

Dimitra Pouli

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,304
citations

687363

13
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940533

16
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18
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18
docs citations

18
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free, High-Resolution Optical Metabolic Imaging of Human Cervical Precancers Reveals Potential for Intraepithelial Neoplasia Diagnosis. <i>Cell Reports Medicine</i> , 2020, 1, 100017.	6.5	19
2	3D extracellular matrix microenvironment in bioengineered tissue models of primary pediatric and adult brain tumors. <i>Nature Communications</i> , 2019, 10, 4529.	12.8	80
3	Two-photon images reveal unique texture features for label-free identification of ovarian cancer peritoneal metastases. <i>Biomedical Optics Express</i> , 2019, 10, 4479.	2.9	11
4	Label-Free, optical, morpho-functional cancer biomarkers. , 2019, , .		0
5	Mapping metabolic changes by noninvasive, multiparametric, high-resolution imaging using endogenous contrast. <i>Science Advances</i> , 2018, 4, eaap9302.	10.3	128
6	3D organizational mapping of collagen fibers elucidates matrix remodeling in a hormone-sensitive 3D breast tissue model. <i>Biomaterials</i> , 2018, 179, 96-108.	11.4	28
7	Human Corneal Tissue Model for Nociceptive Assessments. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800488.	7.6	21
8	Hyaluronic acid modification of RNase A and its intracellular delivery using lipid-like nanoparticles. <i>Journal of Controlled Release</i> , 2017, 263, 39-45.	9.9	52
9	Endogenous Two-Photon Excited Fluorescence Imaging Characterizes Neuron and Astrocyte Metabolic Responses to Manganese Toxicity. <i>Scientific Reports</i> , 2017, 7, 1041.	3.3	32
10	Automated quantification of three-dimensional organization of fiber-like structures in biological tissues. <i>Biomaterials</i> , 2017, 116, 34-47.	11.4	55
11	Label free monitoring of megakaryocytic development and proplatelet formation in vitro. <i>Biomedical Optics Express</i> , 2017, 8, 4742.	2.9	5
12	Imaging mitochondrial dynamics in human skin reveals depth-dependent hypoxia and malignant potential for diagnosis. <i>Science Translational Medicine</i> , 2016, 8, 367ra169.	12.4	82
13	Efficient delivery of genome-editing proteins using bioreducible lipid nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2868-2873.	7.1	495
14	Two-photon excited fluorescence of intrinsic fluorophores enables label-free assessment of adipose tissue function. <i>Scientific Reports</i> , 2016, 6, 31012.	3.3	31
15	Fetal Brain Extracellular Matrix Boosts Neuronal Network Formation in 3D Bioengineered Model of Cortical Brain Tissue. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 131-140.	5.2	100
16	Noninvasive assessment of mitochondrial organization in three-dimensional tissues reveals changes associated with cancer development. <i>International Journal of Cancer</i> , 2015, 136, 322-332.	5.1	36
17	Endogenous Two-Photon Fluorescence Imaging Elucidates Metabolic Changes Related to Enhanced Glycolysis and Glutamine Consumption in Precancerous Epithelial Tissues. <i>Cancer Research</i> , 2014, 74, 3067-3075.	0.9	129
18	Quantitative optical biomarkers for non-invasive detection of cancerous transformation in live, 3D squamous epithelia. , 2014, , .		0