PÃ¡l Gergely

List of Publications by Year
in descending order

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128	4,477	87888	123424
papers	citations	38	61
		h-index	g-index

129	129	129	4394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peroxynitrite-induced cytotoxicity: mechanism and opportunities for intervention. Toxicology Letters, 2003, 140-141, 113-124.	0.8	379
2	PARP-2 Regulates SIRT1 Expression and Whole-Body Energy Expenditure. Cell Metabolism, 2011, 13, 450-460.	16.2	231
3	Glucose Analog Inhibitors of Glycogen Phosphorylases as Potential Antidiabetic Agents: Recent Developments. Current Pharmaceutical Design, 2003, 9, 1177-1189.	1.9	182
4	Synthesis of and a Comparative Study on the Inhibition of Muscle and Liver Glycogen Phosphorylases by Epimeric Pairs ofd-Gluco- andd-Xylopyranosylidene-spiro-(thio)hydantoins andN-(d-Glucopyranosyl) Amides. Journal of Medicinal Chemistry, 2001, 44, 2843-2848.	6.4	145
5	Gallotannin Inhibits the Expression of Chemokines and Inflammatory Cytokines in A549 Cells. Molecular Pharmacology, 2005, 68, 895-904.	2.3	97
6	Mechanical loading stimulates chondrogenesis via the PKA/CREB-Sox9 and PP2A pathways in chicken micromass cultures. Cellular Signalling, 2014, 26, 468-482.	3.6	95
7	Dual role of poly(ADPâ€ribose) glycohydrolase in the regulation of cell death in oxidatively stressed A549 cells. FASEB Journal, 2009, 23, 3553-3563.	0.5	92
8	Detection of Poly(ADP-ribose) Polymerase Activation in Oxidatively Stressed Cells and Tissues Using Biotinylated NAD Substrate. Journal of Histochemistry and Cytochemistry, 2002, 50, 91-98.	2.5	82
9	Efficient inhibition of muscle and liver glycogen phosphorylases by a new glucopyranosylidene-spiro-thiohydantoin. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 1385-1390.	2.2	78
10	Kinetic and crystallographic studies on 2-(Â-D-glucopyranosyl)-5-methyl-1, 3, 4-oxadiazole, -benzothiazole, and -benzimidazole, inhibitors of muscle glycogen phosphorylase b. Evidence for a new binding site. Protein Science, 2005, 14, 873-888.	7.6	77
11	Integrin-linked kinase phosphorylates the myosin phosphatase target subunit at the inhibitory site in platelet cytoskeleton. Biochemical Journal, 2002, 365, 79-87.	3.7	75
12	Nitric oxideâ€peroxynitriteâ€poly(ADPâ€ribose) polymerase pathway in the skin. Experimental Dermatology, 2002, 11, 189-202.	2.9	74
13	Role of protein phosphatase 2A in the regulation of endothelial cell cytoskeleton structure. Journal of Cellular Biochemistry, 2006, 98, 931-953.	2.6	74
14	Synthesis of 1-(d-glucopyranosyl)-1,2,3-triazoles and their evaluation as glycogen phosphorylase inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 1171-1180.	3.0	69
15	Glucose-derived spiro-isoxazolines are anti-hyperglycemic agents against type 2 diabetes through glycogen phosphorylase inhibition. European Journal of Medicinal Chemistry, 2016, 108, 444-454.	5.5	69
16	Poly(ADP-ribose) polymerase-2: emerging transcriptional roles of a DNA-repair protein. Cellular and Molecular Life Sciences, 2012, 69, 4079-4092.	5.4	68
17	Inhibition of serine/threonine-specific protein phosphatases causes premature activation of cdc2MsF kinase at G2/M transition and early mitotic microtubule organisation in alfalfa. Plant Journal, 2000, 23, 85-96.	5.7	67
18	Study of the subunit interactions in myosin phosphatase by surface plasmon resonance. FEBS Journal, 2000, 267, 1687-1697.	0.2	66

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19	Binding of N -acetyl-N â€Šâ€²-Î²-d -glucopyranosyl urea and N -benzoyl-N â€Šâ€²-Î²-d -glucopyranosyl urea to glycogen phosphorylase b. FEBS Journal, 2002, 269, 1684-1696.	0.2	66
20	Heparin inhibits the activity of protein phosphatase-1. FEBS Letters, 1984, 169, 45-48.	2.8	62
21	Synthesis and structureâ€“activity relationships of C-glycosylated oxadiazoles as inhibitors of glycogen phosphorylase. Bioorganic and Medicinal Chemistry, 2009, 17, 4773-4785.	3.0	60
22	Synthesis of N-(Î²-D-glucopyranosyl)- and N-(2-acetamido-2-deoxy-Î²-D-glucopyranosyl) amides as inhibitors of glycogen phosphorylase. Bioorganic and Medicinal Chemistry, 2004, 12, 4861-4870.	3.0	59
23	Peroxynitrite Production, DNA Breakage, and Poly(ADP-ribose) Polymerase Activation in a Mouse Model of Oxazolone-Induced Contact Hypersensitivity. Journal of Investigative Dermatology, 2001, 117, 74-80.	0.7	58
24	In Search of Glycogen Phosphorylase Inhibitors: 5-Substituted 3-C-Glucopyranosyl-1,2,4-oxadiazoles from Î²-D-Glucopyranosyl Cyanides upon Cyclization ofO-Acylamidoxime Intermediates. European Journal of Organic Chemistry, 2006, 2006, 4242-4256.	2.4	54
25	Cytosolic free Ca2+ concentration exhibits a characteristic temporal pattern during in vitro cartilage differentiation: A possible regulatory role of calcineurin in Ca-signalling of chondrogenic cells. Cell Calcium, 2008, 44, 310-323.	2.4	54
26	Poly(ADP-ribose) polymerase-2 depletion reduces doxorubicin-induced damage through SIRT1 induction. Cardiovascular Research, 2011, 92, 430-438.	3.8	53
27	Kinetic and Crystallographic Studies of Glucopyranosylidene Spirothiohydantoin Binding to Glycogen Phosphorylase b. Bioorganic and Medicinal Chemistry, 2002, 10, 261-268.	3.0	50
28	Synthesis of variously coupled conjugates of d-glucose, 1,3,4-oxadiazole, and 1,2,3-triazole for inhibition of glycogen phosphorylase. Carbohydrate Research, 2011, 346, 1427-1438.	2.3	49
29	Dephosphorylation of distinct sites on microtubule-associated protein MAP1B by protein phosphatases 1, 2A and 2B. FEBS Letters, 1993, 330, 85-89.	2.8	48
30	Protein Phosphatase 2A Is Involved in the Regulation of Protein Kinase A Signaling Pathway during in Vitro Chondrogenesis. Experimental Cell Research, 2002, 275, 1-8.	2.6	43
31	Hydrogen peroxide inhibits formation of cartilage in chicken micromass cultures and decreases the activity of calcineurin: implication of ERK1/2 and Sox9 pathways. Experimental Cell Research, 2005, 305, 190-199.	2.6	42
32	Separation of rabbit liver latent and spontaneously active phosphorylase phosphatases by chromatography on heparin- Sepharose. Biochemical and Biophysical Research Communications, 1985, 128, 705-712.	2.1	41
33	Partial protection by poly(ADP-ribose) polymerase inhibitors from nitroxyl-induced cytotoxity in thymocytes. Free Radical Biology and Medicine, 2001, 31, 1616-1623.	2.9	40
34	Effect of glucopyranosylidene-spiro-thiohydantoin on glycogen metabolism in liver tissues of streptozotocin-induced and obese diabetic rats. Molecular Medicine Reports, 2011, 4, 477-81.	2.4	40
35	Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) Signalling Exerts Chondrogenesis Promoting and Protecting Effects: Implication of Calcineurin as a Downstream Target. PLoS ONE, 2014, 9, e91541.	2.5	40
36	Phosphorylation of MYPT1 by protein kinase C attenuates interaction with PP1 catalytic subunit and the 20 kDa light chain of myosin. FEBS Letters, 2000, 484, 113-117.	2.8	39

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37	C-Glucopyranosyl-1,2,4-triazoles As New Potent Inhibitors of Glycogen Phosphorylase. ACS Medicinal Chemistry Letters, 2013, 4, 612-615.	2.8	39
38	New synthesis of 3-(Î²-D-glucopyranosyl)-5-substituted-1,2,4-triazoles, nanomolar inhibitors of glycogen phosphorylase. European Journal of Medicinal Chemistry, 2014, 76, 567-579.	5.5	39
39	Glycogen phosphorylase inhibition improves beta cell function. British Journal of Pharmacology, 2018, 175, 301-319.	5.4	39
40	Glycogen Phosphorylase Inhibitor N-(3,5-Dimethyl-Benzoyl)-Nâ€™-(Î²-D-Glucopyranosyl)Urea Improves Glucose Tolerance under Normoglycemic and Diabetic Conditions and Rearranges Hepatic Metabolism. PLoS ONE, 2013, 8, e69420.	2.5	39
41	Role of Intracellular Calcium Mobilization and Cell-Density-Dependent Signaling in Oxidative-Stress-Induced Cytotoxicity in HaCaT Keratinocytes. Journal of Investigative Dermatology, 2003, 121, 88-95.	0.7	38
42	Okadaic acid induces phosphorylation and translocation of myosin phosphatase target subunit 1 influencing myosin phosphorylation, stress fiber assembly and cell migration in HepG2 cells. Cellular Signalling, 2005, 17, 1265-1275.	3.6	37
43	Nucleolar localization of phosphatidylinositol 4-kinase PI4K230 in various mammalian cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 1174-1183.	1.5	37
44	Myosin phosphatase interacts with and dephosphorylates the retinoblastoma protein in THP-1 leukemic cells: Its inhibition is involved in the attenuation of daunorubicin-induced cell death by calyculin-A. Cellular Signalling, 2008, 20, 2059-2070.	3.6	36
45	Deletion of PARP-2 induces hepatic cholesterol accumulation and decrease in HDL levels. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 594-602.	3.8	36
46	Synthetic, enzyme kinetic, and protein crystallographic studies of C -Î²- d -glucopyranosyl pyrroles and imidazoles reveal and explain low nanomolar inhibition of human liver glycogen phosphorylase. European Journal of Medicinal Chemistry, 2016, 123, 737-745.	5.5	36
47	Gram-scale synthesis of a glucopyranosylidene-spiro-thiohydantoin and its effect on hepatic glycogen metabolism studied in vitro and in vivo. Tetrahedron: Asymmetry, 2000, 11, 405-408.	1.8	35
48	Glucose-based spiro-heterocycles as potent inhibitors of glycogen phosphorylase. Bioorganic and Medicinal Chemistry, 2009, 17, 5696-5707.	3.0	34
49	Localization of myosin phosphatase target subunit 1 in rat brain and in primary cultures of neuronal cells. Journal of Comparative Neurology, 2004, 478, 72-87.	1.6	33
50	Ionotropic purinergic receptor P2X4 is involved in the regulation of chondrogenesis in chicken micromass cell cultures. Cell Calcium, 2009, 45, 421-430.	2.4	32
51	Cytoprotective effect of gallotannin in oxidatively stressed HaCaT keratinocytes: the role of poly(ADP-ribose) metabolism. Experimental Dermatology, 2004, 13, 170-178.	2.9	31
52	4(5)-Aryl-2-C-glucopyranosyl-imidazoles as New Nanomolar Glucose Analogue Inhibitors of Glycogen Phosphorylase. ACS Medicinal Chemistry Letters, 2015, 6, 1215-1219.	2.8	31
53	Polymodal Transient Receptor Potential Vanilloid (TRPV) Ion Channels in Chondrogenic Cells. International Journal of Molecular Sciences, 2015, 16, 18412-18438.	4.1	30
54	Thiophosphate-activated phosphorylase kinase as a probe in the regulation of phosphorylase phosphatase. Biochimica Et Biophysica Acta - Biomembranes, 1976, 429, 809-816.	2.6	29

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55	Identification and localization of myosin phosphatase in human platelets. Biochemical Journal, 1998, 330, 225-231.	3.7	29
56	Probing multivalency for the inhibition of an enzyme: glycogen phosphorylase as a case study. New Journal of Chemistry, 2009, 33, 148-156.	2.8	29
57	Insulin Sensitivity is Modified by a Glycogen Phosphorylase Inhibitor: Glucopyranosylidene-Spiro-Thiohydantoin in Streptozotocin-Induced Diabetic Rats. Current Topics in Medicinal Chemistry, 2015, 15, 2390-2394.	2.1	29
58	The control of phosphorylase phosphatase by cAMP-dependent protein kinase. FEBS Letters, 1977, 82, 269-272.	2.8	28
59	Immunohistochemical localisation of two phosphatidylinositol 4-kinase isoforms, PI4K230 and PI4K92, in the central nervous system of rats. Experimental Brain Research, 2000, 134, 279-288.	1.5	28
60	Synthesis of heterocyclic N-(Î²-d-glucopyranosyl)carboxamides for inhibition of glycogen phosphorylase. Carbohydrate Research, 2012, 351, 56-63.	2.3	25
61	Synthesis of N-aryl spiro-sulfamides as potential glycogen phosphorylase inhibitors. Tetrahedron Letters, 2012, 53, 959-961.	1.4	25
62	Functional analysis of theNeurospora crassa PZL-1 protein phosphatase by expression in budding and fission yeast. Yeast, 2001, 18, 115-124.	1.7	24
63	Crystallographic studies on two bioisosteric analogues, N-acetyl-Î²-d-glucopyranosylamine and N-trifluoroacetyl-Î²-d-glucopyranosylamine, potent inhibitors of muscle glycogen phosphorylase. Bioorganic and Medicinal Chemistry, 2006, 14, 181-189.	3.0	24
64	3-Aminobenzamide protects primary human keratinocytes from UV-induced cell death by a poly(ADP-ribosyl)ation independent mechanism. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 743-751.	4.1	24
65	Calcineurin regulates endothelial barrier function by interaction with and dephosphorylation of myosin phosphatase. Cardiovascular Research, 2012, 96, 494-503.	3.8	23
66	Synthesis of 1,2,3-triazoles from xylosyl and 5-thioxylosyl azides: evaluation of the xylose scaffold for the design of potential glycogen phosphorylase inhibitors. Carbohydrate Research, 2012, 364, 28-40.	2.3	22
67	A multidisciplinary study of 3-(Î²- d -glucopyranosyl)-5-substituted-1,2,4-triazole derivatives as glycogen phosphorylase inhibitors: Computation, synthesis, crystallography and kinetics reveal new potent inhibitors. European Journal of Medicinal Chemistry, 2018, 147, 266-278.	5.5	22
68	Okadaic acid-induced inhibition of protein phosphatase 2A enhances chondrogenesis in chicken limb bud micromass cell cultures. Anatomy and Embryology, 2001, 203, 23-34.	1.5	21
69	Protein phosphatase 2A holoenzyme and its subunits from Medicago sativa. Plant Molecular Biology, 2000, 43, 527-536.	3.9	20
70	Hormonal regulation of phosphorylase phosphatase activity in rat liver. FEBS Letters, 1986, 203, 253-256.	2.8	19
71	Purification and characterization of three distinct types of protein phosphatase catalytic subunits in bovine platelets. Archives of Biochemistry and Biophysics, 1992, 298, 682-687.	3.0	19
72	Tethered derivatives of d-glucose and pentacyclic triterpenes for homo/heterobivalent inhibition of glycogen phosphorylase. New Journal of Chemistry, 2010, 34, 1450.	2.8	19

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73	Ser/Thr-phosphoprotein phosphatases in chondrogenesis: neglected components of a two-player game. Cellular Signalling, 2014, 26, 2175-2185.	3.6	19
74	Synthesis of 4-amidomethyl-1-glucosyl-1,2,3-triazoles and evaluation as glycogen phosphorylase inhibitors. Carbohydrate Research, 2015, 402, 245-251.	2.3	19
75	Protein phosphatase 2A activity is required for functional adherent junctions in endothelial cells. Microvascular Research, 2013, 89, 86-94.	2.5	18
76	Synthesis of C-xylopyranosyl- and xylopyranosylidene-spiro-heterocycles as potential inhibitors of glycogen phosphorylase. Carbohydrate Research, 2014, 399, 38-48.	2.3	18
77	C-(2-Deoxy-d-arabino-hex-1-enopyranosyl)-oxadiazoles: synthesis of possible isomers and their evaluation as glycogen phosphorylase inhibitors. Carbohydrate Research, 2015, 412, 71-79.	2.3	18
78	Nanomolar Inhibitors of Glycogen Phosphorylase Based on Î²-<scp>d</scp>-Glucosaminyl Heterocycles: A Combined Synthetic, Enzyme Kinetic, and Protein Crystallography Study. Journal of Medicinal Chemistry, 2017, 60, 9251-9262.	6.4	18
79	Synthesis of N-(Î²-d-glucopyranosyl) monoamides of dicarboxylic acids as potential inhibitors of glycogen phosphorylase. Carbohydrate Research, 2006, 341, 947-956.	2.3	17
80	Synthesis, enzyme kinetics and computational evaluation of N-(Î²-d-glucopyranosyl) oxadiazolecarboxamides as glycogen phosphorylase inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 5738-5747.	3.0	17
81	Poly(ADP) ribose polymerase-1 ablation alters eicosanoid and docosanoid signaling and metabolism in a murine model of contact hypersensitivity. Molecular Medicine Reports, 2015, 11, 2861-2867.	2.4	17
82	PKCdelta is a positive regulator of chondrogenesis in chicken high density micromass cell cultures. Biochimie, 2011, 93, 149-159.	2.6	16
83	Synthesis of substituted 2-(Î²-d-glucopyranosyl)-benzimidazoles and their evaluation as inhibitors of glycogen phosphorylase. Carbohydrate Research, 2013, 381, 179-186.	2.3	16
84	Characterization of the effect of TIMAP phosphorylation on its interaction with protein phosphatase 1. Biochimie, 2011, 93, 1139-1145.	2.6	15
85	Synthesis of a C-glucosylated cyclopropylamide and evaluation as a glycogen phosphorylase inhibitor. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4774-4778.	2.2	14
86	Heterotropic interactions of AMP and glucose binding sites in phosphorylase a are destroyed by limited proteolysis. Biochemical and Biophysical Research Communications, 1983, 113, 825-831.	2.1	13
87	Effects of acidic and basic macromolecules on the activity of protein phosphatase-1. BBA - Proteins and Proteomics, 1985, 827, 23-29.	2.1	13
88	Dephosphorylation of tau protein from Alzheimer's disease patients. Neuroscience Letters, 1994, 165, 175-178.	2.1	13
89	Recent Developments in the Synthesis and Evaluation of Glucose Analog Inhibitors of Glycogen Phosphorylases as Potential Antidiabetic Agents. Frontiers in Drug Design and Discovery, 2005, 2, 253-272.	0.3	13
90	N-(4-Substituted-benzoyl)-Nâ€²-(Î²-d-glucopyranosyl)ureas as inhibitors of glycogen phosphorylase: Synthesis and evaluation by kinetic, crystallographic, and molecular modelling methods. Bioorganic and Medicinal Chemistry, 2012, 20, 1801-1816.	3.0	13

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91	Purification of the catalytic subunit of protein phosphatase-1 from Drosophila melanogaster. Biochemical and Biophysical Research Communications, 1987, 144, 1175-1181.	2.1	12
92	Synthesis and glycogen phosphorylase inhibitor activity of 2,3-dihydrobenzo[1,4]dioxin derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 4048-4056.	3.0	12
93	Synthesis of 2-(Î²-d-glucopyranosyl)-5-(substituted-amino)-1,3,4-oxa- and -thiadiazoles for the inhibition of glycogen phosphorylase. Carbohydrate Research, 2013, 381, 187-195.	2.3	11
94	pzl-1 encodes a novel protein phosphatase-Z-like Ser/Thr protein phosphatase in Neurospora crassa. BBA - Proteins and Proteomics, 1998, 1388, 260-266.	2.1	10
95	Glucopyranosylidene-spiro-iminothiazolidinone, a new bicyclic ring system: Synthesis, derivatization, and evaluation for inhibition of glycogen phosphorylase by enzyme kinetic and crystallographic methods. Bioorganic and Medicinal Chemistry, 2014, 22, 4028-4041.	3.0	10
96	Computationally motivated synthesis and enzyme kinetic evaluation of N-(Î²-d-glucopyranosyl)-1,2,4-triazolecarboxamides as glycogen phosphorylase inhibitors. MedChemComm, 2015, 6, 80-89.	3.4	10
97	Improved preparation of 4(5)-aryl-2-(Î²-d-glucopyranosyl)-imidazoles, the most efficient glucose analogue inhibitors of glycogen phosphorylase. RSC Advances, 2016, 6, 94787-94794.	3.6	10
98	C-Glucopyranosyl-1,2,4-triazol-5-ones: synthesis and inhibition of glycogen phosphorylase. Carbohydrate Research, 2016, 429, 128-134.	2.3	10
99	Protein Phosphatase 1 Catalytic Subunit Isoforms from Alfalfa: Biochemical Characterization and cDNA Cloning. Archives of Biochemistry and Biophysics, 1998, 360, 206-214.	3.0	8
100	3-Glucosylated 5-amino-1,2,4-oxadiazoles: synthesis and evaluation as glycogen phosphorylase inhibitors. Beilstein Journal of Organic Chemistry, 2015, 11, 499-503.	2.2	8
101	Regulation of phosphoprotein phosphatase by phosphorylation of other proteins in skeletal muscle. FEBS Letters, 1978, 93, 239-241.	2.8	7
102	The role of autophosphorylation of cAMP-dependent protein kinase II in the inhibition of protein phosphatase-1. International Journal of Biochemistry & Cell Biology, 1989, 21, 1137-1141.	0.5	7
103	Interaction of the catalytic subunits of protein phosphatase-1 and 2A with inhibitor-1 and 2: A fluorescent study with sulfhydryl-specific Pyrene maleimide. Biochemical and Biophysical Research Communications, 1990, 169, 559-564.	2.1	7
104	Isolation and characterization of the catalytic subunit of protein phosphatase 2A from Neurospora crassa. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1995, 112, 515-522.	1.6	7
105	Synthesis of New Cyclitol Compounds That Influence the Activity of Phosphatidylinositol 4-Kinase Isoform, PI4K230. Journal of Medicinal Chemistry, 2001, 44, 627-632.	6.4	7
106	Synthesis of 2-(Î²-d-glucopyranosylamino)-5-substituted-1,3,4-oxadiazoles for inhibition of glycogen phosphorylase. Carbohydrate Research, 2013, 381, 196-204.	2.3	7
107	Synthesis of tartaric acid analogues of FR258900 and their evaluation as glycogen phosphorylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1789-1792.	2.2	7
108	Platelet phosphoprotein phosphatase activity. Its subcellular distribution and regulation. Biochimica Et Biophysica Acta - Biomembranes, 1980, 611, 384-389.	2.6	5

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109	Role of calcineurin in thrombinâ€mediated endothelial cell contraction. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 405-411.	1.5	5
110	Synthesis and glycogen phosphorylase inhibitory activity of N-(Î²-d-glucopyranosyl)amides possessing 1,4-benzodioxane moiety. Bioorganic and Medicinal Chemistry, 2009, 17, 6738-6741.	3.0	5
111	Inhibition of calcineurin by cyclosporine A exerts multiple effects on human melanoma cell lines HT168 and WM35. International Journal of Oncology, 2009, 34, 995-1003.	3.3	5
112	PP2B and ERK1/2 regulate hyaluronan synthesis of HT168 and WM35 human melanoma cell lines. International Journal of Oncology, 2016, 48, 983-997.	3.3	5
113	Glucose-based spiro-oxathiazoles as in vivo anti-hyperglycemic agents through glycogen phosphorylase inhibition. Organic and Biomolecular Chemistry, 2020, 18, 931-940.	2.8	5
114	Role of Phosphorylase Kinase and Cyclic AMP-dependent Protein Kinase in the Regulation of Phosphorylase Phosphatase. Biochemical Society Transactions, 1978, 6, 21-25.	3.4	4
115	Short-term hormonal control of protein phosphatases involved in hepatic glycogen metabolism. Advances in Enzyme Regulation, 1990, 30, 305-327.	2.6	4
116	The Catalytic Subunits of Ser/Thr Protein Phosphatases from Caenorhabditis elegans. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 317-324.	1.6	3
117	Structureâ€“Activity Relationships of Glycogen Phosphorylase Inhibitor FR258900 and Its Analogues: A Combined Synthetic, Enzyme Kinetics, and Computational Study. ChemPlusChem, 2014, 79, 1558-1568.	2.8	3
118	Glycogen phosphorylase inhibitor, 2,3â€bis[(2E)â€3â€(4â€hydroxyphenyl)propâ€2â€enamido] butanedioic acid (BF142), improves baseline insulin secretion of MIN6 insulinoma cells. PLoS ONE, 2020, 15, e0236081.	2.5	3
119	Structural and functional assembly of glycogen metabolizing enzymes. BioSystems, 1980, 12, 289-294.	2.0	2
120	Regulation of the dephosphorylation of phosphorylase A by glucose, AMP and polyamines. International Journal of Biochemistry & Cell Biology, 1988, 20, 197-201.	0.5	2
121	Purification and partial characterization of protein phosphatases from rat thymus. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1013, 300-305.	4.1	2
122	Phosphorylase phosphatase activities of rat liver in streptozotocin-diabetes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1052, 235-241.	4.1	2
123	Comparative Characterization of liver glycogen metabolism in rat and gunea-pig. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1992, 103, 547-552.	0.2	2
124	Activation/dephosphorylation of muscle glycogen synthase phosphorylated by phosphorylase kinase. International Journal of Biochemistry & Cell Biology, 1989, 21, 631-634.	0.5	1
125	Quantitation of protein phosphatase 1 and 2A in extracts of the budding yeast and fission yeast. International Journal of Biochemistry and Cell Biology, 1995, 27, 767-773.	2.8	1
126	The role of protein kinase C isoenzymes in the regulation of calcineurin activity in human peripheral blood mononuclear cells. International Journal of Molecular Medicine, 2007, 20, 359.	4.0	1

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127	Dual role of poly(ADP-ribose) glycohydrolase in the regulation of cell death in oxidatively stressed A549 cells. , 2009, 23, 3553.		1
128	Phosphatase 2A is involved in Adherens Junction (AJ) Regulation in Endothelial Cells. FASEB Journal, 2013, 27, lb710.	0.5	0