

# Stephen I Lentz

## List of Publications by Year in descending order

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33  
papers

2,277  
citations

361413

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414414

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Corneal Confocal Microscopy Predicts the Development of Diabetic Neuropathy: A Longitudinal Diagnostic Multinational Consortium Study. <i>Diabetes Care</i> , 2021, 44, 2107-2114.	8.6	28
2	Alkaline intracellular pH (pHi) activates AMPKâ€“mTORC2 signaling to promote cell survival during growth factor limitation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101100.	3.4	16
3	Actions of Rab27Bâ€“GTPase on mammalian central excitatory synaptic transmission. <i>Physiological Reports</i> , 2020, 8, e14428.	1.7	7
4	mTORC1 and mTORC2 expression in inner retinal neurons and glial cells. <i>Experimental Eye Research</i> , 2020, 197, 108131.	2.6	13
5	Magnetization transfer ratio quantifies polyneuropathy in hereditary transthyretin amyloidosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 799-807.	3.7	20
6	The Divergent Roles of Dietary Saturated and Monounsaturated Fatty Acids on Nerve Function in Murine Models of Obesity. <i>Journal of Neuroscience</i> , 2019, 39, 3770-3781.	3.6	52
7	Safety of Long-Term Storage and Shipping of Prestripped, Prestained, and Preloaded Descemet Membrane Endothelial Keratoplasty Tissue. <i>Cornea</i> , 2019, 38, 1023-1028.	1.7	5
8	Chain length of saturated fatty acids regulates mitochondrial trafficking and function in sensory neurons. <i>Journal of Lipid Research</i> , 2019, 60, 58-70.	4.2	41
9	Dyslipidemia impairs mitochondrial trafficking and function in sensory neurons. <i>FASEB Journal</i> , 2018, 32, 195-207.	0.5	68
10	Corneal confocal microscopy for identification of diabetic sensorimotor polyneuropathy: a pooled multinational consortium study. <i>Diabetologia</i> , 2018, 61, 1856-1861.	6.3	103
11	Actions of Rab27B GTPase on Central Excitatory Synaptic Transmission. <i>Biophysical Journal</i> , 2017, 112, 472a-473a.	0.5	0
12	Quantitative Analysis of Endothelial Cell Loss in Preloaded Descemet Membrane Endothelial Keratoplasty Grafts. <i>Cornea</i> , 2017, 36, 1295-1301.	1.7	21
13	A precursorâ€“inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. <i>FASEB Journal</i> , 2016, 30, 1798-1810.	0.5	21
14	Genetic deletion of Rab27B in pancreatic acinar cells affects granules size and has inhibitory effects on amylase secretion. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 610-615.	2.1	7
15	Experimental evaluation and computational modeling of tissue damage from low-flow pushâ€“pull perfusion sampling in vivo. <i>Journal of Neuroscience Methods</i> , 2015, 242, 97-105.	2.5	17
16	Rab27A Is Present in Mouse Pancreatic Acinar Cells and Is Required for Digestive Enzyme Secretion. <i>PLoS ONE</i> , 2015, 10, e0125596.	2.5	16
17	Quantifying Size and Number of Adipocytes in Adipose Tissue. <i>Methods in Enzymology</i> , 2014, 537, 93-122.	1.0	293
18	Differential reduction in corneal nerve fiber length in patients with type 1 or type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 658-661.	2.3	47

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19	Hyperglycemia-induced changes in mitochondria within sensory nerves. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 799-812.	3.7	20
20	Adenylyl cyclase 6 mediates the action of cyclic AMP-dependent secretagogues in mouse pancreatic exocrine cells via protein kinase A pathway activation. <i>Journal of Physiology</i> , 2013, 591, 3693-3707.	2.9	20
21	Mitochondrial DNA (mtDNA) Biogenesis: Visualization and Dual Incorporation of BrdU and EdU Into Newly Synthesized mtDNA In Vitro. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 207-218.	2.5	51
22	Hydrogen peroxide-induced Akt phosphorylation regulates Bax activation. <i>Biochimie</i> , 2009, 91, 577-585.	2.6	68
23	Criteria for Creating and Assessing Mouse Models of Diabetic Neuropathy. <i>Current Drug Targets</i> , 2008, 9, 3-13.	2.1	66
24	Receptor-mediated Regulation of Tomosyn-Syntaxin 1A Interactions in Bovine Adrenal Chromaffin Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 22887-22899.	3.4	38
25	Mouse models of diabetic neuropathy. <i>Neurobiology of Disease</i> , 2007, 28, 276-285.	4.4	159
26	Phosphatidylinositol 3-kinase and Akt effectors mediate insulin-like growth factor neuroprotection in dorsal root ganglia neurons. <i>FASEB Journal</i> , 2004, 18, 1544-1546.	0.5	141
27	Fluorescence Resonance Energy Transfer Reports Properties of Syntaxin1A Interaction with Munc18-1 in Vivo. <i>Journal of Biological Chemistry</i> , 2004, 279, 55924-55936.	3.4	45
28	Neurotrophins Support the Development of Diverse Sensory Axon Morphologies. <i>Journal of Neuroscience</i> , 1999, 19, 1038-1048.	3.6	154
29	The Laminin $\beta$ Chains: Expression, Developmental Transitions, and Chromosomal Locations of $\beta$ 1-5, Identification of Heterotrimeric Laminins $\beta$ 11, and Cloning of a Novel $\beta$ 3 Isoform. <i>Journal of Cell Biology</i> , 1997, 137, 685-701.	5.2	628
30	Tetrahydrobiopterin biosynthesis in the rat brain: heterogeneity of GTP cyclohydrolase I mRNA expression in monoamine-containing neurons. <i>Neurochemistry International</i> , 1996, 28, 569-582.	3.8	41
31	Tetrahydrobiopterin Cofactor Biosynthesis: GTP Cyclohydrolase I mRNA Expression in Rat Brain and Superior Cervical Ganglia. <i>Journal of Neurochemistry</i> , 1993, 61, 1006-1014.	3.9	43
32	Substance P gene expression in sympathetic neurons is regulated by neuron/support cell interaction. <i>Developmental Brain Research</i> , 1993, 73, 35-40.	1.7	2
33	Release of cholecystokinin from rat midbrain slices and modulatory effect of D2 DA receptor stimulation. <i>Brain Research</i> , 1991, 555, 281-287.	2.2	26