Amalina Binte Ebrahim Attia

List of Publications by Year
in descending order

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	Assessment of oxygen saturation in microvasculature of atopic dermatitis patients using multispectral optoacoustic mesoscopy. , 2022, , .		0
2	Raster-scanning optoacoustic mesoscopy imaging as an objective disease severity tool in atopic dermatitis patients. Journal of the American Academy of Dermatology, 2021, 84, 1121-1123.	1.2	15
3	Towards a point-of-care SERS sensor for biomedical and agri-food analysis applications: a review of recent advancements. Nanoscale, 2021, 13, 553-580.	5.6	133
4	Microvascular imaging and monitoring of hemodynamic changes in the skin during arterial-venous occlusion using multispectral raster-scanning optoacoustic mesoscopy. Photoacoustics, 2021, 22, 100268.	7.8	13
5	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
6	Clinical noninvasive imaging and spectroscopic tools for dermatological applications: Review of recent progress. Translational Biophotonics, 2020, 2, e202000010.	2.7	5
7	Fast pulsatile blood flow measurement in deep tissue through a multimode detection fiber. Journal of Biomedical Optics, 2020, 25, 1.	2.6	25
8	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). Journal of Dermatological Science, 2019, 95, 123-125.	1.9	14
9	Optoacoustic mesoscopy analysis and quantitative estimation of specific imaging metrics in Fitzpatrick skin phototypes II to V. Journal of Biophotonics, 2019, 12, e201800442.	2.3	30
10	Functionalised iron oxide nanoparticles for multimodal optoacoustic and magnetic resonance imaging. Journal of Materials Chemistry B, 2019, 7, 2212-2219.	5.8	15
11	A review of clinical photoacoustic imaging: Current and future trends. Photoacoustics, 2019, 16, 100144.	7.8	494
12	Volumetric Multispectral Optoacoustic Tomography for 3-Dimensional Reconstruction of Skin Tumors: AÂFurther Evaluation with Histopathologic Correlation. Journal of Investigative Dermatology, 2019, 139, 481-485.	0.7	23
13	Multimodal imaging approach to monitor browning of adipose tissue in vivo. Journal of Lipid Research, 2018, 59, 1071-1078.	4.2	12
14	Multispectral Optoacoustic Tomography in Assessment of Breast Tumor Margins During Breast-Conserving Surgery: A First-in-human Case Study. Clinical Breast Cancer, 2018, 18, e1247-e1250.	2.4	27
15	Noninvasive Anatomical and Functional Imaging of Orthotopic Glioblastoma Development and Therapy using Multispectral Optoacoustic Tomography. Translational Oncology, 2018, 11, 1251-1258.	3.7	24
16	Noninvasive real-time characterization of non-melanoma skin cancers with handheld optoacoustic probes. Photoacoustics, 2017, 7, 20-26.	7.8	80
17	Multispectral optoacoustic and MRI coregistration for molecular imaging of orthotopic model of human glioblastoma. Journal of Biophotonics, 2016, 9, 701-708.	2.3	35
18	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. Nature Communications, 2016, 7, 10432.	12.8	376

#	Article	IF	Citations
19	Molecular Photoacoustic Imaging of Orthotopic Glioblastoma. , 2015, , .		1
20	Single Molecule with Dual Function on Nanogold: Biofunctionalized Construct for In Vivo Photoacoustic Imaging and SERS Biosensing. Advanced Functional Materials, 2015, 25, 2316-2325.	14.9	65
21	Insights into EPR Effect versus Lectinâ€mediated Targeted Delivery: Biodegradable Polycarbonate Micellar Nanoparticles with and without Galactose Surface Decoration. Small, 2014, 10, 4281-4286.	10.0	26
22	Multifunctional Photosensitizer-Based Contrast Agents for Photoacoustic Imaging. Scientific Reports, 2014, 4, 5342.	3.3	108