Seung-Ryoung Jung

List of Publications by Year
in descending order

27	644	567281 15	610901 24
papers	citations	h-index	g-index

28	28	28	1051
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biophysical physiology of phosphoinositide rapid dynamics and regulation in living cells. Journal of General Physiology, 2022, 154, .	1.9	5
2	Sizing Extracellular Vesicles Using Membrane Dyes and a Single Molecule-Sensitive Flow Analyzer. Analytical Chemistry, 2021, 93, 5897-5905.	6.5	13
3	Î²-arrestinâ€“dependent PI(4,5)P ₂ synthesis boosts GPCR endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
4	Highâ€Throughput Counting and Superresolution Mapping of Tetraspanins on Exosomes Using a Singleâ€Molecule Sensitive Flow Technique and Transistorâ€like Semiconducting Polymer Dots. Angewandte Chemie, 2021, 133, 13582-13587.	2.0	5
5	Highâ€Throughput Counting and Superresolution Mapping of Tetraspanins on Exosomes Using a Singleâ€Molecule Sensitive Flow Technique and Transistorâ€like Semiconducting Polymer Dots. Angewandte Chemie - International Edition, 2021, 60, 13470-13475.	13.8	27
6	Fluidics system for resolving concentration-dependent effects of dissolved gases on tissue metabolism. ELife, 2021, 10, .	6.0	8
7	Allosteric modulation of alternatively spliced Ca²⁺-activated Cl^{â^'}channels TMEM16A by PI(4,5)P₂and CaMKII. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30787-30798.	7.1	17
8	Phosphatidylinositol 4,5-bisphosphate is regenerated by speeding of the PI 4-kinase pathway during long PLC activation. Journal of General Physiology, 2020, 152, .	1.9	20
9	Palmitate is not an effective fuel for pancreatic islets and amplifies insulin secretion independent of calcium release from endoplasmic reticulum. Islets, 2019, 11, 51-64.	1.8	10
10	Single-Molecule Flow Platform for the Quantification of Biomolecules Attached to Single Nanoparticles. Analytical Chemistry, 2018, 90, 6089-6095.	6.5	10
11	Minimizing ATP depletion by oxygen scavengers for single-molecule fluorescence imaging in live cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5706-E5715.	7.1	11
12	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. Journal of Clinical Investigation, 2018, 128, 1458-1470.	8.2	27
13	Quantitative microscopy based on single-molecule fluorescence. Current Opinion in Chemical Biology, 2017, 39, 64-73.	6.1	15
14	Muscarinic receptor regulates extracellular signal regulated kinase by two modes of arrestin binding. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5579-E5588.	7.1	40
15	Extracellular ATP protects pancreatic duct epithelial cells from alcohol-induced damage through P2Y1 receptor-cAMP signal pathway. Cell Biology and Toxicology, 2016, 32, 229-247.	5.3	15
16	Contributions of protein kinases and Î²-arrestin to termination of protease-activated receptor 2 signaling. Journal of General Physiology, 2016, 147, 255-271.	1.9	25
17	High membrane permeability for melatonin. Journal of General Physiology, 2016, 147, 63-76.	1.9	74
18	Charge Shielding of PIP2 by Cations Regulates Enzyme Activity of Phospholipase C. PLoS ONE, 2015, 10, e0144432.	2.5	18

#	Article	IF	Citations
19	Synaptotagmin-1 binds to PIP2-containing membrane but not to SNAREs at physiological ionic strength. Nature Structural and Molecular Biology, 2015, 22, 815-823.	8.2	107
20	Actin cytoskeleton controls movement of intracellular organelles in pancreatic duct epithelial cells. Cell Calcium, 2012, 51, 459-469.	2.4	13
21	Reduced Cytochrome c Is an Essential Regulator of Sustained Insulin Secretion by Pancreatic Islets. Journal of Biological Chemistry, 2011, 286, 17422-17434.	3.4	22
22	Cyclic AMP potentiates Ca2+-dependent exocytosis in pancreatic duct epithelial cells. Journal of General Physiology, 2010, 135, 527-543.	1.9	16
23	A highly energetic process couples calcium influx through L-type calcium channels to insulin secretion in pancreatic Î²-cells. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E717-E727.	3.5	39
24	Control of Granule Mobility and Exocytosis by Ca²⁺â€Dependent Formation of Fâ€Actin in Pancreatic Duct Epithelial Cells. Traffic, 2009, 10, 392-410.	2.7	12
25	Protease-activated Receptor-2 Increases Exocytosis via Multiple Signal Transduction Pathways in Pancreatic Duct Epithelial Cells. Journal of Biological Chemistry, 2008, 283, 18711-18720.	3.4	26
26	Islet Oxygen Consumption and Insulin Secretion Tightly Coupled to Calcium Derived from L-type Calcium Channels but Not from the Endoplasmic Reticulum. Journal of Biological Chemistry, 2008, 283, 24334-24342.	3.4	30
27	Pattern of Ca2+increase determines the type of secretory mechanism activated in dog pancreatic duct epithelial cells. Journal of Physiology, 2006, 576, 163-178.	2.9	28