

# Dimitra Pouli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7607844/publications.pdf>

Version: 2024-02-01

18  
papers

1,304  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2243  
citing authors

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