

Raffaella Mercatelli

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

364
citations

759233

12
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen ultrastructural symmetry and its malignant alterations in human breast cancer revealed by polarization-resolved second-harmonic generation microscopy. <i>Journal of Biophotonics</i> , 2020, 13, e202000159.	2.3	24
2	All-optical correlative micro-spectroscopies in the investigation of stromal collagen morpho-mechanics. , 2020, , .		0
3	Morpho-mechanics of human collagen superstructures revealed by all-optical correlative micro-spectroscopies. <i>Communications Biology</i> , 2019, 2, 117.	4.4	49
4	The conformational state of hERG1 channels determines integrin association, downstream signaling, and cancer progression. <i>Science Signaling</i> , 2017, 10, .	3.6	49
5	Three-dimensional mapping of corneal lamellar orientation by means of backward-scattered SHG microscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
6	Three-dimensional mapping of the orientation of collagen corneal lamellae in healthy and keratoconic human corneas using SHG microscopy. <i>Journal of Biophotonics</i> , 2017, 10, 75-83.	2.3	39
7	Clasmatodendrosis and β -amyloidosis in aging hippocampus. <i>FASEB Journal</i> , 2016, 30, 1480-1491.	0.5	16
8	In vitro assessment of antibody-conjugated gold nanorods for systemic injections. <i>Journal of Nanobiotechnology</i> , 2014, 12, 55.	9.1	41
9	A molecular imaging analysis of Cx43 association with Cdo during skeletal myoblast differentiation. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
10	Hyperspectral (fluorescence lifetime) imaging based on a UV-VIS enhanced supercontinuum source using high-order mode propagation. , 2014, , .		0
11	Quantitative readout of optically encoded gold nanorods using an ordinary dark-field microscope. <i>Nanoscale</i> , 2013, 5, 9645.	5.6	22
12	A molecular imaging analysis of Cx43 association with Cdo during skeletal myoblast differentiation. <i>Journal of Biophotonics</i> , 2013, 6, 612-621.	2.3	12
13	Dermal matrix scaffold engineered with adult mesenchymal stem cells and platelet-rich plasma as a potential tool for tissue repair and regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 125-134.	2.7	29
14	Quantitative measurement of scattering and extinction spectra of nanoparticles by darkfield microscopy. <i>Applied Physics Letters</i> , 2011, 99, 131113.	3.3	18
15	Supercontinuum source tuned by an on-axis monochromator for fluorescence lifetime imaging. <i>Optics Express</i> , 2010, 18, 20505.	3.4	14
16	Electrochemical impedance spectroscopy and fluorescence lifetime imaging of lipid mixtures self-assembled on mercury. <i>Soft Matter</i> , 2010, 6, 2733.	2.7	29
17	Coherent white light confocal fluorescence imaging and fluorescence lifetime imaging microscopy. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
18	Intramolecular photo-switching and intermolecular energy transfer as primary photoevents in photoreceptive processes: The case of <i>Euglena gracilis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 176-180.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Hypergravity speeds up the development of T-lymphocyte motility. European Biophysics Journal, 2006, 35, 393-400.	2.2	15