

# Paul H Schlesinger

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

1,533  
citations

17  
h-index

29  
g-index

29  
ext. papers

1,791  
ext. citations

8.8  
avg, IF

4.44  
L-index

#	Paper	IF	Citations
27	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> , <b>2021</b> , 580, 14-19	3.4	
26	Phylogeny and chemistry of biological mineral transport. <i>Bone</i> , <b>2020</b> , 141, 115621	4.7	3
25	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> , <b>2020</b> , 318, C1115-C1124 <sup>10</sup>	5.4	10
24	Triggered recruitment of ESCRT machinery promotes endolysosomal repair. <i>Science</i> , <b>2018</b> , 360,	33.3	168
23	Design, synthesis, and biological evaluation of stable $\beta$ -Helices: Discovery of non-hemolytic antibacterial peptides. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 149, 193-210	6.8	6
22	Support of bone mineral deposition by regulation of pH. <i>American Journal of Physiology - Cell Physiology</i> , <b>2018</b> , 315, C587-C597	5.4	12
21	Mechanism of High-Level Daptomycin Resistance in. <i>MSphere</i> , <b>2018</b> , 3,	5	21
20	Osteoblast Differentiation and Bone Matrix Formation In Vivo and In Vitro. <i>Tissue Engineering - Part B: Reviews</i> , <b>2017</b> , 23, 268-280	7.9	197
19	Liposome Disruption Assay to Examine Lytic Properties of Biomolecules. <i>Bio-protocol</i> , <b>2017</b> , 7,	0.9	17
18	Malaria parasite CelTOS targets the inner leaflet of cell membranes for pore-dependent disruption. <i>ELife</i> , <b>2016</b> , 5,	8.9	32
17	A novel intrinsically fluorescent probe for study of uptake and trafficking of 25-hydroxycholesterol. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 2408-19	6.3	10
16	Chloride-hydrogen antiporters ClC-3 and ClC-5 drive osteoblast mineralization and regulate fine-structure bone patterning in vitro. <i>Physiological Reports</i> , <b>2015</b> , 3, e12607	2.6	12
15	A role for peptides in overcoming endosomal entrapment in siRNA delivery - A focus on melittin. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 931-40	17.8	49
14	Improved Coarse-Grained Modeling of Cholesterol-Containing Lipid Bilayers. <i>Journal of Chemical Theory and Computation</i> , <b>2014</b> , 10, 2137-2150	6.4	31
13	Biocompatible Peptide-nanoparticle Constructs for Molecular Imaging and Therapy. <i>FASEB Journal</i> , <b>2009</b> , 23, 682.3	0.9	
12	Cytolytic peptides on nanoparticle carriers induce dramatic melanoma tumor shrinkage in vivo by apoptosis. <i>FASEB Journal</i> , <b>2008</b> , 22, 1136.15	0.9	
11	Luminal chloride-dependent activation of endosome calcium channels: patch clamp study of enlarged endosomes. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 27327-27333	5.4	78

10	Structure and medium effects on hydrophile synthetic ion channel toxicity to the bacterium <i>E. coli</i> . <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 205	3.6	21
9	Anchor chain length alters the apparent mechanism of chloride channel function in SCMTR derivatives. <i>Chemical Communications</i> , <b>2003</b> , 308-9	5.8	28
8	Replacing proline at the apex of heptapeptide-based chloride ion transporters alters their properties and their ionophoretic efficacy. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 60-67	3.6	33
7	SCMTR: a chloride-selective, membrane-anchored peptide channel that exhibits voltage gating. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 1848-9	16.4	129
6	A hydrocarbon anchored peptide that forms a chloride-selective channel in liposomes. <i>Chemical Communications</i> , <b>2002</b> , 840-1	5.8	33
5	BAX-dependent transport of cytochrome c reconstituted in pure liposomes. <i>Nature Cell Biology</i> , <b>2000</b> , 2, 553-5	23.4	393
4	Expression and regulation of RAB3 proteins in osteoclasts and their precursors. <i>Journal of Bone and Mineral Research</i> , <b>1999</b> , 14, 1855-60	6.3	34
3	Phagosome-lysosome fusion in P388D1 macrophages infected with <i>Histoplasma capsulatum</i> . <i>Journal of Leukocyte Biology</i> , <b>1988</b> , 43, 483-91	6.5	74
2	Rat plasma clearance of horseradish peroxidase and yeast invertase is mediated by specific recognition. <i>FEBS Letters</i> , <b>1978</b> , 85, 345-8	3.8	36
1	Recognition of lysosomal glycosidases in vivo inhibited by modified glycoproteins. <i>Nature</i> , <b>1976</b> , 264, 86-8	50.4	106