

Chiara Stringari

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,011
citations

471509

17
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

2927
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling nonlinear microscopy near index-mismatched interfaces. <i>Optica</i> , 2021, 8, 944.	9.3	5
2	Simultaneous NAD(P)H and FAD fluorescence lifetime microscopy of long UVA-induced metabolic stress in reconstructed human skin. <i>Scientific Reports</i> , 2021, 11, 22171.	3.3	20
3	High-speed polarization-resolved third-harmonic microscopy. <i>Optica</i> , 2019, 6, 385.	9.3	24
4	Fast P-THG microscopy for the characterization of biomaterials. , 2019, , .		0
5	Multicolor two-photon imaging of endogenous fluorophores in living tissues by wavelength mixing. <i>Scientific Reports</i> , 2017, 7, 3792.	3.3	99
6	Metabolic changes associated with methionine stress sensitivity in MDA-MB-468 breast cancer cells. <i>Cancer & Metabolism</i> , 2016, 4, 9.	5.0	58
7	Spatial dynamics of SIRT1 and the subnuclear distribution of NADH species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12715-12720.	7.1	59
8	Spatial Dynamics of SIRT1 Dictate Metabolic Transitions in the Cell Nucleus. <i>Biophysical Journal</i> , 2016, 110, 237a-238a.	0.5	0
9	In Vivo Single-Cell Detection of Metabolic Oscillations in Stem Cells. <i>Cell Reports</i> , 2015, 10, 1-7.	6.4	118
10	NADH fluorescence lifetime is an endogenous reporter of α -synuclein aggregation in live cells. <i>FASEB Journal</i> , 2015, 29, 2484-2494.	0.5	24
11	Wnt signaling directs a metabolic program of glycolysis and angiogenesis in colon cancer. <i>EMBO Journal</i> , 2014, 33, 1454-1473.	7.8	348
12	Circadian Metabolic Oscillations in the Epidermis Stem Cells by Fluorescence Lifetime Microscopy of NADH in Vivo. <i>Biophysical Journal</i> , 2014, 106, 24a.	0.5	1
13	Label-free separation of human embryonic stem cells and their differentiating progenies by phasor fluorescence lifetime microscopy. <i>Journal of Biomedical Optics</i> , 2012, 17, 046012.	2.6	53
14	Deep tissue fluorescence imaging and <i>in vivo</i> biological applications. <i>Journal of Biomedical Optics</i> , 2012, 17, 116023.	2.6	56
15	Two-photon excited fluorescence lifetime imaging and spectroscopy of melanins <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Biomedical Optics</i> , 2012, 18, 031107.	2.6	52
16	Metabolic trajectory of cellular differentiation in small intestine by Phasor Fluorescence Lifetime Microscopy of NADH. <i>Scientific Reports</i> , 2012, 2, 568.	3.3	209
17	Phasor-flim analysis of NADH distribution and localization in the nucleus of live progenitor myoblast cells. <i>Microscopy Research and Technique</i> , 2012, 75, 1717-1722.	2.2	34
18	NADH Distribution in Live Progenitor Stem Cells by Phasor-Fluorescence Lifetime Image Microscopy. <i>Biophysical Journal</i> , 2012, 103, L7-L9.	0.5	71

#	ARTICLE	IF	CITATIONS
19	The Spatial Mapping of the Metabolic Cofactor NADH within Live Progenitor Stem Cells. Biophysical Journal, 2012, 102, 576a.	0.5	0
20	Phasor Fluorescence Lifetime Microscopy of Free and Protein-Bound NADH Reveals Neural Stem Cell Differentiation Potential. PLoS ONE, 2012, 7, e48014.	2.5	166
21	Phasor approach to fluorescence lifetime microscopy distinguishes different metabolic states of germ cells in a live tissue. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13582-13587.	7.1	370
22	Multiple Components Mapping of Live Tissue by Phasor Analysis of Fluorescence Lifetime Imaging. Biophysical Journal, 2010, 98, 214a.	0.5	1
23	Photothermally-induced disordered patterns of corneal collagen revealed by SHG imaging. Optics Express, 2009, 17, 4868.	3.4	158
24	Nuclear and Division-Plane Positioning Revealed by Optical Micromanipulation. Current Biology, 2005, 15, 1212-1216.	3.9	85