

# Paul H Schlesinger

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,037  
citations

411340

20  
h-index

620720

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival of the glycosylated. <i>ELife</i> , 2021, 10, .	2.8	1
2	Growth and mineralization of osteoblasts from mesenchymal stem cells on microporous membranes: Epithelial-like growth with transmembrane resistance and pH gradient. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 14-19.	1.0	3
3	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.	2.1	35
4	Phylogeny and chemistry of biological mineral transport. <i>Bone</i> , 2020, 141, 115621.	1.4	8
5	Triggered recruitment of ESCRT machinery promotes endolysosomal repair. <i>Science</i> , 2018, 360, .	6.0	314
6	Design, synthesis, and biological evaluation of stable $\hat{1}^2$ 6.3 -Helices: Discovery of non-hemolytic antibacterial peptides. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 193-210.	2.6	9
7	Support of bone mineral deposition by regulation of pH. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C587-C597.	2.1	24
8	Mechanism of High-Level Daptomycin Resistance in <i>Corynebacterium striatum</i> . <i>MSphere</i> , 2018, 3, .	1.3	28
9	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.	2.5	329
10	Liposome Disruption Assay to Examine Lytic Properties of Biomolecules. <i>Bio-protocol</i> , 2017, 7, .	0.2	29
11	Malaria parasite CelTOS targets the inner leaflet of cell membranes for pore-dependent disruption. <i>ELife</i> , 2016, 5, .	2.8	54
12	Chloride-hydrogen antiporters ClC-3 and ClC-5 drive osteoblast mineralization and regulate fine-structure bone patterning <i>In Vitro</i> . <i>Physiological Reports</i> , 2015, 3, e12607.	0.7	19
13	A role for peptides in overcoming endosomal entrapment in siRNA delivery – A focus on melittin. <i>Biotechnology Advances</i> , 2015, 33, 931-940.	6.0	66
14	A novel intrinsically fluorescent probe for study of uptake and trafficking of 25-hydroxycholesterol. <i>Journal of Lipid Research</i> , 2015, 56, 2408-2419.	2.0	11
15	Improved Coarse-Grained Modeling of Cholesterol-Containing Lipid Bilayers. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 2137-2150.	2.3	48
16	Biocompatible Peptide-nanoparticle Constructs for Molecular Imaging and Therapy. <i>FASEB Journal</i> , 2009, 23, 682.3.	0.2	0
17	Cytolytic peptides on nanoparticle carriers induce dramatic melanoma tumor shrinkage <i>in vivo</i> by apoptosis. <i>FASEB Journal</i> , 2008, 22, 1136.15.	0.2	0
18	Luminal Chloride-dependent Activation of Endosome Calcium Channels. <i>Journal of Biological Chemistry</i> , 2007, 282, 27327-27333.	1.6	86

#	ARTICLE	IF	CITATIONS
19	Structure and medium effects on hydrophile synthetic ion channel toxicity to the bacterium <i>E. coli</i> . <i>New Journal of Chemistry</i> , 2005, 29, 205.	1.4	22
20	Anchor chain length alters the apparent mechanism of chloride channel function in SCMTR derivatives. <i>Chemical Communications</i> , 2003, , 308-309.	2.2	32
21	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.	1.4	33
22	SCMTR: A Chloride-Selective, Membrane-Anchored Peptide Channel that Exhibits Voltage Gating. <i>Journal of the American Chemical Society</i> , 2002, 124, 1848-1849.	6.6	152
23	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 <a href="http://www.rsc.org/suppdata/cc/b2/b200126h/">http://www.rsc.org/suppdata/cc/b2/b200126h/</a> . <i>Chemical Communications</i> , 2002, , 840-841.	2.2	34
24	BAX-dependent transport of cytochrome c reconstituted in pure liposomes. <i>Nature Cell Biology</i> , 2000, 2, 553-555.	4.6	422
25	Expression and Regulation of RAB3 Proteins in Osteoclasts and Their Precursors. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1855-1860.	3.1	41
26	Phagosome-Lysosome Fusion in P388D1 Macrophages Infected With <i>Histoplasma capsulatum</i> . <i>Journal of Leukocyte Biology</i> , 1988, 43, 483-491.	1.5	87
27	Rat plasma clearance of horseradish peroxidase and yeast invertase is mediated by specific recognition. <i>FEBS Letters</i> , 1978, 85, 345-348.	1.3	39
28	Recognition of lysosomal glycosidases in vivo inhibited by modified glycoproteins. <i>Nature</i> , 1976, 264, 86-88.	13.7	111