

RÃ³bert SzipÃ³cs

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

512
citations

1163117

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1372567

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all docs

14
docs citations

14
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia monitor and protect neuronal function through specialized somatic purinergic junctions. <i>Science</i> , 2020, 367, 528-537.	12.6	381
2	Handheld nonlinear microscope system comprising a 2 MHz repetition rate, mode-locked Yb-fiber laser for in vivo biomedical imaging. <i>Biomedical Optics Express</i> , 2016, 7, 3531.	2.9	28
3	Diet-induced obesity skin changes monitored by in vivo SHG and ex vivo CARS microscopy. <i>Biomedical Optics Express</i> , 2016, 7, 4480.	2.9	21
4	Nonlinear optical microscopy is a novel tool for the analysis of cutaneous alterations in pseudoxanthoma elasticum. <i>Lasers in Medical Science</i> , 2020, 35, 1821-1830.	2.1	21
5	Quantitative Analysis on Ex Vivo Nonlinear Microscopy Images of Basal Cell Carcinoma Samples in Comparison to Healthy Skin. <i>Pathology and Oncology Research</i> , 2019, 25, 1015-1021.	1.9	16
6	Ex vivo nonlinear microscopy imaging of Ehlers-Danlos syndrome-affected skin. <i>Archives of Dermatological Research</i> , 2018, 310, 463-473.	1.9	14
7	Voluntary exercise improves murine dermal connective tissue status in high-fat diet-induced obesity. <i>Archives of Dermatological Research</i> , 2017, 309, 209-215.	1.9	11
8	Stored Energy, Transmission Group Delay and Mode Field Distortion in Optical Fibers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 126-131.	2.9	10
9	Stain-free Histopathology of Basal Cell Carcinoma by Dual Vibration Resonance Frequency CARS Microscopy. <i>Pathology and Oncology Research</i> , 2018, 24, 927-930.	1.9	8
10	Fiber coupled, 20 MHz Repetition Rate, sub ps Ti:sapphire Laser for in vivo Nonlinear Microscopy of the Skin. , 2021, , .		1
11	Low concentration Phloxine B staining for high chemical contrast, nonlinear microscope mosaic imaging of skin alterations in pseudoxanthoma elasticum. <i>Biomedical Optics Express</i> , 2022, 13, 252.	2.9	1
12	Low concentration eosin staining for high chemical contrast nonlinear microscope mosaic imaging of skin alterations in Pseudoxanthoma elasticum. , 2021, , .		0
13	20 MHz, sub-ps, tunable ti:sapphire laser system for real time, stain free, in vivo histology of the skin. , 2021, , .		0
14	Fiber-coupled, 20 MHz repetition rate, sub-ps Ti:sapphire laser for in-vivo nonlinear microscopy of the skin. , 2021, , .		0