

Paul H Schlesinger

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,037
citations

361413

20
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

2747
citing authors

#	ARTICLE	IF	CITATIONS
1	BAX-dependent transport of cytochrome c reconstituted in pure liposomes. <i>Nature Cell Biology</i> , 2000, 2, 553-555.	10.3	422
2	Osteoblast Differentiation and Bone Matrix Formation <i>In Vivo</i> and <i>In Vitro</i> . <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 268-280.	4.8	329
3	Triggered recruitment of ESCRT machinery promotes endolysosomal repair. <i>Science</i> , 2018, 360, .	12.6	314
4	SCMTR: A Chloride-Selective, Membrane-Anchored Peptide Channel that Exhibits Voltage Gating. <i>Journal of the American Chemical Society</i> , 2002, 124, 1848-1849.	13.7	152
5	Recognition of lysosomal glycosidases in vivo inhibited by modified glycoproteins. <i>Nature</i> , 1976, 264, 86-88.	27.8	111
6	Phagosome-Lysosome Fusion in P388D1 Macrophages Infected With <i>Histoplasma capsulatum</i> . <i>Journal of Leukocyte Biology</i> , 1988, 43, 483-491.	3.3	87
7	Luminal Chloride-dependent Activation of Endosome Calcium Channels. <i>Journal of Biological Chemistry</i> , 2007, 282, 27327-27333.	3.4	86
8	A role for peptides in overcoming endosomal entrapment in siRNA delivery – A focus on melittin. <i>Biotechnology Advances</i> , 2015, 33, 931-940.	11.7	66
9	Malaria parasite CelTOS targets the inner leaflet of cell membranes for pore-dependent disruption. <i>ELife</i> , 2016, 5, .	6.0	54
10	Improved Coarse-Grained Modeling of Cholesterol-Containing Lipid Bilayers. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 2137-2150.	5.3	48
11	Expression and Regulation of RAB3 Proteins in Osteoclasts and Their Precursors. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1855-1860.	2.8	41
12	Rat plasma clearance of horseradish peroxidase and yeast invertase is mediated by specific recognition. <i>FEBS Letters</i> , 1978, 85, 345-348.	2.8	39
13	Cellular and extracellular matrix of bone, with principles of synthesis and dependency of mineral deposition on cell membrane transport. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C111-C124.	4.6	35
14	A hydrocarbon anchored peptide that forms a chloride-selective channel in liposomes Electronic supplementary information (ESI) available: analytical data for 1, 2 and 3. See http://www.rsc.org/suppdata/cc/b2/b200126h/ . <i>Chemical Communications</i> , 2002, , 840-841.	4.1	34
15	Replacing proline at the apex of heptapeptide-based chloride ion transporters alters their properties and their ionophoretic efficacy. <i>New Journal of Chemistry</i> , 2003, 27, 60-67.	2.8	33
16	Anchor chain length alters the apparent mechanism of chloride channel function in SCMTR derivatives. <i>Chemical Communications</i> , 2003, , 308-309.	4.1	32
17	Liposome Disruption Assay to Examine Lytic Properties of Biomolecules. <i>Bio-protocol</i> , 2017, 7, .	0.4	29
18	Mechanism of High-Level Daptomycin Resistance in <i>Corynebacterium striatum</i> . <i>MSphere</i> , 2018, 3, .	2.9	28

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19	Support of bone mineral deposition by regulation of pH. American Journal of Physiology - Cell Physiology, 2018, 315, C587-C597.	4.6	24
20	Structure and medium effects on hydrophile synthetic ion channel toxicity to the bacterium E. coli. New Journal of Chemistry, 2005, 29, 205.	2.8	22
21	Chloride-hydrogen antiporters CIC-3 and CIC-5 drive osteoblast mineralization and regulate fine-structure bone patterning in vitro. Physiological Reports, 2015, 3, e12607.	1.7	19
22	A novel intrinsically fluorescent probe for study of uptake and trafficking of 25-hydroxycholesterol. Journal of Lipid Research, 2015, 56, 2408-2419.	4.2	11
23	Design, synthesis, and biological evaluation of stable α -helices: Discovery of non-hemolytic antibacterial peptides. European Journal of Medicinal Chemistry, 2018, 149, 193-210.	5.5	9
24	Phylogeny and chemistry of biological mineral transport. Bone, 2020, 141, 115621.	2.9	8
25	Growth and mineralization of osteoblasts from mesenchymal stem cells on microporous membranes: Epithelial-like growth with transmembrane resistance and pH gradient. Biochemical and Biophysical Research Communications, 2021, 580, 14-19.	2.1	3
26	Survival of the glycosylated. ELife, 2021, 10, .	6.0	1
27	Cytolytic peptides on nanoparticle carriers induce dramatic melanoma tumor shrinkage in vivo by apoptosis. FASEB Journal, 2008, 22, 1136.15.	0.5	0
28	Biocompatible Peptide-nanoparticle Constructs for Molecular Imaging and Therapy. FASEB Journal, 2009, 23, 682.3.	0.5	0