SÃ©bastien Mailfert

List of Publications by Year
in descending order

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21	694	777949 13	939365 18
papers	citations	h-index	g-index

24	24	24	1393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental evidence for long-distance electrodynamic intermolecular forces. Science Advances, 2022, 8, eabl5855.	4.7	19
2	Toward Single-Molecule Localization Microscopy (SMLM) Acquisitions Assisted by Real-Time Quality Control. Biophysical Journal, 2020, 118, 147a-148a.	0.2	0
3	Application of Spot Variation FCS (svFCS) Analysis to T Cell Membrane Dynamics. Biophysical Journal, 2020, 118, 353a.	0.2	0
4	Microtubule plus-end dynamics link wound repair to the innate immune response. ELife, 2020, 9, .	2.8	27
5	A straightforward STED-background corrected fitting model for unbiased STED-FCS analyses. Methods, 2018, 140-141, 212-222.	1.9	8
6	Phosphoinositides regulate the TCR/CD3 complex membrane dynamics and activation. Scientific Reports, 2018, 8, 4966.	1.6	27
7	TCR and CD28 Concomitant Stimulation Elicits a Distinctive Calcium Response in Naive T Cells. Frontiers in Immunology, 2018, 9, 2864.	2.2	27
8	A Theoretical High-Density Nanoscopy Study Leads to the Design of UNLOC, a Parameter-free Algorithm. Biophysical Journal, 2018, 115, 565-576.	0.2	28
9	Developmental origin and maintenance of distinct testicular macrophage populations. Journal of Experimental Medicine, 2017, 214, 2829-2841.	4.2	112
10	Detection of long-range electrostatic interactions between charged molecules by means of fluorescence correlation spectroscopy. Physical Review E, 2017, 96, 022403.	0.8	10
11	A user's guide for characterizing plasma membrane subdomains in living cells by spot variation fluorescence correlation spectroscopy. Methods in Cell Biology, 2017, 139, 1-22.	0.5	11
12	Glycosylation-Dependent IFN-Î³R Partitioning in Lipid and Actin Nanodomains Is Critical for JAK Activation. Cell, 2016, 166, 920-934.	13.5	110
13	Physiological Epidermal Growth Factor Concentrations Activate High Affinity Receptors to Elicit Calcium Oscillations. PLoS ONE, 2014, 9, e106803.	1.1	16
14	Independent Synchronized Control and Visualization of Interactions between Living Cells and Organisms. Biophysical Journal, 2014, 106, 2096-2104.	0.2	25
15	Probing the Plasma Membrane Organization in Living Cells by Spot Variation Fluorescence Correlation Spectroscopy. Methods in Enzymology, 2013, 519, 277-302.	0.4	28
16	Mapping Molecular Diffusion in the Plasma Membrane by Multiple-Target Tracing (MTT). Journal of Visualized Experiments, 2012, , e3599.	0.2	4
17	Deciphering Cell Membrane Organization Based on Lateral Diffusion Measurements by Fluorescence Correlation Spectroscopy at Different Length Scales. Springer Series on Fluorescence, 2012, , 271-289.	0.8	0
18	Confinement of Activating Receptors at the Plasma Membrane Controls Natural Killer Cell Tolerance. Science Signaling, 2011, 4, ra21.	1.6	122

#	Article	IF	Citations
19	Identification of a lysine-rich region of Fas as a raft nanodomain targeting signal necessary for Fas-mediated cell death. Experimental Cell Research, 2010, 316, 1513-1522.	1.2	21
20	Palmitoylation of human FasL modulates its cell death-inducing function. Cell Death and Disease, 2010, 1, e88-e88.	2.7	42
21	The extracellular glycosphingolipid-binding motif of Fas defines its internalization route, mode and outcome of signals upon activation by ligand. Cell Death and Differentiation, 2008, 15, 1824-1837.	5.0	57