Chiara Stringari

List of Publications by Year
in descending order

24	2,011	471509 17	713466 21
papers	citations	h-index	g-index

25	25	25	2927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Wnt signaling directs a metabolic program of glycolysis and angiogenesis in colon cancer. EMBO Journal, 2014, 33, 1454-1473.	7.8	348
3	Metabolic trajectory of cellular differentiation in small intestine by Phasor Fluorescence Lifetime Microscopy of NADH. Scientific Reports, 2012, 2, 568.	3.3	209
4	Phasor Fluorescence Lifetime Microscopy of Free and Protein-Bound NADH Reveals Neural Stem Cell Differentiation Potential. PLoS ONE, 2012, 7, e48014.	2.5	166
5	Photothermally-induced disordered patterns of corneal collagen revealed by SHG imaging. Optics Express, 2009, 17, 4868.	3.4	158
6	InÂVivo Single-Cell Detection of Metabolic Oscillations in Stem Cells. Cell Reports, 2015, 10, 1-7.	6.4	118
7	Multicolor two-photon imaging of endogenous fluorophores in living tissues by wavelength mixing. Scientific Reports, 2017, 7, 3792.	3.3	99
8	Nuclear and Division-Plane Positioning Revealed by Optical Micromanipulation. Current Biology, 2005, 15, 1212-1216.	3.9	85
9	NADH Distribution in Live Progenitor Stem Cells by Phasor-Fluorescence Lifetime Image Microscopy. Biophysical Journal, 2012, 103, L7-L9.	0.5	71
10	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.	7.1	59
11	Metabolic changes associated with methionine stress sensitivity in MDA-MB-468 breast cancer cells. Cancer & Metabolism, 2016, 4, 9.	5.0	58
12	Deep tissue fluorescence imaging andin vivobiological applications. Journal of Biomedical Optics, 2012, 17, 116023.	2.6	56
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.	2.6	53
14	Two-photon excited fluorescence lifetime imaging and spectroscopy of melaninsin vitroandin vivo. Journal of Biomedical Optics, 2012, 18, 031107.	2.6	52
15	Phasorâ€flim analysis of NADH distribution and localization in the nucleus of live progenitor myoblast cells. Microscopy Research and Technique, 2012, 75, 1717-1722.	2.2	34
16	NADH fluorescence lifetime is an endogenous reporter of Î±â€synuclein aggregation in live cells. FASEB Journal, 2015, 29, 2484-2494.	0.5	24
17	High-speed polarization-resolved third-harmonic microscopy. Optica, 2019, 6, 385.	9.3	24
18	Simultaneous NAD(P)H and FAD fluorescence lifetime microscopy of long UVAâ€“induced metabolic stress in reconstructed human skin. Scientific Reports, 2021, 11, 22171.	3.3	20

#	Article	IF	Citations
19	Modeling nonlinear microscopy near index-mismatched interfaces. Optica, 2021, 8, 944.	9.3	5
20	Multiple Components Mapping of Live Tissue by Phasor Analysis of Fluorescence Lifetime Imaging. Biophysical Journal, 2010, 98, 214a.	0.5	1
21	Circadian Metabolic Oscillations in the Epidermis Stem Cells by Fluorescence Lifetime Microscopy of NADH in Vivo. Biophysical Journal, 2014, 106, 24a.	0.5	1
22	The Spatial Mapping of the Metabolic Cofactor NADH within Live Progenitor Stem Cells. Biophysical Journal, 2012, 102, 576a.	0.5	0
23	Spatial Dynamics of SIRT1 Dictate Metabolic Transitions in the Cell Nucleus. Biophysical Journal, 2016, 110, 237a-238a.	0.5	0
24	Fast P-THG microscopy for the characterization of biomaterials. , 2019, , .		0