Donatienne Tyteca

List of Publications by Year
in descending order

22	804	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	1103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface cholesterol-enriched domains specifically promote invasion of breast cancer cell lines by controlling invadopodia and extracellular matrix degradation. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	14
2	Impaired Cytoskeletal and Membrane Biophysical Properties of Acanthocytes in Hypobetalipoproteinemia â€“ A Case Study. Frontiers in Physiology, 2021, 12, 638027.	2.8	6
3	Interplay Between Plasma Membrane Lipid Alteration, Oxidative Stress and Calcium-Based Mechanism for Extracellular Vesicle Biogenesis From Erythrocytes During Blood Storage. Frontiers in Physiology, 2020, 11, 712.	2.8	28
4	Labelâ€Free Imaging of Cholesterol Assemblies Reveals Hidden Nanomechanics of Breast Cancer Cells. Advanced Science, 2020, 7, 2002643.	11.2	21
5	Aberrant Membrane Composition and Biophysical Properties Impair Erythrocyte Morphology and Functionality in Elliptocytosis. Biomolecules, 2020, 10, 1120.	4.0	10
6	Regulation of Membrane Calcium Transport Proteins by the Surrounding Lipid Environment. Biomolecules, 2019, 9, 513.	4.0	37
7	The activity of the saponin ginsenoside Rh2 is enhanced by the interaction with membrane sphingomyelin but depressed by cholesterol. Scientific Reports, 2019, 9, 7285.	3.3	15
8	Nanoscale membrane architecture of healthy and pathological red blood cells. Nanoscale Horizons, 2018, 3, 293-304.	8.0	42
9	Spatial Relationship and Functional Relevance of Three Lipid Domain Populations at the Erythrocyte Surface. Cellular Physiology and Biochemistry, 2018, 51, 1544-1565.	1.6	32
10	Plasma Membrane Lipid Domains as Platforms for Vesicle Biogenesis and Shedding?. Biomolecules, 2018, 8, 94.	4.0	112
11	High-resolution mapping and recognition of lipid domains using AFM with toxin-derivatized probes. Chemical Communications, 2018, 54, 6903-6906.	4.1	20
12	Membrane cholesterol delays cellular apoptosis induced by ginsenoside Rh2, a steroid saponin. Toxicology and Applied Pharmacology, 2018, 352, 59-67.	2.8	29
13	Tuning of Differential Lipid Order Between Submicrometric Domains and Surrounding Membrane Upon Erythrocyte Reshaping. Cellular Physiology and Biochemistry, 2018, 48, 2563-2582.	1.6	22
14	Non-senescent keratinocytes organize in plasma membrane submicrometric lipid domains enriched in sphingomyelin and involved in re-epithelialization. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 958-971.	2.4	8
15	Lipid Domains and Membrane (Re)Shaping: From Biophysics to Biology. Springer Series in Biophysics, 2017, , 121-175.	0.4	7
16	Recent progress on lipid lateral heterogeneity in plasma membranes: From rafts to submicrometric domains. Progress in Lipid Research, 2016, 62, 1-24.	11.6	134
17	Regulation of Macrophage Motility by the Water Channel Aquaporin-1: Crucial Role of M0/M2 Phenotype Switch. PLoS ONE, 2015, 10, e0117398.	2.5	28
18	Cholesterol segregates into submicrometric domains at the living erythrocyte membrane: evidence and regulation. Cellular and Molecular Life Sciences, 2015, 72, 4633-4651.	5.4	46

#	Article	IF	Citations
19	Endogenous sphingomyelin segregates into submicrometric domains in the living erythrocyte membrane. Journal of Lipid Research, 2014, 55, 1331-1342.	4.2	57
20	PEGylation of antibody fragments greatly increases their local residence time following delivery to the respiratory tract. Journal of Controlled Release, 2014, 187, 91-100.	9.9	72
21	Micrometric segregation of fluorescent membrane lipids: relevance for endogenous lipids and biogenesis in erythrocytes. Journal of Lipid Research, 2013, 54, 1066-1076.	4.2	39
22	Segregation of Fluorescent Membrane Lipids into Distinct Micrometric Domains: Evidence for Phase Compartmentation of Natural Lipids?. PLoS ONE, 2011, 6, e17021.	2.5	25