

# Carl E Creutz

## List of Publications by Year in descending order

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37  
papers

3,341  
citations

304743

22  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annexins: linking Ca <sup>2+</sup> signalling to membrane dynamics. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 449-461.	37.0	1,234
2	Aggregation of chromaffin granules by calpactin at micromolar levels of calcium. <i>Nature</i> , 1988, 331, 88-91.	27.8	456
3	The Copines, a Novel Class of C2 Domain-containing, Calcium-dependent, Phospholipid-binding Proteins Conserved from Paramecium to Humans. <i>Journal of Biological Chemistry</i> , 1998, 273, 1393-1402.	3.4	203
4	The Chromaffin Granule and Possible Mechanisms of Exocytosis. <i>International Review of Cytology</i> , 1979, 58, 159-197.	6.2	141
5	p60c-src activity detected in the chromaffin granule membrane. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 736-742.	2.1	120
6	Identification of Targets for Calcium Signaling through the Copine Family of Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 10048-10054.	3.4	112
7	Cell Biology: Consensus in exocytosis. <i>Nature</i> , 1986, 320, 573-573.	27.8	99
8	Polyproline, $\hat{I}^2$ -turn helices. Novel secondary structures proposed for the tandem repeats within rhodopsin, synaptophysin, synexin, gliadin, RNA polymerase II, hordein, and gluten. <i>Proteins: Structure, Function and Bioinformatics</i> , 1990, 7, 125-155.	2.6	98
9	Calcium-dependent Binding of Sorcin to the N-terminal Domain of Synexin (Annexin VII). <i>Journal of Biological Chemistry</i> , 1997, 272, 22182-22190.	3.4	88
10	Regulation of the chromaffin granule aggregating activity of annexin I by phosphorylation. <i>Biochemistry</i> , 1992, 31, 9934-9939.	2.5	84
11	Biochemical Characterization of Copine: A Ubiquitous Ca <sup>2+</sup> -Dependent, Phospholipid-Binding Protein. <i>Biochemistry</i> , 2000, 39, 16163-16175.	2.5	81
12	Annexin IV Reduces the Rate of Lateral Lipid Diffusion and Changes the Fluid Phase Structure of the Lipid Bilayer When It Binds to Negatively Charged Membranes in the Presence of Calcium. <i>Biochemistry</i> , 1994, 33, 8225-8232.	2.5	76
13	Calcium-dependent regulation of tumour necrosis factor-alpha receptor signalling by copine. <i>Biochemical Journal</i> , 2004, 378, 1089-1094.	3.7	69
14	Endonexin (annexin IV)-mediated lateral segregation of phosphatidylglycerol in phosphatidylglycerol/phosphatidylcholine membranes. <i>Biochemistry</i> , 1993, 32, 9968-9974.	2.5	52
15	Calcium-Dependent Self-Association of Synaptotagmin I. <i>Journal of Neurochemistry</i> , 1996, 67, 1661-1668.	3.9	51
16	Ca <sup>2+</sup> -Dependent Binding of Endonexin (Annexin IV) to Membranes: Analysis of the Effects of Membrane Lipid Composition and Development of a Predictive Model for the Binding Interaction. <i>Biochemistry</i> , 1994, 33, 8930-8940.	2.5	47
17	Membrane-Bound 3D Structures Reveal the Intrinsic Flexibility of Annexin VI. <i>Journal of Structural Biology</i> , 2000, 130, 54-62.	2.8	44
18	Combinatorial Mutagenesis of the Four Domains of Annexin IV: Effects on Chromaffin Granule Binding and Aggregating Activities. <i>Biochemistry</i> , 1995, 34, 3121-3132.	2.5	43

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19	Protection of the Membrane Permeability Barrier by Annexins. <i>Biochemistry</i> , 2012, 51, 9966-9983.	2.5	31
20	Interactions of Annexins with the mu Subunits of the Clathrin Assembly Proteins. <i>Biochemistry</i> , 2005, 44, 13795-13806.	2.5	30
21	Calcium-Dependent Binding of the Plasma Protein Apolipoprotein A-I to Two Members of the Annexin Family. <i>Biochemistry</i> , 1996, 35, 6839-6845.	2.5	29
22	Structural and Dynamic Changes in Human Annexin VI Induced by a Phosphorylation-Mimicking Mutation, T356D. <i>Biochemistry</i> , 2003, 42, 620-630.	2.5	24
23	Membrane domain formation by calcium-dependent, lipid-binding proteins: insights from the C2 motif. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 227-235.	4.1	22
24	Pattern of repeating aromatic residues in synexin. Similarity to the cytoplasmic domain of synaptophysin. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 1298-1303.	2.1	20
25	Cloning and genetic characterization of a calcium- and phospholipid-binding protein from <i>Saccharomyces cerevisiae</i> that is homologous to translation elongation factor-1 $\beta$ . <i>Yeast</i> , 1993, 9, 151-163.	1.7	20
26	Organization and synergistic binding of copine I and annexin A1 on supported lipid bilayers observed by atomic force microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1950-1961.	2.6	15
27	Cloning and genetic analysis of the gene encoding a new protein kinase in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1993, 9, 141-150.	1.7	14
28	Purine Composition of the Crystalline Cytoplasmic Inclusions of <i>Paramecium tetraurelia</i> . <i>Protist</i> , 2002, 153, 39-45.	1.5	11
29	Direct Effects of Adrenocorticotrophic Hormone on Bovine Adrenomedullary Cells: Adenosine 3',5'-Monophosphate-Dependent Phosphorylation of Tyrosine Hydroxylase*. <i>Endocrinology</i> , 1985, 117, 730-737.	2.8	9
30	Assembly of High Molecular Weight Complexes of Lipin on a Supported Lipid Bilayer Observed by Atomic Force Microscopy. <i>Biochemistry</i> , 2013, 52, 5092-5102.	2.5	6
31	Quaternary structure of the small amino acid transporter OprG from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 17267-17277.	3.4	4
32	Reflections on Twenty-Five Years of Annexin Research. <i>Molecular Biology Intelligence Unit</i> , 2003, , 1-20.	0.2	3
33	Expression of Metazoan Annexins in Yeast Provides Protection Against Deleterious Effects of the Biofuel Isobutanol. <i>Scientific Reports</i> , 2019, 9, 18603.	3.3	2
34	Synaptotagmin II expression partially rescues the growth defect of the yeast sec15 secretory mutant. <i>Biology of the Cell</i> , 1996, 88, 55-63.	2.0	1
35	Isolation of Chromaffin Granules. <i>Current Protocols in Cell Biology</i> , 2010, 48, Unit 3.39.1-10.	2.3	1
36	Novel protein ligands of the annexin A7 N-terminal region suggest pro-beta helices engage one another with high specificity. <i>General Physiology and Biophysics</i> , 2009, 28 Spec No Focus, F7-F13.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Copine. , 2018, , 1192-1198.		0