

Markus R Seeger

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

531
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium Sensor for Photoacoustic Imaging. Journal of the American Chemical Society, 2018, 140, 2718-2721.	13.7	109
2	Label-free metabolic imaging by mid-infrared optoacoustic microscopy in living cells. Nature Biotechnology, 2020, 38, 293-296.	17.5	74
3	Cardiovascular optoacoustics: From mice to men – A review. Photoacoustics, 2019, 14, 19-30.	7.8	72
4	Multimodal optoacoustic and multiphoton microscopy of human carotid atheroma. Photoacoustics, 2016, 4, 102-111.	7.8	43
5	Fiber interferometer for hybrid optical and optoacoustic intravital microscopy. Optica, 2017, 4, 1180.	9.3	40
6	Photothermal deflectometry enhanced by total internal reflection enables non-invasive glucose monitoring in human epidermis. Analyst, The, 2015, 140, 483-488.	3.5	39
7	Optoacoustic microscopy at multiple discrete frequencies. Light: Science and Applications, 2018, 7, 109.	16.6	39
8	Pushing the boundaries of optoacoustic microscopy by total impulse response characterization. Nature Communications, 2020, 11, 2910.	12.8	25
9	A Bioconjugated Fullerene as a Subcellular-Targeted and Multifaceted Phototheranostic Agent. Advanced Functional Materials, 2021, 31, 2101527.	14.9	22
10	Lipid Regulated Intramolecular Conformational Dynamics of SNARE-Protein Ykt6. Scientific Reports, 2016, 6, 30282.	3.3	15
11	Genetically Controlled Lysosomal Entrapment of Superparamagnetic Ferritin for Multimodal and Multiscale Imaging and Actuation with Low Tissue Attenuation. Advanced Functional Materials, 2018, 28, 1706793.	14.9	15
12	Nanosecond SRS fiber amplifier for label-free near-infrared photoacoustic microscopy of lipids. Photoacoustics, 2022, 25, 100331.	7.8	10
13	Non-linear optical microscopy and histological analysis of collagen, elastin and lysyl oxidase expression in breast capsular contracture. European Journal of Medical Research, 2018, 23, 30.	2.2	9
14	In vitro optoacoustic flow cytometry with light scattering referencing. Scientific Reports, 2021, 11, 2181.	3.3	6
15	Label-free concurrent 5-modal microscopy (Co5M) resolves unknown spatio-temporal processes in wound healing. Communications Biology, 2021, 4, 1040.	4.4	5
16	In-vivo hybrid microscopy of small model organisms. , 2019, , .		4
17	Quantifying Intramolecular Protein Conformational Dynamics Under Lipid Interaction Using smFRET and FCCS. Methods in Molecular Biology, 2019, 1860, 345-359.	0.9	2
18	Functional live-cell mid-infrared optoacoustic microscopy. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Hybrid microscopy of human carotid atheroma by means of optical-resolution optoacoustic and non-linear optical microscopy. Proceedings of SPIE, 2017, , .	0.8	0
20	Intravital hybrid optical-optoacoustic microscopy based on fiber-Bragg interferometry. , 2018, , .		0