing Outcomes in Murine Models based on Diffuse Correlation Tomography. , 2022, , .		0
4	Assessing hemispheric blood flow differences in patients undergoing extracorporeal membrane oxygenation using diffuse correlation spectroscopy. , 2022, , .		0
5	Biomaterials for orthopedic diagnostics and theranostics. Current Opinion in Biomedical Engineering, 2021, 19, 100308.	1.8	12
6	Introduction to the Biophotonics Congress 2020 feature issue. Biomedical Optics Express, 2021, 12, 509.	1.5	0
7	Diffuse Optical Tomography. , 2021, , 1-38.		0
8	Longitudinal 3D Blood Flow Distribution Provided by Diffuse Correlation Tomography during Bone Healing in a Murine Fracture Model. Photochemistry and Photobiology, 2020, 96, 380-387.	1.3	12
9	Towards detection of brain injury using multimodal non-invasive neuromonitoring in adults undergoing extracorporeal membrane oxygenation. Biomedical Optics Express, 2020, 11, 6551.	1.5	11
10	Spatial frequency domain imaging for the longitudinal monitoring of vascularization during mouse femoral graft healing. Biomedical Optics Express, 2020, 11, 5442.	1.5	4
11	Non-invasive acoustic fabrication methods to enhance collagen hydrogel bioactivity. Materials Research Express, 2019, 6, 125410.	0.8	4
12	Special Section Guest Editorial: Translational Biophotonics. Journal of Biomedical Optics, 2019, 24, 1.	1.4	1
13	Temporal blood flow changes measured by diffuse correlation tomography predict murine femoral graft healing. PLoS ONE, 2018, 13, e0197031.	1.1	8
14	Validation of diffuse correlation spectroscopy sensitivity to nicotinamide-induced blood flow elevation in the murine hindlimb using the fluorescent microsphere technique. Journal of Biomedical Optics, 2018, 23, 1.	1.4	6
15	Pre-clinical longitudinal monitoring of hemodynamic response to anti-vascular chemotherapy by hybrid diffuse optics. Biomedical Optics Express, 2017, 8, 2563.	1.5	5
16	Non-invasive diffuse correlation tomography reveals spatial and temporal blood flow differences in murine bone grafting approaches. Biomedical Optics Express, 2016, 7, 3262.	1.5	18
17	Chemotherapeutic drug-specific alteration of microvascular blood flow in murine breast cancer as measured by diffuse correlation spectroscopy. Biomedical Optics Express, 2016, 7, 3610.	1.5	9
18	Macroscopic optical physiological parameters correlate with microscopic proliferation and vessel area breast cancer signatures. Breast Cancer Research, 2015, 17, 72.	2.2	18

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19	Non-Invasive Monitoring of Temporal and Spatial Blood Flow during Bone Graft Healing Using Diffuse Correlation Spectroscopy. PLoS ONE, 2015, 10, e0143891.	1.1	17
20	Non-contact scanning diffuse correlation tomography system for three-dimensional blood flow imaging in a murine bone graft model. Biomedical Optics Express, 2015, 6, 2695.	1.5	19
21	Optically Measured Microvascular Blood Flow Contrast of Malignant Breast Tumors. PLoS ONE, 2014, 9, e99683.	1.1	39
22	Blood Flow Reduction in Breast Tissue due to Mammographic Compression. Academic Radiology, 2014, 21, 151-161.	1.3	23
23	Mapping the Redox State of CHOP-Treated Non-Hodgkin's Lymphoma Xenografts in Mice. Advances in Experimental Medicine and Biology, 2013, 789, 243-249.	0.8	6
24	Diffuse Optical Monitoring of the Neoadjuvant Breast Cancer Therapy. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1367-1386.	1.9	61
25	Noninvasive Measurement of Cerebral Blood Flow and Blood Oxygenation Using Near-Infrared and Diffuse Correlation Spectroscopies in Critically Brain-Injured Adults. Neurocritical Care, 2010, 12, 173-180.	1.2	255
26	Transcranial optical monitoring of cerebrovascular hemodynamics in acute stroke patients. Optics Express, 2009, 17, 3884.	1.7	149
27	Cerebral hemodynamics in preterm infants during positional intervention measured with diffuse correlation spectroscopy and transcranial Doppler ultrasound. Optics Express, 2009, 17, 12571.	1.7	159