

# 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

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g-index

42  
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42  
docs citations

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times ranked

1994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell RNA Sequencing Analysis of Human Dental Pulp Stem Cell and Human Periodontal Ligament Stem Cell. <i>Journal of Endodontics</i> , 2022, 48, 240-248.	3.1	16
2	Multisensory interactions regulate feeding behavior in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
3	Recent Advances in Understanding Peripheral Taste Decoding I: 2010 to 2020. <i>Endocrinology and Metabolism</i> , 2021, 36, 469-477.	3.0	5
4	Differential Roles of Tubby Family Proteins in Ciliary Formation and Trafficking. <i>Molecules and Cells</i> , 2021, 44, 591-601.	2.6	10
5	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	35
6	Whole-Brain Mapping of the Expression Pattern of T1R2, a Subunit Specific to the Sweet Taste Receptor. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 751839.	1.7	6
7	Chemical Controllable Gene Drive in <i>Drosophila</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 2362-2377.	3.8	26
8	Single-cell transcriptome maps of myeloid blood cell lineages in <i>Drosophila</i> . <i>Nature Communications</i> , 2020, 11, 4483.	12.8	100
9	Distinct roles of stereociliary links in the nonlinear sound processing and noise resistance of cochlear outer hair cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11109-11117.	7.1	15
10	Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. <i>Experimental and Molecular Medicine</i> , 2020, 52, 793-803.	7.7	9
11	Grasp55 <sup>Δ</sup> mice display impaired fat absorption and resistance to high-fat diet-induced obesity. <i>Nature Communications</i> , 2020, 11, 1418.	12.8	13
12	Loss of Sirtuin 6 in osteoblast lineage cells activates osteoclasts, resulting in osteopenia. <i>Bone</i> , 2020, 138, 115497.	2.9	10
13	Biological characteristics of osteoporosis drugs: the effect of osteoblast-osteoclast coupling. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2019, 44, 1-7.	0.1	2
14	<i>Drosophila</i> Gr64e mediates fatty acid sensing via the phospholipase C pathway. <i>PLoS Genetics</i> , 2018, 14, e1007229.	3.5	41
15	Time-Lapse Live-Cell Imaging Reveals Dual Function of Oseg4, WDR35, in Ciliary Protein Trafficking. <i>Molecules and Cells</i> , 2018, 41, 676-683.	2.6	4
16	Tubby domain superfamily protein is required for the formation of the 7S SNARE complex in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 814-820.	2.1	3
17	Heterogeneity in the <i>Drosophila</i> gustatory receptor complexes that detect aversive compounds. <i>Nature Communications</i> , 2017, 8, 1484.	12.8	58
18	Involvement of a Gr2a-Expressing <i>Drosophila</i> Pharyngeal Gustatory Receptor Neuron in Regulation of Aversion to High-Salt Foods. <i>Molecules and Cells</i> , 2017, 40, 331-338.	2.6	14

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19	Mechanosensory neurons control sweet sensing in <i>Drosophila</i> . <i>Nature Communications</i> , 2016, 7, 12872.	12.8	59
20	Identification of a Peptidergic Pathway Critical to Satiety Responses in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 814-820.	3.9	61
21	Ciliary Phosphoinositide Regulates Ciliary Protein Trafficking in <i>Drosophila</i> . <i>Cell Reports</i> , 2015, 13, 2808-2816.	6.4	35
22	A <i>Drosophila</i> Gustatory Receptor Required for Strychnine Sensation. <i>Chemical Senses</i> , 2015, 40, 525-533.	2.0	45
23	The full repertoire of <i>Drosophila</i> gustatory receptors for detecting an aversive compound. <i>Nature Communications</i> , 2015, 6, 8867.	12.8	101
24	The effect of epigallocatechin-3-gallate (EGCG) on human alveolar bone cells both in vitro and in vivo. <i>Archives of Oral Biology</i> , 2014, 59, 539-549.	1.8	39
25	Distinctive Genetic Activity Pattern of the Human Dental Pulp between Deciduous and Permanent Teeth. <i>PLoS ONE</i> , 2014, 9, e102893.	2.5	19
26	An Odorant-Binding Protein Required for Suppression of Sweet Taste by Bitter Chemicals. <i>Neuron</i> , 2013, 79, 725-737.	8.1	215
27	“Chemical-pain sensor” based on nanovesicle “carbon nanotube hybrid structures. <i>Biosensors and Bioelectronics</i> , 2013, 49, 86-91.	10.1	18
28	dTULP, the <i>Drosophila melanogaster</i> Homolog of Tubby, Regulates Transient Receptor Potential Channel Localization in Cilia. <i>PLoS Genetics</i> , 2013, 9, e1003814.	3.5	50
29	Comparative Gene Expression Analysis of the Human Periodontal Ligament in Deciduous and Permanent Teeth. <i>PLoS ONE</i> , 2013, 8, e61231.	2.5	24
30	Gustatory Receptors Required for Avoiding the Insecticide l-Canavanine. <i>Journal of Neuroscience</i> , 2012, 32, 1429-1435.	3.6	71
31	A <i>Drosophila</i> Gustatory Receptor Essential for Aversive Taste and Inhibiting Male-to-Male Courtship. <i>Current Biology</i> , 2009, 19, 1623-1627.	3.9	237
32	Multiple gustatory receptors required for the caffeine response in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4495-4500.	7.1	207
33	Gr64f Is Required in Combination with Other Gustatory Receptors for Sugar Detection in <i>Drosophila</i> . <i>Current Biology</i> , 2008, 18, 1797-1801.	3.9	213
34	A <i>Drosophila</i> gustatory receptor required for the responses to sucrose, glucose, and maltose identified by mRNA tagging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14110-14115.	7.1	193
35	A Taste Receptor Required for the Caffeine Response In Vivo. <i>Current Biology</i> , 2006, 16, 1812-1817.	3.9	228
36	Critical Role of Phospholipase C <sup>β</sup> 1 in the Generation of H <sub>2</sub> O <sub>2</sub> -evoked [Ca <sup>2+</sup> ] Oscillations in Cultured Rat Cortical Astrocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 13057-13067.	3.4	43

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37	Pharmacological characterization of rebamipide: its cholecystokinin CCK1 receptor binding profile and effects on Ca <sup>2+</sup> mobilization and amylase release in rat pancreatic acinar cells. <i>European Journal of Pharmacology</i> , 2004, 505, 61-66.	3.5	5
38	Staurosporine-inhibitable protein kinase activity associated with secretory granule membranes isolated from rat submandibular gland cells. <i>Archives of Oral Biology</i> , 2003, 48, 553-558.	1.8	1
39	Partial inhibition of SERCA is responsible for extracellular Ca <sup>2+</sup> dependence of AlF <sup>4-</sup> -induced [Ca <sup>2+</sup> ] <sub>i</sub> oscillations in rat pancreatic. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C1142-C1149.	4.6	5
40	A novel effect of rebamipide: generation of [Ca <sup>2+</sup> ] <sub>i</sub> oscillations through activation of CCK1 receptors in rat pancreatic acinar cells. <i>European Journal of Pharmacology</i> , 2000, 388, 17-20.	3.5	3
41	Biphasic effects of dithiocarbamates on the activity of nuclear factor- $\kappa$ B. <i>European Journal of Pharmacology</i> , 2000, 392, 133-136.	3.5	30
42	Pyrrithione, a Zinc Ionophore, Inhibits NF- $\kappa$ B Activation. <i>Biochemical and Biophysical Research Communications</i> , 1999, 259, 505-509.	2.1	66