

# Stein Ove Dskeland

## List of Publications by Citations

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128  
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5,512  
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39  
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71  
g-index

130  
ext. papers

5,858  
ext. citations

5.6  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
128	A novel Epac-specific cAMP analogue demonstrates independent regulation of Rap1 and ERK. <i>Nature Cell Biology</i> , <b>2002</b> , 4, 901-6	23.4	608
127	cAMP analog mapping of Epac1 and cAMP kinase. Discriminating analogs demonstrate that Epac and cAMP kinase act synergistically to promote PC-12 cell neurite extension. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 35394-402	5.4	343
126	The protein phosphatase inhibitor okadaic acid induces morphological changes typical of apoptosis in mammalian cells. <i>Experimental Cell Research</i> , <b>1991</b> , 195, 237-46	4.2	306
125	Injected cytochrome c induces apoptosis. <i>Nature</i> , <b>1998</b> , 391, 449-50	50.4	275
124	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. <i>PLoS ONE</i> , <b>2010</b> , 5, e11391	3.7	155
123	cAMP effector mechanisms. Novel twists for an old signaling system. <i>FEBS Letters</i> , <b>2003</b> , 546, 121-6	3.8	150
122	Ligand-mediated activation of the cAMP-responsive guanine nucleotide exchange factor Epac. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 38548-56	5.4	123
121	The genetic subtypes of cAMP-dependent protein kinase--functionally different or redundant?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1993</b> , 1178, 249-58	4.9	120
120	Cyclic AMP (cAMP)-mediated stimulation of adipocyte differentiation requires the synergistic action of Epac- and cAMP-dependent protein kinase-dependent processes. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 3804-16	4.8	115
119	Epac1 and cAMP-dependent protein kinase holoenzyme have similar cAMP affinity, but their cAMP domains have distinct structural features and cyclic nucleotide recognition. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 21500-21511	5.4	113
118	Comparison of the two classes of binding sites (A and B) of type I and type II cyclic-AMP-dependent protein kinases by using cyclic nucleotide analogs. <i>FEBS Journal</i> , <b>1989</b> , 181, 19-31		108
117	The 14-3-3 proteins in regulation of cellular metabolism. <i>Seminars in Cell and Developmental Biology</i> , <b>2011</b> , 22, 713-9	7.5	106
116	Sensitive detection of apoptogenic toxins in suspension cultures of rat and salmon hepatocytes. <i>Toxicon</i> , <b>1998</b> , 36, 1101-14	2.8	99
115	Ca <sup>2+</sup> /calmodulin-dependent protein kinase II is required for microcystin-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 2804-11	5.4	93
114	Activation of protein kinase isozymes by cyclic nucleotide analogs used singly or in combination. Principles for optimizing the isozyme specificity of analog combinations. <i>FEBS Journal</i> , <b>1985</b> , 150, 219-27		92
113	Apoptosis induced by microinjection of cytochrome c is caspase-dependent and is inhibited by Bcl-2. <i>Cell Death and Differentiation</i> , <b>1998</b> , 5, 660-8	12.7	83
112	Protein phosphorylation in apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1995</b> , 1269, 187-99	4.9	81

111	Evidence that rabbit muscle protein kinase has two kinetically distinct binding sites for adenosine 3',5'-cyclic monophosphate. <i>Biochemical and Biophysical Research Communications</i> , <b>1978</b> , 83, 542-9	3.4	80
110	Microinjected catalytic subunit of cAMP-dependent protein kinase induces apoptosis in myeloid leukemia (IPC-81) cells. <i>Experimental Cell Research</i> , <b>1993</b> , 206, 157-61	4.2	71
109	Fas/APO-1 (CD95)-induced apoptosis of primary hepatocytes is inhibited by cAMP. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 232, 20-5	3.4	62
108	cAMP-dependent signaling regulates the adipogenic effect of n-6 polyunsaturated fatty acids. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 7196-205	5.4	62
107	The kinetics of association of cyclic AMP to the two types of binding sites associated with protein kinase II from bovine myocardium. <i>FEBS Letters</i> , <b>1981</b> , 129, 287-92	3.8	61
106	Irod/Ian5: an inhibitor of gamma-radiation- and okadaic acid-induced apoptosis. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 3292-304	3.5	58
105	Protein kinase A mediates inhibition of the thrombin-induced platelet shape change by nitric oxide. <i>Blood</i> , <b>2004</b> , 104, 2775-82	2.2	58
104	Biosynthesis of macrolactam BE-14106 involves two distinct PKS systems and amino acid processing enzymes for generation of the aminoacyl starter unit. <i>Chemistry and Biology</i> , <b>2009</b> , 16, 1109-21		55
103	The expression of cAMP-dependent protein kinase subunits in primary rat hepatocyte cultures. Cyclic AMP down-regulates its own effector system by decreasing the amount of catalytic subunit and increasing the mRNAs for the inhibitory (R) subunits of cAMP-dependent protein kinase. <i>Molecular Endocrinology</i> , <b>1990</b> , 4, 481-8		55
102	B56-related protein phosphatase 2A dysfunction identified in patients with intellectual disability. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 3051-62	15.9	53
101	Effect of cyclic nucleotide analogs on intrachain site I of protein kinase isozymes. <i>FEBS Journal</i> , <b>1982</b> , 125, 259-66		53
100	A novel, extraneuronal role for cyclin-dependent protein kinase 5 (CDK5): modulation of cAMP-induced apoptosis in rat leukemia cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 20783-93	5.4	50
99	Formation of inactive cAMP-saturated holoenzyme of cAMP-dependent protein kinase under physiological conditions. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 13443-8	5.4	50
98	Some aspects of the phosphorylation of phenylalanine 4-monooxygenase by a calcium-dependent and calmodulin-dependent protein kinase. <i>FEBS Journal</i> , <b>1984</b> , 145, 31-7		48
97	LEDGF/p75 has increased expression in blasts from chemotherapy-resistant human acute myelogenous leukemia patients and protects leukemia cells from apoptosis in vitro. <i>Molecular Cancer</i> , <b>2007</b> , 6, 31	42.1	47
96	Selective cleavage of 28S rRNA variable regions V3 and V13 in myeloid leukemia cell apoptosis. <i>FEBS Letters</i> , <b>1993</b> , 315, 16-20	3.8	45
95	Ammonium sulfate precipitation assay for the study of cyclic nucleotide binding to proteins. <i>Methods in Enzymology</i> , <b>1988</b> , 159, 147-50	1.7	45
94	Protein kinases in human renal cell carcinoma and renal cortex. A comparison of isozyme distribution and of responsiveness to adenosine 3',5'-cyclic monophosphate. <i>Archives of Biochemistry and Biophysics</i> , <b>1978</b> , 189, 272-81	4.1	44

93	Marine benthic cyanobacteria contain apoptosis-inducing activity synergizing with daunorubicin to kill leukemia cells, but not cardiomyocytes. <i>Marine Drugs</i> , <b>2010</b> , 8, 2659-72	6	43
92	Marine benthic diatoms contain compounds able to induce leukemia cell death and modulate blood platelet activity. <i>Marine Drugs</i> , <b>2009</b> , 7, 605-23	6	43
91	cAMP protects neutrophils against TNF-alpha-induced apoptosis by activation of cAMP-dependent protein kinase, independently of exchange protein directly activated by cAMP (Epac). <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 641-7	6.5	40
90	A cAMP receptor from mouse liver cytosol whose binding capacity is enhanced by Mg <sup>++</sup> -ATP. <i>Biochemical and Biophysical Research Communications</i> , <b>1975</b> , 66, 606-13	3.4	39
89	8-Substituted cAMP analogues reveal marked differences in adaptability, hydrogen bonding, and charge accommodation between homologous binding sites (AI/AII and BI/BII) in cAMP kinase I and II. <i>Biochemistry</i> , <b>2000</b> , 39, 8803-12	3.2	37
88	Protein kinase II has two distinct binding sites for cyclic AMP, only one of which is detectable by the conventional membrane-filtration method. <i>FEBS Letters</i> , <b>1980</b> , 121, 340-4	3.8	37
87	The kinetics of the interaction between cyclic AMP and the regulatory moiety of protein kinase II. Evidence for interaction between the binding sites for cyclic AMP. <i>FEBS Letters</i> , <b>1981</b> , 129, 282-6	3.8	37
86	Activation of protein kinase isoenzymes under near physiological conditions. Evidence that both types (A and B) of cAMP binding sites are involved in the activation of protein kinase by cAMP and 8-N <sup>3</sup> -cAMP. <i>FEBS Letters</i> , <b>1982</b> , 150, 161-6	3.8	37
85	Activation of protein kinase A and exchange protein directly activated by cAMP promotes adipocyte differentiation of human mesenchymal stem cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e34114	3.7	36
84	A novel cyanobacterial nostocyclopeptide is a potent antitoxin against microcystins. <i>ChemBioChem</i> , <b>2010</b> , 11, 1594-9	3.8	36
83	Analysis of acute myelogenous leukemia: preparation of samples for genomic and proteomic analyses. <i>Journal of Hematotherapy and Stem Cell Research</i> , <b>2002</b> , 11, 469-81		36
82	Hepatocyte DNA replication is abolished by inhibitors selecting protein phosphatase 2A rather than phosphatase 1. <i>Experimental Cell Research</i> , <b>1993</b> , 205, 293-301	4.2	36
81	Cyclic adenosine monophosphate acts synergistically with dexamethasone to inhibit the entrance of cultured adult rat hepatocytes into S-phase: with a note on the use of nucleolar and extranucleolar [ <sup>3</sup> H]-thymidine labelling patterns to determine rapid changes in the rate of onset of DNA replication. <i>Journal of Cellular Physiology</i> , <b>1989</b> , 141, 371-82	7	35
80	Substrate enhances the sensitivity of type I protein kinase a to cAMP. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 13279-84	5.4	32
79	Abolition of stress-induced protein synthesis sensitizes leukemia cells to anthracycline-induced death. <i>Blood</i> , <b>2008</b> , 111, 2866-77	2.2	31
78	Cyclic adenosine 3',5'-monophosphate (cAMP)-dependent protein kinases, but not exchange proteins directly activated by cAMP (Epac), mediate thyrotropin/cAMP-dependent regulation of thyroid cells. <i>Endocrinology</i> , <b>2007</b> , 148, 4612-22	4.8	31
77	Characterization of the inhibitory effect of glucocorticoids on the DNA replication of adult rat hepatocytes growing at various cell densities. <i>Journal of Cellular Physiology</i> , <b>1989</b> , 138, 29-37	7	31
76	Transcriptional regulation of the bovine CYP17 gene by cAMP. <i>Steroids</i> , <b>1997</b> , 62, 43-5	2.8	30

75	Okadaic acid, cAMP, and selected nutrients inhibit hepatocyte proliferation at different stages in G1: modulation of the cAMP effect by phosphatase inhibitors and nutrients. <i>Journal of Cellular Physiology</i> , <b>1995</b> , 163, 232-40	7	29
74	Binding proteins for adenosine 3'Scyclic monophosphate in bovine adrenal cortex. <i>Biochemical Journal</i> , <b>1977</b> , 165, 561-73	3.8	29
73	Performance of super-SILAC based quantitative proteomics for comparison of different acute myeloid leukemia (AML) cell lines. <i>Proteomics</i> , <b>2014</b> , 14, 1971-6	4.8	28
72	The lipopeptide toxins anabaenolysin A and B target biological membranes in a cholesterol-dependent manner. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2012</b> , 1818, 3000-9	3.8	28
71	Cell cycle parameters of adult rat hepatocytes in a defined medium. A note on the timing of nucleolar DNA replication. <i>Journal of Cellular Physiology</i> , <b>1987</b> , 132, 12-21	7	28
70	Comparison of some physicochemical and kinetic properties of S-adenosylhomocysteine hydrolase from bovine liver, bovine adrenal cortex and mouse liver. <i>BBA - Proteins and Proteomics</i> , <b>1982</b> , 708, 185-93		26
69	Increased microvascular permeability in mice lacking Epac1 (Rapgef3). <i>Acta Physiologica</i> , <b>2017</b> , 219, 441-452	4.52	24
68	Nostocyclopeptide-M1: a potent, nontoxic inhibitor of the hepatocyte drug transporters OATP1B3 and OATP1B1. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 360-7	5.6	24
67	The ability to cleave 28S ribosomal RNA during apoptosis is a cell-type dependent trait unrelated to DNA fragmentation. <i>Cell Death and Differentiation</i> , <b>1997</b> , 4, 289-93	12.7	24
66	A high proportion of Baltic Sea benthic cyanobacterial isolates contain apoptogens able to induce rapid death of isolated rat hepatocytes. <i>Toxicon</i> , <b>2005</b> , 46, 252-60	2.8	24
65	Anabaenolysins, novel cytolytic lipopeptides from benthic Anabaena cyanobacteria. <i>PLoS ONE</i> , <b>2012</b> , 7, e41222	3.7	24
64	Apoptotic cell death analyzed at the molecular level by two-dimensional gel electrophoresis. <i>Electrophoresis</i> , <b>1994</b> , 15, 503-10	3.6	23
63	Phenylalanine positively modulates the cAMP-dependent phosphorylation and negatively modulates the vasopressin-induced and okadaic-acid-induced phosphorylation of phenylalanine 4-monooxygenase in intact rat hepatocytes. <i>FEBS Journal</i> , <b>1992</b> , 206, 161-70		22
62	Derivatives of 1-beta-D-ribofuranosylbenzimidazole 3'Sphosphate that mimic the actions of adenosine 3'Sphosphate (cAMP) and guanosine 3'Sphosphate (cGMP). <i>Carbohydrate Research</i> , <b>1992</b> , 234, 217-35	2.9	21
61	Efficacy of multi-functional liposomes containing daunorubicin and emetine for treatment of acute myeloid leukaemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 88, 186-93	5.7	20
60	4-Methylproline guided natural product discovery: co-occurrence of 4-hydroxy- and 4-methylprolines in nostoweipeptins and nostopeptolides. <i>ACS Chemical Biology</i> , <b>2014</b> , 9, 2646-55	4.9	20
59	Elevated cAMP gives short-term inhibition and long-term stimulation of hepatocyte DNA replication: roles of the cAMP-dependent protein kinase subunits. <i>Journal of Cellular Physiology</i> , <b>1993</b> , 156, 160-70	7	20
58	Anti-microbial and cytotoxic 1,6-dihydroxyphenazine-5,10-dioxide (iodinin) produced by <i>Streptosporangium</i> sp. DSM 45942 isolated from the fjord sediment. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 603-10	5.7	18

57	Iodinin (1,6-dihydroxyphenazine 5,10-dioxide) from <i>Streptosporangium</i> sp. induces apoptosis selectively in myeloid leukemia cell lines and patient cells. <i>Marine Drugs</i> , <b>2013</b> , 11, 332-49	6	18
56	Acyloxymethyl esterification of nodularin-R and microcystin-LA produces inactive protoxins that become reactivated and produce apoptosis inside intact cells. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 5758-62	8.3	18
55	Mitochondrial-targeted fatty acid analog induces apoptosis with selective loss of mitochondrial glutathione in promyelocytic leukemia cells. <i>Chemistry and Biology</i> , <b>2003</b> , 10, 609-18		18
54	Synergistic antiproliferative actions of cyclic adenosine 3'S5Smonophosphate, interleukin-1beta, and activators of Ca <sup>2+</sup> /calmodulin-dependent protein kinase in primary hepatocytes. <i>Endocrinology</i> , <b>1997</b> , 138, 4373-83	4.8	17
53	Cell Death Inducing Microbial Protein Phosphatase Inhibitors--Mechanisms of Action. <i>Marine Drugs</i> , <b>2015</b> , 13, 6505-20	6	16
52	The cAMP-dependent protein kinase pathway as therapeutic target: possibilities and pitfalls. <i>Current Topics in Medicinal Chemistry</i> , <b>2011</b> , 11, 1393-405	3	15
51	Measurement of adenylate cyclase activity by competitive binding to the free regulatory moiety of protein kinase I. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1980</b> , 11, 305-11		15
50	Total synthesis and antileukemic evaluations of the phenazine 5,10-dioxide natural products iodinin, myxin and their derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 2285-2293	3.4	14
49	The Progression of Acute Myeloid Leukemia from First Diagnosis to Chemoresistant Relapse: A Comparison of Proteomic and Phosphoproteomic Profiles. <i>Cancers</i> , <b>2020</b> , 12,	6.6	14
48	Off-target effect of the Epac agonist 8-pCPT-2SO-Me-cAMP on P2Y <sub>12</sub> receptors in blood platelets. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 437, 603-8	3.4	14
47	Relationship of cyclic AMP binding capacity and estrogen receptor to hormone sensitivity in human breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>1983</b> , 3, 67-72	4.4	14
46	Biologically active carbazole derivatives: focus on oxazinocarbazoles and related compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2015</b> , 30, 180-8	5.6	13
45	Ala335 is essential for high-affinity cAMP-binding of both sites A and B of cAMP-dependent protein kinase type I. <i>FEBS Letters</i> , <b>1995</b> , 362, 291-4	3.8	13
44	An adenosine 3'S5Smonophosphate-adenosine binding protein from mouse liver: some physicochemical properties. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , <b>1978</b> , 533, 57-65		13
43	Proteome and Phosphoproteome Changes Associated with Prognosis in Acute Myeloid Leukemia. <i>Cancers</i> , <b>2020</b> , 12,	6.6	12
42	New N-1,N-10-bridged pyrrolo[2,3-a]carbazole-3-carbaldehydes: synthesis and biological activities. <i>Bioorganic Chemistry</i> , <b>2014</b> , 57, 108-115	5.1	12
41	The apoptosis-inducing activity towards leukemia and lymphoma cells in a cyanobacterial culture collection is not associated with mouse bioassay toxicity. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2011</b> , 38, 489-501	4.2	12
40	Allosteric communication between cAMP binding sites in the RI subunit of protein kinase A revealed by NMR. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 14062-70	5.4	12

39	Sensitive and rapid detection of beta-galactosidase expression in intact cells by microinjection of fluorescent substrate. <i>Experimental Cell Research</i> , <b>1995</b> , 219, 372-8	4.2	12
38	(Rp)- and (Sp)-8-piperidino-adenosine 3'5'S(cyclic)thiophosphates discriminate completely between site A and B of the regulatory subunits of cAMP-dependent protein kinase type I and II. <i>FEBS Journal</i> , <b>1994</b> , 221, 1089-94		12
37	Epac1-deficient mice have bleeding phenotype and thrombocytes with decreased GPIIb/IIIa expression. <i>Scientific Reports</i> , <b>2017</b> , 7, 8725	4.9	11
36	Activation of both protein kinase A (PKA) type I and PKA type II isozymes is required for retinoid-induced maturation of acute promyelocytic leukemia cells. <i>Molecular Pharmacology</i> , <b>2013</b> , 83, 1057-65	4.3	11
35	Cyanobacteria from terrestrial and marine sources contain apoptogens able to overcome chemoresistance in acute myeloid leukemia cells. <i>Marine Drugs</i> , <b>2014</b> , 12, 2036-53	6	10
34	The regulatory subunit of PKA-I remains partially structured and undergoes $\beta$ -aggregation upon thermal denaturation. <i>PLoS ONE</i> , <b>2011</b> , 6, e17602	3.7	10
33	Neuro-apoptogenic and blood platelet targeting toxins in benthic marine cyanobacteria from the Portuguese coast. <i>Aquatic Toxicology</i> , <b>2005</b> , 74, 294-306	5.1	9
32	cAMP induces co-translational modification of proteins in IPC-81 cells. <i>Biochemical Journal</i> , <b>1999</b> , 342, 369-377	3.8	9
31	Studies on the differentiation pattern and hormonal sensitivity of an antigenic material specific for the cervicovaginal epithelium in fetal and neonatal mice. <i>Developmental Biology</i> , <b>1976</b> , 48, 184-90	3.1	9
30	The content of a specific cell product in the vaginal epithelium of normal and neonatally estrogenized mice: its dependence on an estradiol-prolactin interaction. <i>Endocrinology</i> , <b>1976</b> , 99, 1548-53	4.8	9
29	An adenosine 3'5'Smonophosphate-adenosine binding protein from mouse liver. Factors affecting the activation of the binding protein by adenosine 5'Triphosphate. <i>Archives of Biochemistry and Biophysics</i> , <b>1978</b> , 185, 195-203	4.1	9
28	Introduction of aromatic ring-containing substituents in cyclic nucleotides is associated with inhibition of toxin uptake by the hepatocyte transporters OATP 1B1 and 1B3. <i>PLoS ONE</i> , <b>2014</b> , 9, e94926	3.7	7
27	Dipyridamole synergizes with nitric oxide to prolong inhibition of thrombin-induced platelet shape change. <i>Platelets</i> , <b>2011</b> , 22, 8-19	3.6	7
26	Mice depleted for Exchange Proteins Directly Activated by cAMP (Epac) exhibit irregular liver regeneration in response to partial hepatectomy. <i>Scientific Reports</i> , <b>2019</b> , 9, 13789	4.9	6
25	A Kinase Inhibitor with Anti-Pim Kinase Activity is a Potent and Selective Cytotoxic Agent Toward Acute Myeloid Leukemia. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 567-578	6.1	6
24	Use of marine toxins in combination with cytotoxic drugs for induction of apoptosis in acute myelogenous leukaemia cells. <i>Expert Opinion on Biological Therapy</i> , <b>2002</b> , 2, 197-210	5.4	6
23	Cyclic 3'5'Samp-dependent protein kinase: its sensitivity towards acid-precipitation and ammonium sulphate fractionation. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1975</b> , 6, 181-190		6
22	Synthesis and activities of new indolopyrrolobenzodiazepine derivatives toward acute myeloid leukemia cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7313-23	3.4	5

21	Enhancement of iodinin solubility by encapsulation into cyclodextrin nanoparticles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 370-375	5.6	5
20	Time-dependent inhibitory effects of cGMP-analogues on thrombin-induced platelet-derived microparticles formation, platelet aggregation, and P-selectin expression. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 449, 357-63	3.4	5
19	Cyclic Nucleotide Analogs as Tools to Investigate Cyclic Nucleotide Signaling <b>2003</b> , 549-554		5
18	Phenylalanine 4-monooxygenase from bovine liver. <i>Methods in Enzymology</i> , <b>1987</b> , 142, 35-44	1.7	5
17	Guanine nucleotides protect adenylate cyclase against inhibition by Pb <sup>2+</sup> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1980</b> , 630, 15-21	4	5
16	Epac1 mice have elevated baseline permeability and do not respond to histamine as measured with dynamic contrast-enhanced magnetic resonance imaging with contrast agents of different molecular weights. <i>Acta Physiologica</i> , <b>2019</b> , 225, e13199	5.6	5
15	cAMP induces co-translational modification of proteins in IPC-81 cells. <i>Biochemical Journal</i> , <b>1999</b> , 342, 369	3.8	4
14	POSTMan (POST-translational modification analysis), a software application for PTM discovery. <i>Proteomics</i> , <b>2009</b> , 9, 1400-6	4.8	3
13	High-molecular-mass complexes of the regulatory subunits of cyclic AMP-dependent protein kinase. <i>Biochemical Society Transactions</i> , <b>1991</b> , 19, 1163-5	5.1	3
12	New prodrugs and analogs of the phenazine 5,10-dioxide natural products iodinin and myxin promote selective cytotoxicity towards human acute myeloid leukemia cells. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 767-778	3.5	3
11	Preservation Method and Phosphate Buffered Saline Washing Affect the Acute Myeloid Leukemia Proteome. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	2
10	Serine/Threonine Protein Phosphatases in Apoptosis <b>2006</b> , 151-166		2
9	A STUDY ON THE ESTRADIOL-INDUCED AUGMENTATION OF A SPECIFIC CELL PRODUCT IN THE VAGINAL EPITHELIUM OF THE NEONATAL MOUSE. <i>Development Growth and Differentiation</i> , <b>1979</b> , 21, 111-118	3	2
8	Functional p53 is required for rapid restoration of daunorubicin-induced lesions of the spleen. <i>BMC Cancer</i> , <b>2013</b> , 13, 341	4.8	1
7	Modulation by ligands of the phosphorylation state of phenylalanine 4-monooxygenase in intact hepatocytes <b>1990</b> , 867-874		1
6	Epac1 Is Crucial for Maintenance of Endothelial Barrier Function through A Mechanism Partly Independent of Rac1. <i>Cells</i> , <b>2020</b> , 9,	7.9	1
5	Epac1 null mice have nephrogenic diabetes insipidus with deficient corticopapillary osmotic gradient and weaker collecting duct tight junctions. <i>Acta Physiologica</i> , <b>2020</b> , 229, e13442	5.6	0
4	The isozyme pattern of cyclic AMP-dependent protein kinase and the distribution of a cervicovaginal antigen in experimental carcinoma of the cervix uteri of mice. <i>Acta Pathologica Et Microbiologica Scandinavica Section A, Pathology</i> , <b>1978</b> , 86, 121-30		



- 3 Restricted efflux of the type II isoform of cyclic AMP-dependent protein kinase in permeabilized rat hepatocytes. *Biochemical Society Transactions*, **1991**, 19, 1161-2 5.1
- 2 Sensitive and Rapid Detection of  $\beta$ -Galactosidase Expression in Intact Cells by Microinjection of Fluorescent Substrate **1996**, 211-215
- 1 Cyclic Nucleotide Analogs as Tools to Investigate Cyclic Nucleotide Signaling **2010**, 1555-1562