

Amalina Binte Ebrahim Attia

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,533
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of clinical photoacoustic imaging: Current and future trends. <i>Photoacoustics</i> , 2019, 16, 100144.	7.8	494
2	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. <i>Nature Communications</i> , 2016, 7, 10432.	12.8	376
3	Towards a point-of-care SERS sensor for biomedical and agri-food analysis applications: a review of recent advancements. <i>Nanoscale</i> , 2021, 13, 553-580.	5.6	133
4	Multifunctional Photosensitizer-Based Contrast Agents for Photoacoustic Imaging. <i>Scientific Reports</i> , 2014, 4, 5342.	3.3	108
5	Noninvasive real-time characterization of non-melanoma skin cancers with handheld optoacoustic probes. <i>Photoacoustics</i> , 2017, 7, 20-26.	7.8	80
6	Single Molecule with Dual Function on Nanogold: Biofunctionalized Construct for In Vivo Photoacoustic Imaging and SERS Biosensing. <i>Advanced Functional Materials</i> , 2015, 25, 2316-2325.	14.9	65
7	Multispectral optoacoustic and MRI coregistration for molecular imaging of orthotopic model of human glioblastoma. <i>Journal of Biophotonics</i> , 2016, 9, 701-708.	2.3	35
8	Optoacoustic mesoscopy analysis and quantitative estimation of specific imaging metrics in Fitzpatrick skin phototypes II to V. <i>Journal of Biophotonics</i> , 2019, 12, e201800442.	2.3	30
9	Multispectral Optoacoustic Tomography in Assessment of Breast Tumor Margins During Breast-Conserving Surgery: A First-in-human Case Study. <i>Clinical Breast Cancer</i> , 2018, 18, e1247-e1250.	2.4	27
10	Insights into EPR Effect versus Lectin-mediated Targeted Delivery: Biodegradable Polycarbonate Micellar Nanoparticles with and without Galactose Surface Decoration. <i>Small</i> , 2014, 10, 4281-4286.	10.0	26
11	Fast pulsatile blood flow measurement in deep tissue through a multimode detection fiber. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	25
12	Noninvasive Anatomical and Functional Imaging of Orthotopic Glioblastoma Development and Therapy using Multispectral Optoacoustic Tomography. <i>Translational Oncology</i> , 2018, 11, 1251-1258.	3.7	24
13	Volumetric Multispectral Optoacoustic Tomography for 3-Dimensional Reconstruction of Skin Tumors: Further Evaluation with Histopathologic Correlation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 481-485.	0.7	23
14	Functionalised iron oxide nanoparticles for multimodal optoacoustic and magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2212-2219.	5.8	15
15	Raster-scanning optoacoustic mesoscopy imaging as an objective disease severity tool in atopic dermatitis patients. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 1121-1123.	1.2	15
16	Investigation of morphological, vascular and biochemical changes in the skin of an atopic dermatitis (AD) patient in response to dupilumab using raster scanning optoacoustic mesoscopy (RSOM) and handheld confocal Raman spectroscopy (CRS). <i>Journal of Dermatological Science</i> , 2019, 95, 123-125.	1.9	14
17	Microvascular imaging and monitoring of hemodynamic changes in the skin during arterial-venous occlusion using multispectral raster-scanning optoacoustic mesoscopy. <i>Photoacoustics</i> , 2021, 22, 100268.	7.8	13
18	Multimodal imaging approach to monitor browning of adipose tissue in vivo. <i>Journal of Lipid Research</i> , 2018, 59, 1071-1078.	4.2	12

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19	Novel Cellulose Fibre-Based Flexible Plasmonic Membrane for Point-of-Care SERS Biomarker Detection in Chronic Wound Healing. International Journal of Nanomedicine, 2021, Volume 16, 5869-5878.	6.7	12
20	Clinical noninvasive imaging and spectroscopic tools for dermatological applications: Review of recent progress. Translational Biophotonics, 2020, 2, e202000010.	2.7	5
21	Molecular Photoacoustic Imaging of Orthotopic Glioblastoma. , 2015, , .		1
22	Assessment of oxygen saturation in microvasculature of atopic dermatitis patients using multispectral optoacoustic mesoscopy. , 2022, , .		0