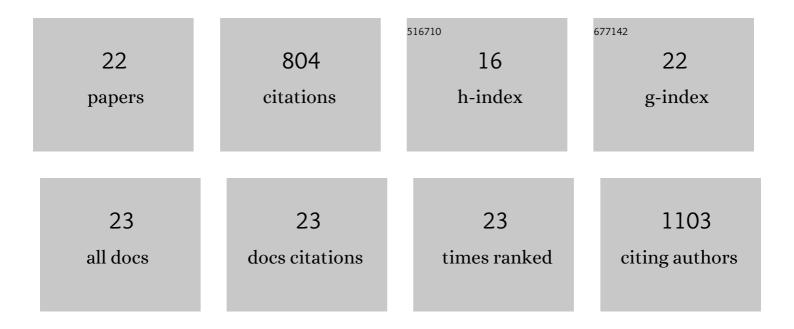
## Donatienne Tyteca

List of Publications by Year in descending order

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DONATIENNE TYTECA

#	Article	IF	CITATIONS
1	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
2	Plasma Membrane Lipid Domains as Platforms for Vesicle Biogenesis and Shedding?. Biomolecules, 2018, 8, 94.	4.0	112
3	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
4	Endogenous sphingomyelin segregates into submicrometric domains in the living erythrocyte membrane. Journal of Lipid Research, 2014, 55, 1331-1342.	4.2	57
5	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
6	Nanoscale membrane architecture of healthy and pathological red blood cells. Nanoscale Horizons, 2018, 3, 293-304.	8.0	42
7	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
8	Regulation of Membrane Calcium Transport Proteins by the Surrounding Lipid Environment. Biomolecules, 2019, 9, 513.	4.0	37
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	Membrane cholesterol delays cellular apoptosis induced by ginsenoside Rh2, a steroid saponin. Toxicology and Applied Pharmacology, 2018, 352, 59-67.	2.8	29
11	Regulation of Macrophage Motility by the Water Channel Aquaporin-1: Crucial Role of MO/M2 Phenotype Switch. PLoS ONE, 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. Frontiers in Physiology, 2020, 11, 712.	2.8	28
13	Segregation of Fluorescent Membrane Lipids into Distinct Micrometric Domains: Evidence for Phase Compartmentation of Natural Lipids?. PLoS ONE, 2011, 6, e17021.	2.5	25
14	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
15	Labelâ€Free Imaging of Cholesterol Assemblies Reveals Hidden Nanomechanics of Breast Cancer Cells. Advanced Science, 2020, 7, 2002643.	11.2	21
16	High-resolution mapping and recognition of lipid domains using AFM with toxin-derivatized probes. Chemical Communications, 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. Scientific Reports, 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. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	14

#	Article	IF	CITATIONS
19	Aberrant Membrane Composition and Biophysical Properties Impair Erythrocyte Morphology and Functionality in Elliptocytosis. Biomolecules, 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. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 958-971.	2.4	8
21	Lipid Domains and Membrane (Re)Shaping: From Biophysics to Biology. Springer Series in Biophysics, 2017, , 121-175.	0.4	7
22	Impaired Cytoskeletal and Membrane Biophysical Properties of Acanthocytes in Hypobetalipoproteinemia – A Case Study. Frontiers in Physiology, 2021, 12, 638027.	2.8	6