Chiara Stringari

List of Publications by Year
in descending order

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24 papers	2,011 citations	471061 17 h-index	713013 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. Optica, 2021, 8, 944.	4.8	5
2	Simultaneous NAD(P)H and FAD fluorescence lifetime microscopy of long UVAâ€“induced metabolic stress in reconstructed human skin. Scientific Reports, 2021, 11, 22171.	1.6	20
3	High-speed polarization-resolved third-harmonic microscopy. Optica, 2019, 6, 385.	4.8	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. Scientific Reports, 2017, 7, 3792.	1.6	99
6	Metabolic changes associated with methionine stress sensitivity in MDA-MB-468 breast cancer cells. Cancer & Metabolism, 2016, 4, 9.	2.4	58
7	Spatial dynamics of SIRT1 and the subnuclear distribution of NADH species. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12715-12720.	3.3	59
8	Spatial Dynamics of SIRT1 Dictate Metabolic Transitions in the Cell Nucleus. Biophysical Journal, 2016, 110, 237a-238a.	0.2	0
9	InÂVivo Single-Cell Detection of Metabolic Oscillations in Stem Cells. Cell Reports, 2015, 10, 1-7.	2.9	118
10	NADH fluorescence lifetime is an endogenous reporter of Î±â€synuclein aggregation in live cells. FASEB Journal, 2015, 29, 2484-2494.	0.2	24
11	Wnt signaling directs a metabolic program of glycolysis and angiogenesis in colon cancer. EMBO Journal, 2014, 33, 1454-1473.	3.5	348
12	Circadian Metabolic Oscillations in the Epidermis Stem Cells by Fluorescence Lifetime Microscopy of NADH in Vivo. Biophysical Journal, 2014, 106, 24a.	0.2	1
13	Label-free separation of human embryonic stem cells and their differentiating progenies by phasor fluorescence lifetime microscopy. Journal of Biomedical Optics, 2012, 17, 046012.	1.4	53
14	Deep tissue fluorescence imaging andin vivobiological applications. Journal of Biomedical Optics, 2012, 17, 116023.	1.4	56
15	Two-photon excited fluorescence lifetime imaging and spectroscopy of melaninsin vitroandin vivo. Journal of Biomedical Optics, 2012, 18, 031107.	1.4	52
16	Metabolic trajectory of cellular differentiation in small intestine by Phasor Fluorescence Lifetime Microscopy of NADH. Scientific Reports, 2012, 2, 568.	1.6	209
17	Phasorâ€flim analysis of NADH distribution and localization in the nucleus of live progenitor myoblast cells. Microscopy Research and Technique, 2012, 75, 1717-1722.	1.2	34
18	NADH Distribution in Live Progenitor Stem Cells by Phasor-Fluorescence Lifetime Image Microscopy. Biophysical Journal, 2012, 103, L7-L9.	0.2	71

#	Article	IF	Citations
19	The Spatial Mapping of the Metabolic Cofactor NADH within Live Progenitor Stem Cells. Biophysical Journal, 2012, 102, 576a.	0.2	0
20	Phasor Fluorescence Lifetime Microscopy of Free and Protein-Bound NADH Reveals Neural Stem Cell Differentiation Potential. PLoS ONE, 2012, 7, e48014.	1.1	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.	3.3	370
22	Multiple Components Mapping of Live Tissue by Phasor Analysis of Fluorescence Lifetime Imaging. Biophysical Journal, 2010, 98, 214a.	0.2	1
23	Photothermally-induced disordered patterns of corneal collagen revealed by SHG imaging. Optics Express, 2009, 17, 4868.	1.7	158
24	Nuclear and Division-Plane Positioning Revealed by Optical Micromanipulation. Current Biology, 2005, 15, 1212-1216.	1.8	85