Seok Jun Moon

List of Publications by Year in descending order

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42 papers	2,352 citations	304743 22 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	1994 citing authors

#	Article	IF	Citations
1	A Drosophila Gustatory Receptor Essential for Aversive Taste and Inhibiting Male-to-Male Courtship. Current Biology, 2009, 19, 1623-1627.	3.9	237
2	A Taste Receptor Required for the Caffeine Response In Vivo. Current Biology, 2006, 16, 1812-1817.	3.9	228
3	An Odorant-Binding Protein Required for Suppression of Sweet Taste by Bitter Chemicals. Neuron, 2013, 79, 725-737.	8.1	215
4	Gr64f Is Required in Combination with Other Gustatory Receptors for Sugar Detection in Drosophila. Current Biology, 2008, 18, 1797-1801.	3.9	213
5	Multiple gustatory receptors required for the caffeine response in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4495-4500.	7.1	207
6	A Drosophila gustatory receptor required for the responses to sucrose, glucose, and maltose identified by mRNA tagging. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14110-14115.	7.1	193
7	The full repertoire of Drosophila gustatory receptors for detecting an aversive compound. Nature Communications, 2015, 6, 8867.	12.8	101
8	Single-cell transcriptome maps of myeloid blood cell lineages in Drosophila. Nature Communications, 2020, 11, 4483.	12.8	100
9	Gustatory Receptors Required for Avoiding the Insecticide l-Canavanine. Journal of Neuroscience, 2012, 32, 1429-1435.	3.6	71
10	Pyrithione, a Zinc Ionophore, Inhibits NF-Î¤B Activation. Biochemical and Biophysical Research Communications, 1999, 259, 505-509.	2.1	66
11	Identification of a Peptidergic Pathway Critical to Satiety Responses in Drosophila. Current Biology, 2016, 26, 814-820.	3.9	61
12	Mechanosensory neurons control sweet sensing in Drosophila. Nature Communications, 2016, 7, 12872.	12.8	59
13	Heterogeneity in the Drosophila gustatory receptor complexes that detect aversive compounds. Nature Communications, 2017, 8, 1484.	12.8	58
14	dTULP, the Drosophila melanogaster Homolog of Tubby, Regulates Transient Receptor Potential Channel Localization in Cilia. PLoS Genetics, 2013, 9, e1003814.	3.5	50
15	A Drosophila Gustatory Receptor Required for Strychnine Sensation. Chemical Senses, 2015, 40, 525-533.	2.0	45
16	Critical Role of Phospholipase CÎ³1 in the Generation of H2O2-evoked [Ca2+] Oscillations in Cultured Rat Cortical Astrocytes. Journal of Biological Chemistry, 2006, 281, 13057-13067.	3.4	43
17	Drosophila Gr64e mediates fatty acid sensing via the phospholipase C pathway. PLoS Genetics, 2018, 14, e1007229.	3.5	41
18	The effect of epigallocatechin-3-gallate (EGCG) on human alveolar bone cells both in vitro and in vivo. Archives of Oral Biology, 2014, 59, 539-549.	1.8	39

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19	Ciliary Phosphoinositide Regulates Ciliary Protein Trafficking in Drosophila. Cell Reports, 2015, 13, 2808-2816.	6.4	35
20	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. Journal of Clinical Investigation, 2021, 131, .	8.2	35
21	Biphasic effects of dithiocarbamates on the activity of nuclear factor-ÎºB. European Journal of Pharmacology, 2000, 392, 133-136.	3.5	30
22	Chemical Controllable Gene Drive in Drosophila. ACS Synthetic Biology, 2020, 9, 2362-2377.	3.8	26
23	Comparative Gene Expression Analysis of the Human Periodontal Ligament in Deciduous and Permanent Teeth. PLoS ONE, 2013, 8, e61231.	2.5	24
24	Distinctive Genetic Activity Pattern of the Human Dental Pulp between Deciduous and Permanent Teeth. PLoS ONE, 2014, 9, e102893.	2.5	19
25	â€œChemical-pain sensorâ€•based on nanovesicleâ€“carbon nanotube hybrid structures. Biosensors and Bioelectronics, 2013, 49, 86-91.	10.1	18
26	Multisensory interactions regulate feeding behavior in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
27	Single-Cell RNA Sequencing Analysis of Human Dental Pulp Stem Cell and Human Periodontal Ligament Stem Cell. Journal of Endodontics, 2022, 48, 240-248.	3.1	16
28	Distinct roles of stereociliary links in the nonlinear sound processing and noise resistance of cochlear outer hair cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11109-11117.	7.1	15
29	Involvement of a Gr2a-Expressing Drosophila Pharyngeal Gustatory Receptor Neuron in Regulation of Aversion to High-Salt Foods. Molecules and Cells, 2017, 40, 331-338.	2.6	14
30	Grasp55â^'/â^' mice display impaired fat absorption and resistance to high-fat diet-induced obesity. Nature Communications, 2020, 11, 1418.	12.8	13
31	Loss of Sirtuin 6 in osteoblast lineage cells activates osteoclasts, resulting in osteopenia. Bone, 2020, 138, 115497.	2.9	10
32	Differential Roles of Tubby Family Proteins in Ciliary Formation and Trafficking. Molecules and Cells, 2021, 44, 591-601.	2.6	10
33	Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. Experimental and Molecular Medicine, 2020, 52, 793-803.	7.7	9
34	Whole-Brain Mapping of the Expression Pattern of T1R2, a Subunit Specific to the Sweet Taste Receptor. Frontiers in Neuroanatomy, 2021, 15, 751839.	1.7	6
35	Partial inhibition of SERCA is responsible for extracellular Ca²⁺dependence of AlF^{â€“}₄-induced [Ca²⁺]_ioscillations in rat pancreatic. American Journal of Physiology - Cell Physiology, 2003, 285, C1142-C1149.	4.6	5
36	Pharmacological characterization of rebamipide: its cholecystokinin CCK1 receptor binding profile and effects on Ca2+ mobilization and amylase release in rat pancreatic acinar cells. European Journal of Pharmacology, 2004, 505, 61-66.	3.5	5

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37	Recent Advances in Understanding Peripheral Taste Decoding I: 2010 to 2020. Endocrinology and Metabolism, 2021, 36, 469-477.	3.0	5
38	Time-Lapse Live-Cell Imaging Reveals Dual Function of Oseg4, WDR35, in Ciliary Protein Trafficking. Molecules and Cells, 2018, 41, 676-683.	2.6	4
39	A novel effect of rebamipide: generation of [Ca2+]i oscillations through activation of CCK1 receptors in rat pancreatic acinar cells. European Journal of Pharmacology, 2000, 388, 17-20.	3.5	3
40	Tubby domain superfamily protein is required for the formation of the 7S SNARE complex in Drosophila. Biochemical and Biophysical Research Communications, 2017, 482, 814-820.	2.1	3
41	Biological characteristics of osteoporosis drugs: the effect of osteoblastâ€“osteoclast coupling. International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute, 2019, 44, 1-7.	0.1	2
42	Staurosporine-inhibitable protein kinase activity associated with secretory granule membranes isolated from rat submandibular gland cells. Archives of Oral Biology, 2003, 48, 553-558.	1.8	1