Skarlatos G Dedos

List of Publications by Year
in descending order

46 papers	935 citations	567281 15 h-index	477307 29 g-index
46 all docs	46 docs citations	46 times ranked	890 citing authors

#	Article	IF	Citations
1	Ca2+ Entry Through Plasma Membrane IP3 Receptors. Science, 2006, 313, 229-233.	12.6	170
2	Selective coupling of type 6 adenylyl cyclase with type 2 IP3 receptors mediates direct sensitization of IP3 receptors by cAMP. Journal of Cell Biology, 2008, 183, 297-311.	5.2	93
3	Basic pattern of fluctuation in hemolymph PTTH titers during larvalâ€“pupal and pupalâ€“adult development of the silkworm, Bombyx mori. General and Comparative Endocrinology, 2002, 127, 181-189.	1.8	50
4	Regulation of Inositol 1,4,5-Trisphosphate Receptors by cAMP Independent of cAMP-dependent Protein Kinase. Journal of Biological Chemistry, 2010, 285, 12979-12989.	3.4	46
5	IP₃ receptors: some lessons from DT40 cells. Immunological Reviews, 2009, 231, 23-44.	6.0	45
6	Counting Functional Inositol 1,4,5-Trisphosphate Receptors into the Plasma Membrane. Journal of Biological Chemistry, 2008, 283, 751-755.	3.4	35
7	Rapid functional assays of recombinant IP3 receptors. Cell Calcium, 2005, 38, 45-51.	2.4	33
8	Effects of Fenoxycarb on the Secretory Activity of the Prothoracic Glands in the Fifth Instar of the Silkworm,Bombyx mori. General and Comparative Endocrinology, 1996, 104, 213-224.	1.8	31
9	Ca2+ as second messenger in PTTH-stimulated prothoracic glands of the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2002, 32, 1625-1634.	2.7	30
10	Activation of IP3 receptors by synthetic bisphosphate ligands. Chemical Communications, 2009, , 1204.	4.1	27
11	Adenophostin A and analogues modified at the adenine moiety: synthesis, conformational analysis and biological activity. Organic and Biomolecular Chemistry, 2005, 3, 245.	2.8	25
12	Synthesis of Adenophostin A Analogues Conjugating an Aromatic Group at the 5â€˜-Position as Potent IP3 Receptor Ligands. Journal of Medicinal Chemistry, 2006, 49, 5750-5758.	6.4	22
13	Differences between recombinant PTTH and crude brain extracts in cAMP-mediated ecdysteroid secretion from the prothoracic glands of the silkworm, Bombyx mori. Journal of Insect Physiology, 1999, 45, 415-422.	2.0	21
14	A missense mutation in Fgfr1 causes ear and skull defects in hush puppy mice. Mammalian Genome, 2011, 22, 290-305.	2.2	21
15	Induction of dauer larvae by application of fenoxycarb early in the 5th instar of the silkworm, Bombyx mori. Journal of Insect Physiology, 1999, 45, 769-775.	2.0	18
16	Synthesis of 4,8-anhydro-d-glycero-d-ido-nonanitol 1,6,7-trisphosphate as a novel IP3 receptor ligand using a stereoselective radical cyclization reaction based on a conformational restriction strategy. Tetrahedron, 2005, 61, 3697-3707.	1.9	17
17	Action Kinetics of a Prothoracicostatic Peptide from Bombyx mori and Its Possible Signaling Pathway. General and Comparative Endocrinology, 2001, 122, 98-108.	1.8	15
18	A Systematic Study of C-Glucoside Trisphosphates as myo-Inositol Trisphosphate Receptor Ligands. Synthesis of Î²-C-Glucoside Trisphosphates Based on the Conformational Restriction Strategy. Journal of Medicinal Chemistry, 2006, 49, 1900-1909.	6.4	15

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19	Disturbance of adult eclosion by fenoxycarb in the silkworm, Bombyx mori. Journal of Insect Physiology, 1999, 45, 257-264.	2.0	14
20	Interactions between Ca2+ and cAMP in ecdysteroid secretion from the prothoracic glands of Bombyx mori. Molecular and Cellular Endocrinology, 1999, 154, 63-70.	3.2	14
21	Involvement of Calcium, Inositol-1,4,5 Trisphosphate and Diacylglycerol in the Prothoracicotropic Hormone-Stimulated Ecdysteroid Synthesis and Secretion in the Prothoracic Glands of Bombyx mori. Zoological Science, 2001, 18, 1245-1251.	0.7	14
22	Inhibition of cAMP signalling cascade-mediated Ca2+ influx by a prothoracicostatic peptide (Mas-MIP I) via dihydropyridine-sensitive Ca2+ channels in the prothoracic glands of the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2003, 33, 219-228.	2.7	13
23	Evaluation of Antifouling Potential and Ecotoxicity of Secondary Metabolites Derived from Red Algae of the Genus Laurencia. Marine Drugs, 2019, 17, 646.	4.6	13
24	Reassessing ecdysteroidogenic cells from the cell membrane receptorsâ€™ perspective. Scientific Reports, 2016, 6, 20229.	3.3	12
25	Testicular Ecdysteroids in the Silkmoth, Bombyx mori.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1996, 72, 34-37.	3.8	11
26	Should I stay or should I go? The settlement-inducing protein complex guides barnacle settlement decisions. Journal of Experimental Biology, 2018, 221, .	1.7	10
27	Induction of dauer pupae by fenoxycarb in the silkworm, Bombyx mori. Journal of Insect Physiology, 2002, 48, 857-865.	2.0	9
28	Regulation of capacitative Ca2+ entry by prothoracicotropic hormone in the prothoracic glands of the silkworm,Bombyx mori. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2005, 303A, 101-112.	1.3	9
29	Antibodies to inositol 1,4,5-triphosphate receptor 1 in patients with cerebellar disease. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e306.	6.0	9
30	A new cerebral factor stimulates IP3 levels in the prothoracic glands of Bombyx mori. Insect Biochemistry and Molecular Biology, 1998, 28, 767-774.	2.7	8
31	Fenoxycarb levels and their effects on general and juvenile hormone esterase activity in the hemolymph of the silkworm, Bombyx mori. Pesticide Biochemistry and Physiology, 2002, 73, 174-187.	3.6	8
32	Refining a steroidogenic model: an analysis of RNA-seq datasets from insect prothoracic glands. BMC Genomics, 2018, 19, 537.	2.8	8
33	Downregulation of the cAMP signal transduction cascade in the prothoracic glands is responsible for the fenoxycarb-mediated induction of permanent 5th instar larvae in Bombyx mori. Insect Biochemistry and Molecular Biology, 1999, 29, 723-729.	2.7	7
34	Acceleration of Pupal-Adult Development by Fenoxycarb in the Silkworm, Bombyx mori. Zoological Science, 2001, 18, 771-777.	0.7	7
35	Combinatory annotation of cell membrane receptors and signalling pathways of Bombyx mori prothoracic glands. Scientific Data, 2016, 3, 160073.	5.3	7
36	Neuronal microRNAs modulate TREK two-pore domain K⁺ channel expression and current density. RNA Biology, 2020, 17, 651-662.	3.1	7

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37	Testicular Ecdysteroid Level in the Silkmoth, Bombyx mori, with Special Reference to Heat Treatment during the Wandering Stage. Zoological Science, 1995, 12, 783-788.	0.7	6
38	Signalling from parathyroid hormone. Biochemical Society Transactions, 2006, 34, 515-517.	3.4	6
39	Protein kinase A and C are â€œGatekeepersâ€•of capacitative Ca2+ entry in the prothoracic gland cells of the silkworm, Bombyx mori. Journal of Insect Physiology, 2008, 54, 878-882.	2.0	6
40	A fragment of the alarmin prothymosin Î± as a novel biomarker in murine models of bacteria-induced sepsis. Oncotarget, 2017, 8, 48635-48649.	1.8	6
41	Neuronal microRNAs safeguard ER Ca2+ homeostasis and attenuate the unfolded protein response upon stress. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	5
42	Different Ca2+ signalling cascades manifested by mastoparan in the prothoracic glands of the tobacco hornworm,Manduca sexta, and the silkworm,Bombyx mori. Archives of Insect Biochemistry and Physiology, 2007, 65, 52-64.	1.5	4
43	Probing the settlement signals of<i>Amphibalanus amphitrite</i>. Biofouling, 2018, 34, 492-506.	2.2	3
44	Prostaglandins Do not Release Egg-Laying Behaviour in the Silkmoth, Bombyx mori. Zoological Science, 1997, 14, 135-140.	0.7	2
45	Dataset and validation of the approaches to study skills inventory for students. Scientific Data, 2021, 8, 158.	5.3	2
46	Selective coupling of type 6 adenylyl cyclase with type 2 IP₃receptors mediates direct sensitization of IP₃receptors by cAMP. Journal of General Physiology, 2008, 132, i5-i5.	1.9	1