

# George G Holz

## List of Publications by Citations

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123  
papers

7,939  
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50  
h-index

88  
g-index

132  
ext. papers

8,419  
ext. citations

5.3  
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5.77  
L-index

#	Paper	IF	Citations
123	GTP-binding proteins mediate transmitter inhibition of voltage-dependent calcium channels. <i>Nature</i> , <b>1986</b> , 319, 670-2	50.4	614
122	In vivo derivation of glucose-competent pancreatic endocrine cells from bone marrow without evidence of cell fusion. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 843-850	15.9	525
121	Pancreatic beta-cells are rendered glucose-competent by the insulinotropic hormone glucagon-like peptide-1(7-37). <i>Nature</i> , <b>1993</b> , 361, 362-5	50.4	508
120	Epac: A new cAMP-binding protein in support of glucagon-like peptide-1 receptor-mediated signal transduction in the pancreatic beta-cell. <i>Diabetes</i> , <b>2004</b> , 53, 5-13	0.9	291
119	Epac-selective cAMP analog 8-pCPT-2PO-Me-cAMP as a stimulus for Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release and exocytosis in pancreatic beta-cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 8279-85	5.4	238
118	Cell physiology of cAMP sensor Epac. <i>Journal of Physiology</i> , <b>2006</b> , 577, 5-15	3.9	216
117	Leptin suppression of insulin secretion and gene expression in human pancreatic islets: implications for the development of adipogenic diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 670-6	5.6	205
116	Leptin Suppression of Insulin Secretion and Gene Expression in Human Pancreatic Islets: Implications for the Development of Adipogenic Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 670-676	5.6	176
115	Characterization of the electrically evoked release of substance P from dorsal root ganglion neurons: methods and dihydropyridine sensitivity. <i>Journal of Neuroscience</i> , <b>1988</b> , 8, 463-71	6.6	174
114	cAMP-dependent mobilization of intracellular Ca <sup>2+</sup> stores by activation of ryanodine receptors in pancreatic beta-cells. A Ca <sup>2+</sup> signaling system stimulated by the insulinotropic hormone glucagon-like peptide-1-(7-37). <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 14147-56	5.4	172
113	Glucagon-like peptide-1 mobilizes intracellular Ca <sup>2+</sup> and stimulates mitochondrial ATP synthesis in pancreatic MIN6 beta-cells. <i>Biochemical Journal</i> , <b>2003</b> , 369, 287-99	3.8	165
112	Interplay of Ca <sup>2+</sup> and cAMP signaling in the insulin-secreting MIN6 beta-cell line. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 31294-302	5.4	165
111	cAMP-regulated guanine nucleotide exchange factor II (Epac2) mediates Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release in INS-1 pancreatic beta-cells. <i>Journal of Physiology</i> , <b>2001</b> , 536, 375-85	3.9	164
110	Dihydropyridine inhibition of neuronal calcium current and substance P release. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1987</b> , 409, 361-6	4.6	161
109	G proteins as regulators of ion channel function. <i>Trends in Neurosciences</i> , <b>1987</b> , 10, 241-244	13.3	149
108	Epac-selective cAMP analogs: new tools with which to evaluate the signal transduction properties of cAMP-regulated guanine nucleotide exchange factors. <i>Cellular Signalling</i> , <b>2008</b> , 20, 10-20	4.9	144
107	Regulation of glucose homeostasis by GLP-1. <i>Progress in Molecular Biology and Translational Science</i> , <b>2014</b> , 121, 23-65	4	127

106	Activation of a cAMP-regulated Ca <sup>2+</sup> -Signaling Pathway in Pancreatic $\beta$ -Cells by the Insulinotropic Hormone Glucagon-like Peptide-1. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 17749-17757	5.4	111
105	Signal transduction crosstalk in the endocrine system: pancreatic beta-cells and the glucose competence concept. <i>Trends in Biochemical Sciences</i> , <b>1992</b> , 17, 388-93	10.3	111
104	Glucagon-like peptide-1 synthetic analogs: new therapeutic agents for use in the treatment of diabetes mellitus. <i>Current Medicinal Chemistry</i> , <b>2003</b> , 10, 2471-83	4.3	109
103	cAMP sensor Epac as a determinant of ATP-sensitive potassium channel activity in human pancreatic beta cells and rat INS-1 cells. <i>Journal of Physiology</i> , <b>2006</b> , 573, 595-609	3.9	107
102	Sterols of Leishmania species. Implications for biosynthesis. <i>Molecular and Biochemical Parasitology</i> , <b>1984</b> , 10, 161-70	1.9	107
101	Isoform-specific antagonists of exchange proteins directly activated by cAMP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18613-8	11.5	104
100	Role of phospholipase C $\alpha$ in physiological phosphoinositide signaling networks. <i>Cellular Signalling</i> , <b>2012</b> , 24, 1333-43	4.9	103
99	A cAMP and Ca <sup>2+</sup> coincidence detector in support of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release in mouse pancreatic beta cells. <i>Journal of Physiology</i> , <b>2005</b> , 566, 173-88	3.9	103
98	Glucagon-like peptide 1 stimulates insulin gene promoter activity by protein kinase A-independent activation of the rat insulin I gene cAMP response element. <i>Diabetes</i> , <b>2000</b> , 49, 1156-64	0.9	99
97	The polyunsaturated fatty acids of marine dinoflagellates. <i>Journal of Protozoology</i> , <b>1970</b> , 17, 213-9		99
96	Effects of antimycotic azoles on growth and sterol biosynthesis of Leishmania promastigotes. <i>Molecular and Biochemical Parasitology</i> , <b>1988</b> , 31, 149-62	1.9	94
95	G proteins couple alpha-adrenergic and GABA <sub>B</sub> receptors to inhibition of peptide secretion from peripheral sensory neurons. <i>Journal of Neuroscience</i> , <b>1989</b> , 9, 657-66	6.6	89
94	Molecular physiology of glucagon-like peptide-1 insulin secretagogue action in pancreatic $\beta$ cells. <i>Progress in Biophysics and Molecular Biology</i> , <b>2011</b> , 107, 236-47	4.7	85
93	CO <sub>2</sub> /HCO <sub>3</sub> <sup>-</sup> and calcium-regulated soluble adenylyl cyclase as a physiological ATP sensor. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 33283-91	5.4	84
92	Effects of ketoconazole on sterol biosynthesis by Leishmania mexicana mexicana amastigotes in murine macrophage tumor cells. <i>Molecular and Biochemical Parasitology</i> , <b>1986</b> , 20, 85-92	1.9	80
91	CO <sub>2</sub> /HCO <sub>3</sub> <sup>-</sup> and calcium-regulated soluble adenylyl cyclase as a physiological ATP sensor.. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 12679	5.4	78
90	Dehydrodinosterol, dinosterone and related sterols of a non-photosynthetic dinoflagellate, Cryptocodinium cohnii. <i>Phytochemistry</i> , <b>1978</b> , 17, 1987-1989	4	78
89	Sterols of ketoconazole-inhibited Leishmania mexicana mexicana promastigotes. <i>Molecular and Biochemical Parasitology</i> , <b>1985</b> , 15, 257-79	1.9	71

88	Role of the cAMP sensor Epac as a determinant of KATP channel ATP sensitivity in human pancreatic beta-cells and rat INS-1 cells. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1307-19	3.9	68
87	Biosynthesis of Lipids by Kinetoplastid Flagellates. <i>Journal of Biological Chemistry</i> , <b>1966</b> , 241, 5000-5007	5.4	67
86	The activity of ketoconazole and other azoles against <i>Trypanosoma cruzi</i> : biochemistry and chemotherapeutic action in vitro. <i>Molecular and Biochemical Parasitology</i> , <b>1989</b> , 32, 179-89	1.9	64
85	Amplification of exocytosis by Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release in INS-1 pancreatic beta cells. <i>Journal of Physiology</i> , <b>2003</b> , 546, 175-89	3.9	63
84	Sufentanil, morphine, met-enkephalin, and kappa-agonist (U-50,488H) inhibit substance P release from primary sensory neurons: a model for presynaptic spinal opioid actions. <i>Anesthesiology</i> , <b>1989</b> , 70, 672-7	4.3	60
83	Effects of ketoconazole on sterol biosynthesis by <i>Trypanosoma cruzi</i> epimastigotes. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 136, 851-6	3.4	59
82	PKA-dependent potentiation of glucose-stimulated insulin secretion by Epac activator 8-pCPT-2PO-Me-cAMP-AM in human islets of Langerhans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E622-33	6	58
81	Phospholipase C links Epac2 activation to the potentiation of glucose-stimulated insulin secretion from mouse islets of Langerhans. <i>Islets</i> , <b>2011</b> , 3, 121-8	2	58
80	Identification and characterization of small molecules as potent and specific EPAC2 antagonists. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 952-62	8.3	55
79	Epac2-dependent mobilization of intracellular Ca <sup>2+</sup> by glucagon-like peptide-1 receptor agonist exendin-4 is disrupted in $\beta$ -cells of phospholipase C-knockout mice. <i>Journal of Physiology</i> , <b>2010</b> , 588, 4871-89	3.9	53
78	Enhanced Rap1 activation and insulin secretagogue properties of an acetoxymethyl ester of an Epac-selective cyclic AMP analog in rat INS-1 cells: studies with 8-pCPT-2PO-Me-cAMP-AM. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 10728-36	5.4	53
77	Expression of cAMP-regulated guanine nucleotide exchange factors in pancreatic beta-cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 278, 44-7	3.4	53
76	Epac2-dependent rap1 activation and the control of islet insulin secretion by glucagon-like peptide-1. <i>Vitamins and Hormones</i> , <b>2010</b> , 84, 279-302	2.5	52
75	Syntaxin-3 and syntaxin-1A inhibit L-type calcium channel activity, insulin biosynthesis and exocytosis in beta-cell lines. <i>Diabetologia</i> , <b>2002</b> , 45, 231-41	10.3	51
74	A novel cyclic adenosine monophosphate responsive luciferase reporter incorporating a nonpalindromic cyclic adenosine monophosphate response element provides optimal performance for use in G protein coupled receptor drug discovery efforts. <i>Journal of Biomolecular Screening</i> , <b>2007</b> , 12, 740-6		50
73	Glucagon-like peptide-1 induced signaling and insulin secretion do not drive fuel and energy metabolism in primary rodent pancreatic beta-cells. <i>PLoS ONE</i> , <b>2009</b> , 4, e6221	3.7	49
72	Identification of (24S)-24-methylcholesta-5,22-dien-3 $\beta$ -ol as the major sterol of a marine cryptophyte and a marine prymnesiophyte. <i>Phytochemistry</i> , <b>1983</b> , 22, 475-476	4	44
71	Exendin-4 as a stimulator of rat insulin I gene promoter activity via bZIP/CRE interactions sensitive to serine/threonine protein kinase inhibitor Ro 31-8220. <i>Endocrinology</i> , <b>2002</b> , 143, 2303-13	4.8	43

70	Facilitation of $\beta$ cell K(ATP) channel sulfonylurea sensitivity by a cAMP analog selective for the cAMP-regulated guanine nucleotide exchange factor Epac. <i>Islets</i> , <b>2010</b> , 2, 72-81	2	40
69	Serotonin depolarizes type A and C primary afferents: an intracellular study in bullfrog dorsal root ganglion. <i>Brain Research</i> , <b>1985</b> , 327, 71-9	3.7	36
68	Serotonin decreases the duration of action potentials recorded from tetraethylammonium-treated bullfrog dorsal root ganglion cells. <i>Journal of Neuroscience</i> , <b>1986</b> , 6, 620-6	6.6	36
67	The Polyunsaturated Fatty Acids of Marine and Freshwater Cryptomonads <sup>1</sup> . <i>Journal of Protozoology</i> , <b>1970</b> , 17, 501-510		36
66	Black widow spider alpha-latrotoxin: a presynaptic neurotoxin that shares structural homology with the glucagon-like peptide-1 family of insulin secretagogic hormones. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1998</b> , 121, 177-84	2.3	34
65	Signal transduction of PACAP and GLP-1 in pancreatic beta cells. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 805, 81-92; discussion 92-3	6.5	33
64	Glucose-dependent potentiation of mouse islet insulin secretion by Epac activator 8-pCPT-2PO-Me-cAMP-AM. <i>Islets</i> , <b>2009</b> , 1, 260-5	2	30
63	Simultaneous optical measurements of cytosolic Ca <sup>2+</sup> and cAMP in single cells. <i>Sciencels STKE: Signal Transduction Knowledge Environment</i> , <b>2006</b> , 2006, pl6		29
62	The Oxidative Metabolism of a Cryptomonad Flagellate, <i>Chilomonas paramecium</i> *. <i>Journal of Protozoology</i> , <b>1954</b> , 1, 114-120		29
61	Some Physiological Characteristics of the Mating Types and Varieties of <i>Tetrahymena pyriformis</i> * <sup>□</sup> <i>Journal of Protozoology</i> , <b>1959</b> , 6, 149-156		28
60	Rp-cAMPS Prodrugs Reveal the cAMP Dependence of First-Phase Glucose-Stimulated Insulin Secretion. <i>Molecular Endocrinology</i> , <b>2015</b> , 29, 988-1005		27
59	Effect of the allylamine antifungal drug SF 86-327 on the growth and sterol synthesis of <i>Leishmania mexicana mexicana</i> promastigotes. <i>Biochemical Pharmacology</i> , <b>1985</b> , 34, 3785-8	6	27
58	The cyclopropane fatty acid of trypanosomatids. <i>Molecular and Biochemical Parasitology</i> , <b>1981</b> , 3, 103-151.9		27
57	Chimeric peptide EP45 as a dual agonist at GLP-1 and NPY2R receptors. <i>Scientific Reports</i> , <b>2018</b> , 8, 3749	4.9	26
56	Diabetes outfoxed by GLP-1?. <i>Science Signaling</i> , <b>2005</b> , 2005, pe2	8.8	26
55	Stimulation of proglucagon gene expression by human GPR119 in enteroendocrine L-cell line GLUTag. <i>Molecular Endocrinology</i> , <b>2013</b> , 27, 1267-82		25
54	Synthesis, characterization and pharmacodynamics of vitamin-B(12)-conjugated glucagon-like peptide-1. <i>ChemMedChem</i> , <b>2013</b> , 8, 582-6	3.7	24
53	<i>Tetrahymena setifera</i> n.sp., a Member of the Genus <i>Tetrahymena</i> with a Caudal Cilium*. <i>Journal of Protozoology</i> , <b>1956</b> , 3, 112-118		24

52	The Sterol Requirement of <i>Tetrahymena paravorax</i> RP*. <i>Journal of Protozoology</i> , <b>1961</b> , 8, 297-300		24
51	Tegument galactosylceramides of the cestode <i>Spirometra mansonoides</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1987</b> , 26, 99-111	1.9	23
50	Observations on the ultrastructure of <i>Uronema</i> spp., marine scuticociliates. <i>Journal of Protozoology</i> , <b>1976</b> , 23, 503-17		23
49	Cytosolic adenylate kinases regulate K-ATP channel activity in human beta-cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 368, 614-9	3.4	21
48	Vitamin B12 conjugation of peptide-YY(3-36) decreases food intake compared to native peptide-YY(3-36) upon subcutaneous administration in male rats. <i>Endocrinology</i> , <b>2015</b> , 156, 1739-49	4.8	20
47	Biosynthesis of oleic acid and docosahexaenoic acid by a heterotrophic marine dinoflagellate <i>Cryptocodinium cohnii</i> . <i>Lipids and Lipid Metabolism</i> , <b>1974</b> , 369, 16-24		19
46	Exendin-4 as a Stimulator of Rat Insulin I Gene Promoter Activity via bZIP/CRE Interactions Sensitive to Serine/Threonine Protein Kinase Inhibitor Ro 31-8220		19
45	A vitamin B12 conjugate of exendin-4 improves glucose tolerance without associated nausea or hypophagia in rodents. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1223-1234	6.7	18
44	Synthetic small molecule GLP-1 secretagogues prepared by means of a three-component indole annulation strategy. <i>Scientific Reports</i> , <b>2016</b> , 6, 28934	4.9	16
43	Over-expression of the glucagon-like peptide-1 receptor on INS-1 cells confers autocrine stimulation of insulin gene promoter activity: a strategy for production of pancreatic beta-cell lines for use in transplantation. <i>Cell and Tissue Research</i> , <b>2002</b> , 307, 191-201	4.2	16
42	GPR119 Agonist AS1269574 Activates TRPA1 Cation Channels to Stimulate GLP-1 Secretion. <i>Molecular Endocrinology</i> , <b>2016</b> , 30, 614-29		15
41	Nonconventional glucagon and GLP-1 receptor agonist and antagonist interplay at the GLP-1 receptor revealed in high-throughput FRET assays for cAMP. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 3514-3531	5.4	15
40	Insulinotropic toxins as molecular probes for analysis of glucagon-likepeptide-1 receptor-mediated signal transduction in pancreatic beta-cells. <i>Biochimie</i> , <b>2000</b> , 82, 915-26	4.6	14
39	Enhanced Peptide Stability Against Protease Digestion Induced by Intrinsic Factor Binding of a Vitamin B12 Conjugate of Exendin-4. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3502-6	5.6	13
38	Restoration of Glucose-Stimulated Cdc42-Pak1 Activation and Insulin Secretion by a Selective Epac Activator in Type 2 Diabetic Human Islets. <i>Diabetes</i> , <b>2018</b> , 67, 1999-2011	0.9	13
37	Some <i>Phytomonas</i> and <i>Herpetomonas</i> species form unique iso-branched polyunsaturated fatty acids. <i>Molecular and Biochemical Parasitology</i> , <b>1982</b> , 5, 1-18	1.9	13
36	Effect of dietary cholesterol on unsaturated fatty acid biosynthesis in a ciliated protozoan. <i>Lipids and Lipid Metabolism</i> , <b>1966</b> , 125, 614-6		13
35	New insights concerning the molecular basis for defective glucoregulation in soluble adenylyl cyclase knockout mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 2593-600	6.9	12

34	Leptin-stimulated KATP channel trafficking: a new paradigm for $\beta$ -cell stimulus-secretion coupling?. <i>Islets</i> , <b>2013</b> , 5, 229-32	2	12
33	Lipids of stages in the life-cycle of the cestode <i>Spirometra mansonioides</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1980</b> , 1, 249-68	1.9	11
32	The Lipids of Cestodes from Pacific and Atlantic Coast Triakid Sharks. <i>Journal of Parasitology</i> , <b>1971</b> , 57, 1272	0.9	11
31	Application of patch clamp methods to the study of calcium currents and calcium channels. <i>Methods in Cell Biology</i> , <b>1994</b> , 40, 135-51	1.8	10
30	Effects of thiastearic acids on growth and on dihydrosterculic acid and other phospholipid fatty acyl groups of <i>Leishmania promastigotes</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1989</b> , 35, 57-66	1.9	10
29	PI3 kinases p110 $\beta$ and PI3K-C2 $\beta$ negatively regulate cAMP via PDE3/8 to control insulin secretion in mouse and human islets. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 459-471	8.8	9
28	Epac2A makes a new impact in $\beta$ -cell biology. <i>Diabetes</i> , <b>2013</b> , 62, 2665-6	0.9	9
27	Corrination of a GLP-1 Receptor Agonist for Glycemic Control without Emesis. <i>Cell Reports</i> , <b>2020</b> , 31, 107768	10.6	9
26	Benzoquinones in stages of the life-cycle of the cestode <i>Spirometra mansonioides</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1980</b> , 1, 269-78	1.9	7
25	Therapeutic potential of $\alpha$ 7 nicotinic acetylcholine receptor agonists to combat obesity, diabetes, and inflammation. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2020</b> , 21, 431-447	10.5	7
24	Modeling analysis of inositol 1,4,5-trisphosphate receptor-mediated Ca <sup>2+</sup> mobilization under the control of glucagon-like peptide-1 in mouse pancreatic $\beta$ -cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2016</b> , 310, C337-47	5.4	7
23	Solution Structure and Constrained Molecular Dynamics Study of Vitamin B12 Conjugates of the Anorectic Peptide PYY(3-36). <i>ChemMedChem</i> , <b>2016</b> , 11, 1015-21	3.7	6
22	$\alpha$ 7 Nicotinic Acetylcholine Receptor Regulates the Function and Viability of L Cells. <i>Endocrinology</i> , <b>2018</b> , 159, 3132-3142	4.8	5
21	Production of a vitamin B12 compound by tetrahymenids. <i>Journal of Protozoology</i> , <b>1962</b> , 9, 211-4		5
20	Design and Evaluation of Peptide Dual-Agonists of GLP-1 and NPY2 Receptors for Glucoregulation and Weight Loss with Mitigated Nausea and Emesis. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 1127-1138	8.3	5
19	FRET Reporter Assays for cAMP and Calcium in a 96-well Format Using Genetically Encoded Biosensors Expressed in Living Cells. <i>Bio-protocol</i> , <b>2020</b> , 10,	0.9	4
18	Pertussis toxin-sensitive GTP-binding proteins characterized in synaptosomal fractions of embryonic avian cerebral cortex. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1998</b> , 119, 201-11	2.3	3
17	"A-kinase" regulator runs amok to provide a paradigm shift in cAMP signaling. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 2247-2248	5.4	3

16	[Tc]Tc-DGA1, a Promising CCKR-Antagonist-Based Tracer for Tumor Diagnosis with Single-Photon Emission Computed Tomography. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 3116-3128	5.6	2
15	Intra-islet glucagon confers $\beta$ -cell glucose competence for first-phase insulin secretion and favors GLP-1R stimulation by exogenous glucagon.. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 101484	5.4	2
14	Effects of a Squalene-2,3-Epoxidase Inhibitor on Propagation and Sterol Biosynthesis of Leishmania Promastigotes and Amastigotes <b>1989</b> , 885-890		2
13	Effects of Lanosterol-14 $\beta$ -Demethylation Inhibitors on Propagation and Sterol Biosynthesis of Leishmania Promastigotes and Amastigotes <b>1989</b> , 765-771		2
12	Glucagon-Like Peptide-1: An Insulinotropic Hormone With Potent Growth Factor Actions at the Pancreatic Islets of Langerhans. <i>Growth Hormone</i> , <b>2001</b> , 109-141		1
11	Molecular Basis of cAMP Signaling in Pancreatic $\beta$ Cells <b>2015</b> , 565-603		1
10	Synthesis, Optimization, and Biological Evaluation of Corrinated Conjugates of the GLP-1R Agonist Exendin-4. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 3479-3492	8.3	1
9	Receptor-Mediated Alterations of Calcium Channel Function in the Regulation of Neurosecretion <b>1990</b> , 107-114		1
8	Functional Implications of Calcium Channel Modulation in Embryonic Dorsal Root Ganglion Neurons <b>1988</b> , 255-262		1
7	Cyclic AMP-dependent activation of ERK via GLP-1 receptor signalling requires the neuroendocrine cell-specific guanine nucleotide exchanger NCS-RapGEF2. <i>Journal of Neuroendocrinology</i> , <b>2021</b> , 33, e12974	3.8	0
6	Synthesis, in vitro biological investigation, and molecular dynamics simulations of thiazolopyrimidine based compounds as corticotrophin releasing factor receptor-1 antagonists. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105079	5.1	0
5	Glucagon-Like Peptide-1 and the Glucose Competence Concept of Pancreatic Beta-Cell Function. <i>Frontiers in Diabetes</i> , <b>1997</b> , 13, 171-193	0.6	
4	cAMP Sensor Epac and Gastrointestinal Function <b>2012</b> , 1849-1861		
3	Molecular Basis of cAMP Signaling in Pancreatic Beta Cells <b>2014</b> , 1-36		
2	Molecular Basis of cAMP Signaling in Pancreatic Beta Cells <b>2014</b> , 1-35		
1	Discovery of a stable tripeptide targeting the N-domain of CRF1 receptor. <i>Amino Acids</i> , <b>2020</b> , 52, 1337-1351		