Paul H Schlesinger

List of Publications by Year
in descending order

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	Survival of the glycosylated. ELife, 2021, 10, .	6.0	1
2	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
3	Cellular and extracellular matrix of bone, with principles of synthesis and dependency of mineral deposition on cell membrane transport. American Journal of Physiology - Cell Physiology, 2020, 318, C111-C124.	4.6	35
4	Phylogeny and chemistry of biological mineral transport. Bone, 2020, 141, 115621.	2.9	8
5	Triggered recruitment of ESCRT machinery promotes endolysosomal repair. Science, 2018, 360, .	12.6	314
6	Design, synthesis, and biological evaluation of stable Î² 6.3 -Helices: Discovery of non-hemolytic antibacterial peptides. European Journal of Medicinal Chemistry, 2018, 149, 193-210.	5.5	9
7	Support of bone mineral deposition by regulation of pH. American Journal of Physiology - Cell Physiology, 2018, 315, C587-C597.	4.6	24
8	Mechanism of High-Level Daptomycin Resistance in Corynebacterium striatum. MSphere, 2018, 3, .	2.9	28
9	Osteoblast Differentiation and Bone Matrix FormationIn VivoandIn Vitro. Tissue Engineering - Part B: Reviews, 2017, 23, 268-280.	4.8	329
10	Liposome Disruption Assay to Examine Lytic Properties of Biomolecules. Bio-protocol, 2017, 7, .	0.4	29
11	Malaria parasite CelTOS targets the inner leaflet of cell membranes for pore-dependent disruption. ELife, 2016, 5, .	6.0	54
12	Chloride-hydrogen antiporters ClC-3 and ClC-5 drive osteoblast mineralization and regulate fine-structure bone patterning inÂvitro. Physiological Reports, 2015, 3, e12607.	1.7	19
13	A role for peptides in overcoming endosomal entrapment in siRNA delivery â€" A focus on melittin. Biotechnology Advances, 2015, 33, 931-940.	11.7	66
14	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
15	Improved Coarse-Grained Modeling of Cholesterol-Containing Lipid Bilayers. Journal of Chemical Theory and Computation, 2014, 10, 2137-2150.	5.3	48
16	Biocompatible Peptideâ€nanoparticle Constructs for Molecular Imaging and Therapy. FASEB Journal, 2009, 23, 682.3.	0.5	0
17	Cytolytic peptides on nanoparticle carriers induce dramatic melanoma tumor shrinkage in vivo by apoptosis. FASEB Journal, 2008, 22, 1136.15.	0.5	0
18	Luminal Chloride-dependent Activation of Endosome Calcium Channels. Journal of Biological Chemistry, 2007, 282, 27327-27333.	3.4	86

#	Article	IF	Citations
19	Structure and medium effects on hydraphile synthetic ion channel toxicity to the bacterium E. coli. New Journal of Chemistry, 2005, 29, 205.	2.8	22
20	Anchor chain length alters the apparent mechanism of chloride channel function in SCMTR derivatives. Chemical Communications, 2003, , 308-309.	4.1	32
21	Replacing proline at the apex of heptapeptide-based chloride ion transporters alters their properties and their ionophoretic efficacy. New Journal of Chemistry, 2003, 27, 60-67.	2.8	33
22	SCMTR:Â A Chloride-Selective, Membrane-Anchored Peptide Channel that Exhibits Voltage Gating. Journal of the American Chemical Society, 2002, 124, 1848-1849.	13.7	152
23	A hydrocarbon anchored peptide that forms a chloride-selective channel in liposomesElectronic supplementary information (ESI) available: analytical data for 1, 2 and 3. See http://www.rsc.org/suppdata/cc/b2/b200126h/. Chemical Communications, 2002, , 840-841.	4.1	34
24	BAX-dependent transport of cytochrome c reconstituted in pure liposomes. Nature Cell Biology, 2000, 2, 553-555.	10.3	422
25	Expression and Regulation of RAB3 Proteins in Osteoclasts and Their Precursors. Journal of Bone and Mineral Research, 1999, 14, 1855-1860.	2.8	41
26	Phagosome-Lysosome Fusion in P388D1 Macrophages Infected With Histoplasma capsulatum. Journal of Leukocyte Biology, 1988, 43, 483-491.	3.3	87
27	Rat plasma clearance of horseradish peroxidase and yeast invertase is mediated by specific recognition. FEBS Letters, 1978, 85, 345-348.	2.8	39
28	Recognition of lysosomal glycosidases in vivo inhibited by modified glycoproteins. Nature, 1976, 264, 86-88.	27.8	111