

Rodolphe Jaffiol

List of Publications by Year in descending order

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16
papers

322
citations

1307594

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1058476

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17
all docs

17
docs citations

17
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement and Quenching Regimes in Metal-Semiconductor Hybrid Optical Nanosources. ACS Nano, 2010, 4, 759-764.	14.6	146
2	Topography of Cells Revealed by Variable-Angle Total Internal Reflection Fluorescence Microscopy. Biophysical Journal, 2016, 111, 1316-1327.	0.5	52
3	Spatial fluorescence cross-correlation spectroscopy. Applied Optics, 2006, 45, 1225.	2.1	28
4	Axial nanoscale localization by normalized total internal reflection fluorescence microscopy. Optics Letters, 2014, 39, 869.	3.3	24
5	High heterogeneity of plasma membrane microfluidity in multidrug-resistant cancer cells. Journal of Biomedical Optics, 2009, 14, 034030.	2.6	21
6	Nanoscale characterization of vesicle adhesion by normalized total internal reflection fluorescence microscopy. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1244-1253.	2.6	12
7	Microfluidity mapping using fluorescence correlation spectroscopy: A new way to investigate plasma membrane microorganization of living cells. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2477-2485.	2.6	9
8	Incidence angle calibration for prismless total internal reflection fluorescence microscopy. Optics Letters, 2019, 44, 1710.	3.3	8
9	Multiphoton Cascade Absorption in Single Molecule Fluorescence Saturation Spectroscopy. Analytical Chemistry, 2013, 85, 4735-4744.	6.5	6
10	Surface Modified Single Molecules Free-Diffusion Evidenced by Fluorescence Correlation Spectroscopy. Journal of Fluorescence, 2008, 18, 1115-1122.	2.5	5
11	Advanced quantification for single-cell adhesion by variable-angle TIRF nanoscopy. Biophysical Reports, 2021, 1, 100021.	1.2	5
12	Membrane-substrate separation distance assessed by normalized total internal reflection fluorescence microscopy. Proceedings of SPIE, 2014, , .	0.8	2
13	Evaluation of diffusion coefficient of P-glycoprotein molecules labeled with green fluorescent protein in living cell membrane. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183721.	2.6	2
14	Plasma membrane microorganization of LR73 multidrug-resistant cells revealed by FCS. , 2011, , .		1
15	Nanometer-Scale Resolution Achieved with Nonradiative Excitation. ACS Photonics, 2018, 5, 2217-2224.	6.6	1
16	Single molecule fluorescence saturation spectroscopy. Proceedings of SPIE, 2014, , .	0.8	0