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List of Publications by Year
in descending order

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27 papers	445 citations	1039406 9 h-index	940134 16 g-index
29 all docs	29 docs citations	29 times ranked	494 citing authors

#	Article	IF	Citations
1	Structural Insights into Phospholipase C-Î²Function. Molecular Pharmacology, 2013, 84, 488-500.	1.0	105
2	Full-length GÎ±qâ€“phospholipase C-Î²3 structure reveals interfaces of the C-terminal coiled-coil domain. Nature Structural and Molecular Biology, 2013, 20, 355-362.	3.6	84
3	An autoinhibitory helix in the C-terminal region of phospholipase C-Î² mediates GÎ±q activation. Nature Structural and Molecular Biology, 2011, 18, 999-1005.	3.6	71
4	Molecular Mechanisms of Phospholipase C Î²3 Autoinhibition. Structure, 2014, 22, 1844-1854.	1.6	37
5	G protein Î²Î³ subunits directly interact with and activate phospholipase CÎ•. Journal of Biological Chemistry, 2018, 293, 6387-6397.	1.6	33
6	Strike a pose: GÎ±q complexes at the membrane. Trends in Pharmacological Sciences, 2014, 35, 23-30.	4.0	31
7	Direct observation of conformational dynamics of the PH domain in phospholipases CÉ› and Î² may contribute to subfamily-specific roles in regulation. Journal of Biological Chemistry, 2018, 293, 17477-17490.	1.6	16
8	Structure and regulation of phospholipase CÎ² and Îµ at the membrane. Chemistry and Physics of Lipids, 2021, 235, 105050.	1.5	14
9	Phospholipase CÎ²3 Membrane Adsorption and Activation Are Regulated by Its C-Terminal Domains and Phosphatidylinositol 4,5-Bisphosphate. Biochemistry, 2017, 56, 5604-5614.	1.2	11
10	Intramolecular electrostatic interactions contribute to phospholipase CÎ²3 autoinhibition. Cellular Signalling, 2019, 62, 109349.	1.7	10
11	GÎ±_q and the Phospholipase CÎ²3 Xâ€“Y Linker Regulate Adsorption and Activity on Compressed Lipid Monolayers. Biochemistry, 2019, 58, 3454-3467.	1.2	9
12	Structure of phospholipase CÎµ reveals an integrated RA1 domain and previously unidentified regulatory elements. Communications Biology, 2020, 3, 445.	2.0	9
13	Quantifying Acute Fuel and Respiration Dependent pH Homeostasis in Live Cells Using the mCherryTYG Mutant as a Fluorescence Lifetime Sensor. Analytical Chemistry, 2019, 91, 8466-8475.	3.2	8
14	Functional and structural characterization of allosteric activation of phospholipase CÎµ by Rap1A. Journal of Biological Chemistry, 2020, 295, 16562-16571.	1.6	3
15	High-resolution structure of RGS17 suggests a role for Ca2+ in promoting the GTPase-activating protein activity by RZ subfamily members. Journal of Biological Chemistry, 2019, 294, 8148-8160.	1.6	2
16	Qâ€™s the Boss: GÎ±q Regulates Gi-Mediated Calcium Release through PLCÎ². Molecular Cell, 2020, 80, 933-934.	4.5	2
17	Understanding molecular mechanism of PLCe regulation by small Gâ€proteins. FASEB Journal, 2021, 35, .	0.2	0
18	Lipids | Phospholipase C. , 2021, , 758-765.		0

#	Article	IF	Citations
19	Molecular Mechanisms of PLCÎ² Activation. FASEB Journal, 2013, 27, 656.1.	0.2	0
20	Conformational Regulation of Phospholipase C Enzymes. FASEB Journal, 2018, 32, 387.1.	0.2	0
21	Conformational Dynamics Contribute to Phospholipase CÎ² Activity. FASEB Journal, 2018, 32, 686.12.	0.2	0
22	The Mechanistic Role of Metal Ions, Ca²⁺ and Mg²⁺, in RGS: Gâ€Protein Interactions. FASEB Journal, 2018, 32, 557.10.	0.2	0
23	The Effect of Membrane Composition on PLCÎ² and GÎ± q â€mediated Activation. FASEB Journal, 2018, 32, 815.1.	0.2	0
24	Molecular Mechanism of Rap1Aâ€Dependent Activation of PLCÉ›. FASEB Journal, 2018, 32, 686.9.	0.2	0
25	Conformational Dynamics of the PH Domain in Phospholipases CÉ› and Î² may Contribute to Subfamilyâ€Specific Roles in Regulation. FASEB Journal, 2019, 33, 809.5.	0.2	0
26	Insights into the Role of the Membrane on PLCÎ² and GÎ± q â€Mediated Activation and Adsorption. FASEB Journal, 2019, 33, 655.3.	0.2	0
27	Molecular Mechanism of Rap1Aâ€Dependent Activation of PLCÉ›. FASEB Journal, 2019, 33, 809.6.	0.2	0