

# Caroline Koshy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11439823/publications.pdf>

Version: 2024-02-01

9  
papers

514  
citations

1163117  
8  
h-index

1474206  
9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternating-access mechanism in conformationally asymmetric trimers of the betaine transporter BetP. <i>Nature</i> , 2012, 490, 126-130.	27.8	133
2	100 ns Molecular Dynamics Simulations to Study Intramolecular Conformational Changes in Bax. <i>Journal of Biomolecular Structure and Dynamics</i> , 2010, 28, 71-83.	3.5	82
3	Investigation of the sodium-binding sites in the sodium-coupled betaine transporter BetP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3035-44.	7.1	73
4	Structural evidence for functional lipid interactions in the betaine transporter BetP. <i>EMBO Journal</i> , 2013, 32, 3096-3105.	7.8	73
5	Substrate specificity and ion coupling in the Na <sup>+</sup> /betaine symporter BetP. <i>EMBO Journal</i> , 2011, 30, 1221-1229.	7.8	60
6	Structural insights into functional lipid-protein interactions in secondary transporters. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 476-487.	2.4	44
7	The N-terminus and alpha-5, alpha-6 helices of the pro-apoptotic protein Bax, modulate functional interactions with the anti-apoptotic protein Bcl-xL. <i>BMC Cell Biology</i> , 2007, 8, 16.	3.0	25
8	Role of Bundle Helices in a Regulatory Crosstalk in the Trimeric Betaine Transporter BetP. <i>Journal of Molecular Biology</i> , 2011, 414, 327-336.	4.2	17
9	Interpretation of spectroscopic data using molecular simulations for the secondary active transporter BetP. <i>Journal of General Physiology</i> , 2019, 151, 381-394.	1.9	7