

# Cherine Bechara

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,924  
citations

471509

17  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-penetrating peptides: 20 years later, where do we stand?. FEBS Letters, 2013, 587, 1693-1702.	2.8	723
2	High-resolution mass spectrometry of small molecules bound to membrane proteins. Nature Methods, 2016, 13, 333-336.	19.0	205
3	Structural insights into adiponectin receptors suggest ceramidase activity. Nature, 2017, 544, 120-123.	27.8	168
4	A subset of annular lipids is linked to the flippase activity of an ABC transporter. Nature Chemistry, 2015, 7, 255-262.	13.6	112
5	Tryptophan within basic peptide sequences triggers glycosaminoglycan-dependent endocytosis. FASEB Journal, 2013, 27, 738-749.	0.5	105
6	Relationships between Membrane Binding, Affinity and Cell Internalization Efficacy of a Cell-Penetrating Peptide: Penetratin as a Case Study. PLoS ONE, 2011, 6, e24096.	2.5	87
7	Identifying key membrane protein lipid interactions using mass spectrometry. Nature Protocols, 2018, 13, 1106-1120.	12.0	85
8	Different Modes of Lipid Binding to Membrane Proteins Probed by Mass Spectrometry. Journal of the American Chemical Society, 2015, 137, 5240-5247.	13.7	63
9	Molecular partners for interaction and cell internalization of cell-penetrating peptides: how identical are they?. Nanomedicine, 2012, 7, 133-143.	3.3	48
10	Massive glycosaminoglycan-dependent entry of Trp-containing cell-penetrating peptides induced by exogenous sphingomyelinase or cholesterol depletion. Cellular and Molecular Life Sciences, 2015, 72, 809-820.	5.4	34
11	The lipid environment of Escherichia coli Aquaporin Z. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 431-440.	2.6	33
12	MALDI-TOF Mass Spectrometry Analysis of Amphipol-Trapped Membrane Proteins. Analytical Chemistry, 2012, 84, 6128-6135.	6.5	31
13	Structural mass spectrometry comes of age: new insight into protein structure, function and interactions. Biochemical Society Transactions, 2019, 47, 317-327.	3.4	30
14	Self-assembling mini cell-penetrating peptides enter by both direct translocation and glycosaminoglycan-dependent endocytosis. Chemical Communications, 2012, 48, 7179.	4.1	29
15	Small Molecule Inhibitors of Disulfide Bond Formation by the Bacterial DsbA/DsbB Dual Enzyme System. ACS Chemical Biology, 2015, 10, 957-964.	3.4	27
16	Homeoproteins and Homeoprotein-derived Peptides: Going in and Out. Current Pharmaceutical Design, 2013, 19, 2851-2862.	1.9	23
17	Toxoplasma gondii chromosomal passenger complex is essential for the organization of a functional mitotic spindle: a prerequisite for productive endodyogeny. Cellular and Molecular Life Sciences, 2018, 75, 4417-4443.	5.4	20
18	Discovery and Mechanism of Action of Small Molecule Inhibitors of Ceramidases**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19

#	ARTICLE	IF	CITATIONS
19	Is There Anybody in There? On The Mechanisms of Wall Crossing of Cell Penetrating Peptides. <i>Current Protein and Peptide Science</i> , 2012, 13, 658-671.	1.4	15
20	Flexible Stoichiometry and Asymmetry of the PIDDosome Core Complex by Heteronuclear NMR Spectroscopy and Mass Spectrometry. <i>Journal of Molecular Biology</i> , 2015, 427, 737-752.	4.2	14
21	Molecular insights into mechanisms of GPCR hijacking by <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
22	Small AntiMicrobial Peptide with In Vivo Activity Against Sepsis. <i>Molecules</i> , 2019, 24, 1702.	3.8	11
23	Study of CPP Mechanisms by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1324, 107-121.	0.9	9
24	In-capillary (electrophoretic) digestion-reduction-separation: A smart tool for middle-up analysis of mAb. <i>Journal of Chromatography A</i> , 2021, 1648, 462213.	3.7	7
25	Structural insights into recognition of chemokine receptors by <i>Staphylococcus aureus</i> leukotoxins. <i>ELife</i> , 2022, 11, .	6.0	7
26	Discovery and mechanism of action of small molecule inhibitors of ceramidases. <i>Angewandte Chemie</i> , 0, , .	2.0	3
27	A Subset of Annular Lipids is Linked to the Flippase Activity of an ABC Transporter. <i>Biophysical Journal</i> , 2015, 108, 202a.	0.5	1