

Donatienne Tyteca

List of Publications by Year in descending order

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papers

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516710

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1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on lipid lateral heterogeneity in plasma membranes: From rafts to submicrometric domains. <i>Progress in Lipid Research</i> , 2016, 62, 1-24.	11.6	134
2	Plasma Membrane Lipid Domains as Platforms for Vesicle Biogenesis and Shedding?. <i>Biomolecules</i> , 2018, 8, 94.	4.0	112
3	PEGylation of antibody fragments greatly increases their local residence time following delivery to the respiratory tract. <i>Journal of Controlled Release</i> , 2014, 187, 91-100.	9.9	72
4	Endogenous sphingomyelin segregates into submicrometric domains in the living erythrocyte membrane. <i>Journal of Lipid Research</i> , 2014, 55, 1331-1342.	4.2	57
5	Cholesterol segregates into submicrometric domains at the living erythrocyte membrane: evidence and regulation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4633-4651.	5.4	46
6	Nanoscale membrane architecture of healthy and pathological red blood cells. <i>Nanoscale Horizons</i> , 2018, 3, 293-304.	8.0	42
7	Micrometric segregation of fluorescent membrane lipids: relevance for endogenous lipids and biogenesis in erythrocytes. <i>Journal of Lipid Research</i> , 2013, 54, 1066-1076.	4.2	39
8	Regulation of Membrane Calcium Transport Proteins by the Surrounding Lipid Environment. <i>Biomolecules</i> , 2019, 9, 513.	4.0	37
9	Spatial Relationship and Functional Relevance of Three Lipid Domain Populations at the Erythrocyte Surface. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1544-1565.	1.6	32
10	Membrane cholesterol delays cellular apoptosis induced by ginsenoside Rh2, a steroid saponin. <i>Toxicology and Applied Pharmacology</i> , 2018, 352, 59-67.	2.8	29
11	Regulation of Macrophage Motility by the Water Channel Aquaporin-1: Crucial Role of M0/M2 Phenotype Switch. <i>PLoS ONE</i> , 2015, 10, e0117398.	2.5	28
12	Interplay Between Plasma Membrane Lipid Alteration, Oxidative Stress and Calcium-Based Mechanism for Extracellular Vesicle Biogenesis From Erythrocytes During Blood Storage. <i>Frontiers in Physiology</i> , 2020, 11, 712.	2.8	28
13	Segregation of Fluorescent Membrane Lipids into Distinct Micrometric Domains: Evidence for Phase Compartmentation of Natural Lipids?. <i>PLoS ONE</i> , 2011, 6, e17021.	2.5	25
14	Tuning of Differential Lipid Order Between Submicrometric Domains and Surrounding Membrane Upon Erythrocyte Reshaping. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2563-2582.	1.6	22
15	Label-Free Imaging of Cholesterol Assemblies Reveals Hidden Nanomechanics of Breast Cancer Cells. <i>Advanced Science</i> , 2020, 7, 2002643.	11.2	21
16	High-resolution mapping and recognition of lipid domains using AFM with toxin-derivatized probes. <i>Chemical Communications</i> , 2018, 54, 6903-6906.	4.1	20
17	The activity of the saponin ginsenoside Rh2 is enhanced by the interaction with membrane sphingomyelin but depressed by cholesterol. <i>Scientific Reports</i> , 2019, 9, 7285.	3.3	15
18	Surface cholesterol-enriched domains specifically promote invasion of breast cancer cell lines by controlling invadopodia and extracellular matrix degradation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	14

#	ARTICLE	IF	CITATIONS
19	Aberrant Membrane Composition and Biophysical Properties Impair Erythrocyte Morphology and Functionality in Elliptocytosis. <i>Biomolecules</i> , 2020, 10, 1120.	4.0	10
20	Non-senescent keratinocytes organize in plasma membrane submicrometric lipid domains enriched in sphingomyelin and involved in re-epithelialization. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 958-971.	2.4	8
21	Lipid Domains and Membrane (Re)Shaping: From Biophysics to Biology. <i>Springer Series in Biophysics</i> , 2017, , 121-175.	0.4	7
22	Impaired Cytoskeletal and Membrane Biophysical Properties of Acanthocytes in Hypobetalipoproteinemia – A Case Study. <i>Frontiers in Physiology</i> , 2021, 12, 638027.	2.8	6