

Carl E Creutz

List of Publications by Year in descending order

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37
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3,341
citations

304743

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docs citations

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times ranked

3508
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Copine. , 2018, , 1192-1198.		0
4	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
5	Protection of the Membrane Permeability Barrier by Annexins. <i>Biochemistry</i> , 2012, 51, 9966-9983.	2.5	31
6	Isolation of Chromaffin Granules. <i>Current Protocols in Cell Biology</i> , 2010, 48, Unit 3.39.1-10.	2.3	1
7	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
8	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
9	Annexins: linking Ca ²⁺ signalling to membrane dynamics. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 449-461.	37.0	1,234
10	Interactions of Annexins with the mu Subunits of the Clathrin Assembly Proteins. <i>Biochemistry</i> , 2005, 44, 13795-13806.	2.5	30
11	Calcium-dependent regulation of tumour necrosis factor-alpha receptor signalling by copine. <i>Biochemical Journal</i> , 2004, 378, 1089-1094.	3.7	69
12	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
13	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
14	Reflections on Twenty-Five Years of Annexin Research. <i>Molecular Biology Intelligence Unit</i> , 2003, , 1-20.	0.2	3
15	Purine Composition of the Crystalline Cytoplasmic Inclusions of <i>Paramecium tetraurelia</i> . <i>Protist</i> , 2002, 153, 39-45.	1.5	11
16	Membrane-Bound 3D Structures Reveal the Intrinsic Flexibility of Annexin VI. <i>Journal of Structural Biology</i> , 2000, 130, 54-62.	2.8	44
17	Biochemical Characterization of Copine: A Ubiquitous Ca ²⁺ -Dependent, Phospholipid-Binding Protein. <i>Biochemistry</i> , 2000, 39, 16163-16175.	2.5	81
18	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

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19	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
20	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
21	Synaptotagmin II expression partially rescues the growth defect of the yeast <i>sec15</i> secretory mutant. <i>Biology of the Cell</i> , 1996, 88, 55-63.	2.0	1
22	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
23	Calcium-Dependent Self-Association of Synaptotagmin I. <i>Journal of Neurochemistry</i> , 1996, 67, 1661-1668.	3.9	51
24	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
25	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
26	Ca ²⁺ -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
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	Cloning and genetic characterization of a calcium- and phospholipid-binding protein from <i>Saccharomyces cerevisiae</i> that is homologous to translation elongation factor-1 β . <i>Yeast</i> , 1993, 9, 151-163.	1.7	20
29	Endonexin (annexin IV)-mediated lateral segregation of phosphatidylglycerol in phosphatidylglycerol/phosphatidylcholine membranes. <i>Biochemistry</i> , 1993, 32, 9968-9974.	2.5	52
30	Regulation of the chromaffin granule aggregating activity of annexin I by phosphorylation. <i>Biochemistry</i> , 1992, 31, 9934-9939.	2.5	84
31	Polyproline, β -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
32	Aggregation of chromaffin granules by calpactin at micromolar levels of calcium. <i>Nature</i> , 1988, 331, 88-91.	27.8	456
33	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
34	p60 ^{c-src} activity detected in the chromaffin granule membrane. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 736-742.	2.1	120
35	Cell Biology: Consensus in exocytosis. <i>Nature</i> , 1986, 320, 573-573.	27.8	99
36	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

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37	The Chromaffin Granule and Possible Mechanisms of Exocytosis. International Review of Cytology, 1979, 58, 159-197.	6.2	141