

# Sophie Cribier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1306074/publications.pdf>

Version: 2024-02-01

21  
papers

1,379  
citations

516561

16  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outside-inside translocation of aminophospholipids in the human erythrocyte membrane is mediated by a specific enzyme. <i>Biochemistry</i> , 1986, 25, 2585-2590.	1.2	230
2	ATP-dependent translocation of amino phospholipids across the human erythrocyte membrane. <i>FEBS Letters</i> , 1986, 194, 21-27.	1.3	154
3	Rab27A and its effector MyRIP link secretory granules to F-actin and control their motion towards release sites. <i>Journal of Cell Biology</i> , 2003, 163, 559-570.	2.3	154
4	Analysis of Transient Behavior in Complex Trajectories: Application to Secretory Vesicle Dynamics. <i>Biophysical Journal</i> , 2006, 91, 3542-3559.	0.2	141
5	Giant vesicles formed by gentle hydration and electroformation: A comparison by fluorescence microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 42, 125-130.	2.5	140
6	Rapid Transbilayer Movement of Ceramides in Phospholipid Vesicles and in Human Erythrocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 25811-25819.	1.6	136
7	Quantitative fluorescence spectroscopy and flow cytometry analyses of cell-penetrating peptide internalization pathways: optimization, pitfalls, comparison with mass spectrometry quantification. <i>Scientific Reports</i> , 2016, 6, 36938.	1.6	81
8	Direct translocation of cell-penetrating peptides in liposomes: A combined mass spectrometry quantification and fluorescence detection study. <i>Analytical Biochemistry</i> , 2013, 438, 1-10.	1.1	50
9	Photocontrol of the Translocation of Molecules, Peptides, and Quantum Dots through Cell and Lipid Membranes Doped with Azobenzene Copolymers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2132-2136.	7.2	36
10	Massive glycosaminoglycan-dependent entry of Trp-containing cell-penetrating peptides induced by exogenous sphingomyelinase or cholesterol depletion. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 809-820.	2.4	34
11	Cubic Phase of Lipid-containing Systems. <i>Journal of Molecular Biology</i> , 1993, 229, 517-525.	2.0	32
12	A 20-nm Step toward the Cell Membrane Preceding Exocytosis May Correspond to Docking of Tethered Granules. <i>Biophysical Journal</i> , 2008, 94, 2891-2905.	0.2	30
13	Quantitative comparison between aminophospholipid translocase activity in human erythrocytes and in K562 cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1148, 85-90.	1.4	28
14	Permeabilization of Lipid Membranes and Cells by a Light-Responsive Copolymer. <i>Langmuir</i> , 2010, 26, 14135-14141.	1.6	27
15	Serotonin Secretion by Human Carcinoid BON Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1014, 179-188.	1.8	26
16	Transition from long- to short-lived transient pores in giant vesicles in an aqueous medium. <i>Physical Review E</i> , 2006, 74, 061902.	0.8	26
17	Short-range specific forces are able to induce hemifusion. <i>European Biophysics Journal</i> , 2001, 30, 91-97.	1.2	16
18	Characterization of sequential exocytosis in a human neuroendocrine cell line using evanescent wave microscopy and "virtual trajectory" analysis. <i>European Biophysics Journal</i> , 2007, 37, 55-69.	1.2	16

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19	Asymmetrical stress generated by the erythrocyte lipid flippase triggers multiple bud formation on the surface of spherical giant liposomes. <i>European Biophysics Journal</i> , 2010, 39, 1277-1280.	1.2	10
20	Interactions between $\beta$ -enolase and creatine kinase in the cytosol of skeletal muscle cells. <i>Biochemical Journal</i> , 2000, 346, 127.	1.7	6
21	Binding and crossing: Methods for the characterization of membrane-active peptides interactions with membranes at the molecular level. <i>Archives of Biochemistry and Biophysics</i> , 2021, 699, 108751.	1.4	2