CITATION REPORT List of articles citing

Epac-mediated activation of phospholipase C(epsilon) plays a critical role in beta-adrenergic receptor-dependent enhancement of Ca2+ mobilization in cardiac myocytes

DOI: 10.1074/jbc.m608495200 Journal of Biological Chemistry, 2007, 282, 5488-95.

Source: https://exaly.com/paper-pdf/41341326/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
147	beta2-Adrenergic receptor agonists stimulate L-type calcium current independent of PKA in newborn rabbit ventricular myocytes. 2007 , 293, H2826-35		11
146	Regulation of PC12 cell differentiation by cAMP signaling to ERK independent of PKA: do all the connections add up?. 2007 , 2007, pe15		44
145	Phospholipase Cepsilon is a nexus for Rho and Rap-mediated G protein-coupled receptor-induced astrocyte proliferation. 2007 , 104, 15543-8		63
144	The cAMP binding protein Epac modulates Ca2+ sparks by a Ca2+/calmodulin kinase signalling pathway in rat cardiac myocytes. 2007 , 583, 685-94		156
143	EPAC regulation of cardiac EC coupling. 2007 , 584, 1029-31		11
142	Epac: effectors and biological functions. 2008 , 377, 345-57		111
141	Epac activation, altered calcium homeostasis and ventricular arrhythmogenesis in the murine heart. 2008 , 457, 253-70		57
140	Epac and PKA: a tale of two intracellular cAMP receptors. 2008, 40, 651-62		234
139	Transformation of adult rat cardiac myocytes in primary culture. 2008, 93, 370-82		65
138	Role of the cAMP sensor Epac as a determinant of KATP channel ATP sensitivity in human pancreatic beta-cells and rat INS-1 cells. 2008 , 586, 1307-19		68
137	Epac-selective cAMP analogs: new tools with which to evaluate the signal transduction properties of cAMP-regulated guanine nucleotide exchange factors. 2008 , 20, 10-20		144
136	Negative regulation of beta-adrenergic function by hydrogen sulphide in the rat hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 701-10	5.8	78
135	Small GTP-binding proteins and their regulators in cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 623-32	5.8	68
134	Dual activation of phospholipase C-epsilon by Rho and Ras GTPases. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29690-8	5.4	33
133	[Ryanodine receptor and heart disease]. 2008 , 24, 399-405		2
132	The cAMP binding protein Epac regulates cardiac myofilament function. 2009 , 106, 14144-9		72
131	Epac and phospholipase Cepsilon regulate Ca2+ release in the heart by activation of protein kinase Cepsilon and calcium-calmodulin kinase II. <i>Journal of Biological Chemistry</i> , 2009 , 284, 1514-22	5.4	148

(2010-2009)

130	Specificity in Ras and Rap signaling. <i>Journal of Biological Chemistry</i> , 2009 , 284, 10995-9	5.4	141
129	Epac activates the small G proteins Rap1 and Rab3A to achieve exocytosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24825-39	5.4	75
128	Evolutionary conservation of the signaling proteins upstream of cyclic AMP-dependent kinase and protein kinase C in gastropod mollusks. 2009 , 74, 191-205		14
127	Small G proteins as key regulators of pancreatic digestive enzyme secretion. 2009 , 296, E405-14		37
126	Phospholipase C isozymes as effectors of Ras superfamily GTPases. 2009 , 50 Suppl, S243-8		35
125	EPAC proteins transduce diverse cellular actions of cAMP. <i>British Journal of Pharmacology</i> , 2009 , 158, 70-86	8.6	118
124	Noradrenaline reduces the ATP-stimulated phosphorylation of p38 MAP kinase via beta-adrenergic receptors-cAMP-protein kinase A-dependent mechanism in cultured rat spinal microglia. 2009 , 55, 226-	34	40
123	Functional characterization of the cAMP-binding proteins Epac in cardiac myocytes. 2009 , 61, 146-53		17
122	Role of the cAMP-binding protein Epac in cardiovascular physiology and pathophysiology. 2010 , 459, 535-46		62
	Epac stimulation induces rapid increases in connexin43 phosphorylation and function without		
121	preconditioning effect. 2010 , 460, 731-41		25
121			2557
	preconditioning effect. 2010 , 460, 731-41 Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway.	8.6	
120	preconditioning effect. 2010 , 460, 731-41 Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway. 2010 , 22, 1459-68 The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal	8.6	57
120 119	Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway. 2010, 22, 1459-68 The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal function. <i>British Journal of Pharmacology</i> , 2010, 159, 265-84 Epac2-dependent mobilization of intracellular Call+ by glucagon-like peptide-1 receptor agonist	8.6	57
120 119 118	Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway. 2010, 22, 1459-68 The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal function. <i>British Journal of Pharmacology</i> , 2010, 159, 265-84 Epac2-dependent mobilization of intracellular Call+ by glucagon-like peptide-1 receptor agonist exendin-4 is disrupted in li-cells of phospholipase C-lknockout mice. 2010, 588, 4871-89 beta-Arrestin-dependent activation of Ca(2+)/calmodulin kinase II after beta(1)-adrenergic receptor	8.6 5·4	57 117 53
120 119 118	Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway. 2010, 22, 1459-68 The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal function. British Journal of Pharmacology, 2010, 159, 265-84 Epac2-dependent mobilization of intracellular Call+ by glucagon-like peptide-1 receptor agonist exendin-4 is disrupted in licells of phospholipase C-lknockout mice. 2010, 588, 4871-89 beta-Arrestin-dependent activation of Ca(2+)/calmodulin kinase II after beta(1)-adrenergic receptor stimulation. 2010, 189, 573-87 Suppressor of cytokine signaling-3 is a glucagon-inducible inhibitor of PKA activity and		57 117 53 124
120 119 118 117	Epac activation induces histone deacetylase nuclear export via a Ras-dependent signalling pathway. 2010, 22, 1459-68 The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal function. <i>British Journal of Pharmacology</i> , 2010, 159, 265-84 Epac2-dependent mobilization of intracellular Call+ by glucagon-like peptide-1 receptor agonist exendin-4 is disrupted in licells of phospholipase C-lknockout mice. 2010, 588, 4871-89 beta-Arrestin-dependent activation of Ca(2+)/calmodulin kinase II after beta(1)-adrenergic receptor stimulation. 2010, 189, 573-87 Suppressor of cytokine signaling-3 is a glucagon-inducible inhibitor of PKA activity and gluconeogenic gene expression in hepatocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 41356-65 Activation of cAMP-dependent signaling induces oxidative modification of the cardiac Na+-K+	5.4	57 117 53 124 13

112	Beta-adrenergic receptor signaling in the heart: role of CaMKII. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 48, 322-30	5.8	171
111	Role of calmodulin kinase in catecholaminergic polymorphic ventricular tachycardia. 2011 , 8, 1601-5		6
110	Rap1 GTPases: an emerging role in the cardiovasculature. 2011 , 88, 645-52		38
109	Regulating Rap small G-proteins in time and space. 2011 , 21, 615-23		115
108	Rap-linked cAMP signaling Epac proteins: compartmentation, functioning and disease implications. 2011 , 23, 1257-66		92
107	GPCR/EGFR cross talk is conserved in gonadal and adrenal steroidogenesis but is uniquely regulated by matrix metalloproteinases 2 and 9 in the ovary. 2011 , 25, 1055-65		28
106	A novel cyclic AMP/Epac1/CaMKI signaling cascade promotes GCM1 desumoylation and placental cell fusion. 2011 , 31, 3820-31		36
105	Phospholipase C-llinks Epac2 activation to the potentiation of glucose-stimulated insulin secretion from mouse islets of Langerhans. 2011 , 3, 121-8		58
104	Multiple facets of cAMP signalling and physiological impact: cAMP compartmentalization in the lung. 2012 , 5, 1291-331		24
103	Phosphodiesterases and subcellular compartmentalized cAMP signaling in the cardiovascular system. 2012 , 302, H379-90		49
102	Role of Epac in brain and heart. 2012 , 40, 51-7		24
101	Induction of intracellular calcium concentration by environmental benzo(a)pyrene involves a IZ-adrenergic receptor/adenylyl cyclase/Epac-1/inositol 1,4,5-trisphosphate pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4041-52	5.4	47
100	□Adrenergic modulation of spontaneous spatiotemporal activity patterns and synchrony in hyperexcitable hippocampal circuits. 2012 , 108, 658-71		9
99	Novel control of cAMP-regulated transcription in vascular endothelial cells. 2012 , 40, 1-5		10
98	Activity of PLCIcontributes to chemotaxis of fibroblasts towards PDGF. 2012, 125, 5758-69		12
97	Epac enhances excitation-transcription coupling in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 283-91	5.8	58
96	AMP-activated protein kinase: new regulation, new roles?. 2012 , 445, 11-27		299
95	Resveratrol ameliorates aging-related metabolic phenotypes by inhibiting cAMP phosphodiesterases. 2012 , 148, 421-33		1012

94	The phospholipase C isozymes and their regulation. 2012 , 58, 61-94	107
93	Role of phospholipase Clin physiological phosphoinositide signaling networks. 2012 , 24, 1333-43	103
92	Exchange protein directly activated by cAMP (epac): a multidomain cAMP mediator in the regulation of diverse biological functions. 2013 , 65, 670-709	187
91	Epac in cardiac calcium signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 58, 162-71 5.8	43
90	Epac activator critically regulates action potential duration by decreasing potassium current in rat adult ventricle. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 57, 96-105	18
89	Distinct functions for Rap1 signaling in vascular morphogenesis and dysfunction. 2013 , 319, 2350-9	36
88	Phospholipase Clhydrolyzes perinuclear phosphatidylinositol 4-phosphate to regulate cardiac hypertrophy. 2013 , 153, 216-27	105
87	Distinct PKA and Epac compartmentalization in airway function and plasticity. 2013 , 137, 248-65	37
86	Small G proteins in the cardiovascular system: physiological and pathological aspects. <i>Physiological Reviews</i> , 2013 , 93, 1659-720	84
85	Targeting protein-protein interactions within the cyclic AMP signaling system as a therapeutic strategy for cardiovascular disease. 2013 , 5, 451-64	43
84	Epac2 mediates cardiac 🗈 -adrenergic-dependent sarcoplasmic reticulum Ca2+ leak and arrhythmia. 2013 , 127, 913-22	117
83	Phosphoinositides: tiny lipids with giant impact on cell regulation. <i>Physiological Reviews</i> , 2013 , 93, 1019-137)	931
82	Opposing HDAC4 nuclear fluxes due to phosphorylation by Dadrenergic activated protein kinase A or by activity or Epac activated CaMKII in skeletal muscle fibres. 2013 , 591, 3605-23	35
81	Phospholipase C epsilon links G protein-coupled receptor activation to inflammatory astrocytic responses. 2013 , 110, 3609-14	56
80	Nicotinic acid adenine dinucleotide phosphate (NAADP)-mediated calcium signaling and arrhythmias in the heart evoked by 🖟 adrenergic stimulation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16017-30	33
79	cAMP and mitochondria. 2013 , 28, 199-209	99
78	Epac1-dependent phospholamban phosphorylation mediates the cardiac response to stresses. 2014 , 124, 2785-801	67
77	Pre-exposure to adenosine, acting via A(2A) receptors on endothelial cells, alters the protein kinase A dependence of adenosine-induced dilation in skeletal muscle resistance arterioles. 2014 , 592, 2575-90	10

76	Epac proteins: specific ligands and role in cardiac remodelling. 2014 , 42, 257-64		8
75	Targeted activation of conventional and novel protein kinases C through differential translocation patterns. 2014 , 34, 2370-81		29
74	The role of CaMKII regulation of phospholamban activity in heart disease. 2014 , 5, 5		73
73	Genistein stimulates fatty acid oxidation in a leptin receptor-independent manner through the JAK2-mediated phosphorylation and activation of AMPK in skeletal muscle. 2014 , 1841, 132-40		28
7 ²	Thrombin promotes sustained signaling and inflammatory gene expression through the CDC25 and Ras-associating domains of phospholipase C?. <i>Journal of Biological Chemistry</i> , 2015 , 290, 26776-83	5.4	9
71	Interaction of Epac with Non-canonical Cyclic Nucleotides. 2017 , 238, 135-147		3
70	☐Adrenergic stimulation activates protein kinase C屆nd induces extracellular signal-regulated kinase phosphorylation and cardiomyocyte hypertrophy. 2015 , 11, 4373-80		13
69	New pharmacologic interventions to increase cardiac contractility: challenges and opportunities. 2015 , 30, 285-91		10
68	A CaMKII/PDE4D negative feedback regulates cAMP signaling. 2015 , 112, 2023-8		46
67	G protein II ubunits regulate cardiomyocyte hypertrophy through a perinuclear Golgi phosphatidylinositol 4-phosphate hydrolysis pathway. 2015 , 26, 1188-98		22
66	Proarrhythmic effect of sustained EPAC activation on TRPC3/4 in rat ventricular cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2015 , 87, 74-8	5.8	35
65	The future of EPAC-targeted therapies: agonism versus antagonism. 2015 , 36, 203-14		53
64	ADP ribosylation factor 6 (ARF6) promotes acrosomal exocytosis by modulating lipid turnover and Rab3A activation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 9823-41	5.4	22
63	Novel Epac fluorescent ligand reveals distinct Epac1 vs. Epac2 distribution and function in cardiomyocytes. 2015 , 112, 3991-6		45
62	Regulation of phosphatidylinositol-specific phospholipase C at the nuclear envelope in cardiac myocytes. 2015 , 65, 203-10		12
61	Epac1 Deficiency Attenuated Vascular Smooth Muscle Cell Migration and Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 2617-25	9.4	29
60	The Golgi apparatus is a functionally distinct Ca2+ store regulated by the PKA and Epac branches of the 🛮 1-adrenergic signaling pathway. 2015 , 8, ra101		19
59	PLC[mediated sustained signaling pathways. 2015 , 57, 17-23		18

58	Serotonin stimulates secretion of exosomes from microglia cells. 2015 , 63, 626-34		118
57	Simulation of the effects of moderate stimulation/inhibition of the 🗈 adrenergic signaling system and its components in mouse ventricular myocytes. 2016 , 310, C844-56		6
56	Long-term consumption of an obesogenic high fat diet prior to ischemia-reperfusion mediates cardioprotection via Epac1-dependent signaling. 2016 , 13, 87		14
55	Epac1 knockdown inhibits the proliferation of ovarian cancer cells by inactivating AKT/Cyclin D1/CDK4 pathway in vitro and in vivo. 2016 , 33, 73		15
54	Depotentiation of intact rat cardiac muscle unmasks an Epac-dependent increase in myofilament Ca(2+) sensitivity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 88-94	3	8
53	Calmodulin kinase II inhibition limits the pro-arrhythmic Ca2+ waves induced by cAMP-phosphodiesterase inhibitors. 2016 , 110, 151-61		27
52	Cyclic AMP Sensor EPAC Proteins and Their Role in Cardiovascular Function and Disease. 2016 , 118, 881	-97	102
51	PLCIsignaling in cancer. 2016 , 142, 715-22		10
50	The Epac-Phospholipase CIPathway Regulates Endocannabinoid Signaling and Cocaine-Induced Disinhibition of Ventral Tegmental Area Dopamine Neurons. 2017 , 37, 3030-3044		12
49	Exchange proteins directly activated by cAMP (EPACs): Emerging therapeutic targets. 2017 , 27, 1633-16	39	31
48	©Adrenergic induced SR Ca leak is mediated by an Epac-NOS pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 108, 8-16	5.8	39
47	©Adrenergic receptor activation mobilizes intracellular calcium via a non-canonical cAMP-independent signaling pathway. <i>Journal of Biological Chemistry</i> , 2017 , 292, 9967-9974	5.4	20
46	Specific Sirt1 Activator-mediated Improvement in Glucose Homeostasis Requires Sirt1-Independent Activation of AMPK. <i>EBioMedicine</i> , 2017 , 18, 128-138	8.8	21
45	Arrhythmic effects of Epac-mediated ryanodine receptor activation in Langendorff-perfused murine hearts are associated with reduced conduction velocity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 686-692	3	12
44	Epac-Rap1-activated mesenchymal stem cells improve cardiac function in rat model of myocardial infarction. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12248	3.3	20
43	Murine Electrophysiological Models of Cardiac Arrhythmogenesis. <i>Physiological Reviews</i> , 2017 , 97, 283-4	1 99 .9	66
42	The role of Epac in the heart. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 591-606	10.3	36
41	Epac2-Rap1 Signaling Regulates Reactive Oxygen Species Production and Susceptibility to Cardiac Arrhythmias. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 117-132	8.4	26

40	Cyclic AMP signaling in cardiac myocytes. Current Opinion in Physiology, 2018, 1, 161-171	2.6	10
39	VDAC1 functions in Ca homeostasis and cell life and death in health and disease. <i>Cell Calcium</i> , 2018 , 69, 81-100	4	59
38	Early effects of Epac depend on the fine-tuning of the sarcoplasmic reticulum Ca handling in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 114, 1-9	5.8	6
37	Epac-induced ryanodine receptor type 2 activation inhibits sodium currents in atrial and ventricular murine cardiomyocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 278-292	3	13
36	Direct observation of conformational dynamics of the PH domain in phospholipases C? and Imay contribute to subfamily-specific roles in regulation. <i>Journal of Biological Chemistry</i> , 2018 , 293, 17477-17	4590	7
35	Regulatory actions of 3\$5Scyclic adenosine monophosphate on osteoclast function: possible roles of Epac-mediated signaling. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1433, 18-28	6.5	5
34	FSH Receptor Signaling: Complexity of Interactions and Signal Diversity. <i>Endocrinology</i> , 2018 , 159, 3020	-4,0835	46
33	Intracellular cAMP Sensor EPAC: Physiology, Pathophysiology, and Therapeutics Development. <i>Physiological Reviews</i> , 2018 , 98, 919-1053	47.9	84
32	Epac Function and cAMP Scaffolds in the Heart and Lung. <i>Journal of Cardiovascular Development and Disease</i> , 2018 , 5,	4.2	19
31	Sodium current inhibition following stimulation of exchange protein directly activated by cyclic-3\$5\$adenosine monophosphate (Epac) in murine skeletal muscle. <i>Scientific Reports</i> , 2019 , 9, 1927	4.9	4
30	Is Nanoclustering essential for all oncogenic KRas pathways? Can it explain why wild-type KRas can inhibit its oncogenic variant?. <i>Seminars in Cancer Biology</i> , 2019 , 54, 114-120	12.7	30
29	□Adrenoceptor-induced cholinergic inhibition in human and rat urinary bladders involves the exchange protein directly activated by cyclic AMP 1 favoring adenosine release. <i>British Journal of Pharmacology</i> , 2020 , 177, 1589-1608	8.6	4
28	Epac1 (Exchange Protein Directly Activated by cAMP 1) Upregulates LOX-1 (Oxidized Low-Density Lipoprotein Receptor 1) to Promote Foam Cell Formation and Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e322-e335	9.4	10
27	Functional and structural characterization of allosteric activation of phospholipase CIby Rap1A. Journal of Biological Chemistry, 2020 , 295, 16562-16571	5.4	1
26	GIGSA-1 works upstream of PKA/KIN-1 to regulate calcium signaling and contractility in the Caenorhabditis elegans spermatheca. <i>PLoS Genetics</i> , 2020 , 16, e1008644	6	2
25	Structure of phospholipase CIreveals an integrated RA1 domain and previously unidentified regulatory elements. <i>Communications Biology</i> , 2020 , 3, 445	6.7	5
24	Role of EPAC1 Signalosomes in Cell Fate: Friends or Foes?. <i>Cells</i> , 2020 , 9,	7.9	3
23	170 Subcellular Distribution of Epac 2 in Relation to Key Excitation-Contraction Coupling Proteins in Human Atrial Tissue. <i>Heart Lung and Circulation</i> , 2020 , 29, S111-S112	1.8	

22	Integration of Rap1 and Calcium Signaling. International Journal of Molecular Sciences, 2020, 21,	6.3	10
21	Studies of Molecular Mechanisms Underlying Cardioprotective Action of the ALM-802 Compound. <i>Bulletin of Experimental Biology and Medicine</i> , 2021 , 170, 312-315	0.8	1
20	Structure and regulation of phospholipase CD and Dat the membrane. <i>Chemistry and Physics of Lipids</i> , 2021 , 235, 105050	3.7	4
19	On the Mechanism of Cardioprotective Effect of Fabomotizole in Alcoholic Cardiomyopathy. <i>Bulletin of Experimental Biology and Medicine</i> , 2021 , 171, 41-44	0.8	Ο
18	On the mechanism of the antiarrhythmic action of fabomotizole hydrochloride in alcoholic cardiomyopathy. <i>Pharmacokinetics and Pharmacodynamics</i> , 2021 , 30-37	0.3	
17	Suppression of Rap1 impairs cardiac myofibrils and conduction system in zebrafish. <i>PLoS ONE</i> , 2012 , 7, e50960	3.7	11
16	Evidence for a pro-proliferative feedback loop in prostate cancer: the role of Epac1 and COX-2-dependent pathways. <i>PLoS ONE</i> , 2013 , 8, e63150	3.7	20
15	Nitric oxide-dependent activation of CaMKII increases diastolic sarcoplasmic reticulum calcium release in cardiac myocytes in response to adrenergic stimulation. <i>PLoS ONE</i> , 2014 , 9, e87495	3.7	50
14	DAdrenergic Receptor and Insulin Resistance in the Heart. Biomolecules and Therapeutics, 2017, 25, 44-	56 4.2	20
13	Origin and Isoform Specific Functions of Exchange Proteins Directly Activated by cAMP: A Phylogenetic Analysis. <i>Cells</i> , 2021 , 10,	7.9	1
12	cAMP Sensor Epac and Gastrointestinal Function. 2012 , 1849-1861		
11	Molecular Basis of cAMP Signaling in Pancreatic Beta Cells. 2014, 1-36		
10	Molecular Basis of cAMP Signaling in Pancreatic Beta Cells. 2014 , 1-35		
9	Molecular Basis of cAMP Signaling in Pancreatic 🛭 Cells. 2015 , 565-603		1
8	GIGSA-1 works upstream of PKA/KIN-1 to regulate calcium signaling and contractility in the Caenorhabditis elegans spermatheca.		O
7	Functional and structural characterization of allosteric activation of Phospholipase Clby Rap1A.		
6	EPAC Proteins and Their Role in the Physiological and Pathological Processes in the Cardiovascular System. Part II. The role of EPAC Proteins in the Physiology and Pathology of the Heart. <i>Human Physiology</i> , 2020 , 46, 443-464	0.3	
5	Signaling, Physiology, and Targeting of GPCR -Regulated Phospholipase C Enzymes. 2022 , 458-520		O

4	Functional Insights into Protein Kinase A (PKA) Signaling from C. elegans. 2022 , 12, 1878	О
3	PACAP and acetylcholine cause distinct Ca2+ signals and secretory responses in chromaffin cells. 2023 , 155,	O
2	Host cell cAMP-Epac pathway inhibition by hawthorn extract as a potential treatment for Chagas disease.	O
1	Differential changes in cyclic adenosine 3?-5? monophosphate (cAMP) effectors and major Ca 2+ handling proteins during diabetic cardiomyopathy.	O