

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	Nanosecond SRS fiber amplifier for label-free near-infrared photoacoustic microscopy of lipids. <i>Photoacoustics</i> , 2022, 25, 100331.	7.8	10
2	A Bioconjugated Fullerene as a Subcellular-Targeted and Multifaceted Phototheranostic Agent. <i>Advanced Functional Materials</i> , 2021, 31, 2101527.	14.9	22
3	Functional live-cell mid-infrared optoacoustic microscopy. , 2021, , .		1
4	Label-free concurrent 5-modal microscopy (Co5M) resolves unknown spatio-temporal processes in wound healing. <i>Communications Biology</i> , 2021, 4, 1040.	4.4	5
5	In vitro optoacoustic flow cytometry with light scattering referencing. <i>Scientific Reports</i> , 2021, 11, 2181.	3.3	6
6	Label-free metabolic imaging by mid-infrared optoacoustic microscopy in living cells. <i>Nature Biotechnology</i> , 2020, 38, 293-296.	17.5	74
7	Pushing the boundaries of optoacoustic microscopy by total impulse response characterization. <i>Nature Communications</i> , 2020, 11, 2910.	12.8	25
8	Cardiovascular optoacoustics: From mice to men – A review. <i>Photoacoustics</i> , 2019, 14, 19-30.	7.8	72
9	Quantifying Intramolecular Protein Conformational Dynamics Under Lipid Interaction Using smFRET and FCCS. <i>Methods in Molecular Biology</i> , 2019, 1860, 345-359.	0.9	2
10	In-vivo hybrid microscopy of small model organisms. , 2019, , .		4
11	Genetically Controlled Lysosomal Entrapment of Superparamagnetic Ferritin for Multimodal and Multiscale Imaging and Actuation with Low Tissue Attenuation. <i>Advanced Functional Materials</i> , 2018, 28, 1706793.	14.9	15
12	Calcium Sensor for Photoacoustic Imaging. <i>Journal of the American Chemical Society</i> , 2018, 140, 2718-2721.	13.7	109
13	Optoacoustic microscopy at multiple discrete frequencies. <i>Light: Science and Applications</i> , 2018, 7, 109.	16.6	39
14	Non-linear optical microscopy and histological analysis of collagen, elastin and lysyl oxidase expression in breast capsular contracture. <i>European Journal of Medical Research</i> , 2018, 23, 30.	2.2	9
15	Intravital hybrid optical-optoacoustic microscopy based on fiber-Bragg interferometry. , 2018, , .		0
16	Hybrid microscopy of human carotid atheroma by means of optical-resolution optoacoustic and non-linear optical microscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
17	Fiber interferometer for hybrid optical and optoacoustic intravital microscopy. <i>Optica</i> , 2017, 4, 1180.	9.3	40
18	Multimodal optoacoustic and multiphoton microscopy of human carotid atheroma. <i>Photoacoustics</i> , 2016, 4, 102-111.	7.8	43

#	ARTICLE	IF	CITATIONS
19	Lipid Regulated Intramolecular Conformational Dynamics of SNARE-Protein Ykt6. Scientific Reports, 2016, 6, 30282.	3.3	15
20	Photothermal deflectometry enhanced by total internal reflection enables non-invasive glucose monitoring in human epidermis. Analyst, The, 2015, 140, 483-488.	3.5	39