Linda B Buck

List of Publications by Year
in descending order

26 papers	13,302 citations	361045 20 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	7239 citing authors

#	Article	IF	Citations
1	Odor blocking of stressÂhormone responses. Scientific Reports, 2022, 12, .	1.6	4
2	Connect-seq to superimpose molecular on anatomical neural circuit maps. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4375-4384.	3.3	30
3	A psychological stressor conveyed by appetite-linked neurons. Science Advances, 2020, 6, eaay5366.	4.7	15
4	Combinatorial effects of odorants on mouse behavior. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3300-6.	3.3	115
5	A specific area of olfactory cortex involved in stress hormone responses to predator odours. Nature, 2016, 532, 103-106.	13.7	133
6	Olfactory receptor genes expressed in distinct lineages are sequestered in different nuclear compartments. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2403-E2409.	3.3	25
7	Single-cell transcriptomics reveals receptor transformations during olfactory neurogenesis. Science, 2015, 350, 1251-1255.	6.0	201
8	Olfactory Receptor Patterning in a Higher Primate. Journal of Neuroscience, 2014, 34, 12241-12252.	1.7	68
9	A Large-Scale Analysis of Odor Coding in the Olfactory Epithelium. Journal of Neuroscience, 2011, 31, 9179-9191.	1.7	180
10	A second class of chemosensory receptors in the olfactory epithelium. Nature, 2006, 442, 645-650.	13.7	669
11	Unraveling the Sense of Smell (Nobel Lecture). Angewandte Chemie - International Edition, 2005, 44, 6128-6140.	7.2	194
12	Unraveling the Sense of Smell (Nobel Lecture). ChemInform, 2005, 36, no.	0.1	4
13	Unraveling smell. Harvey Lectures, 2005, 101, 117-34.	0.2	4
14	The mouse olfactory receptor gene family. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2156-2161.	3.3	322
15	The human olfactory receptor gene family. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2584-2589.	3.3	504
16	The search for odorant receptors. Cell, 2004, 116, S117-S120.	13.5	35
17	A candidate taste receptor gene near a sweet taste locus. Nature Neuroscience, 2001, 4, 492-498.	7.1	441
18	Odorants may arouse instinctive behaviours. Nature, 2001, 412, 142-142.	13.7	203

#	Article	IF	Citations
19	Genetic tracing reveals a stereotyped sensory map in the olfactory cortex. Nature, 2001, 414, 173-179.	13.7	220
20	A family of candidate taste receptors in human and mouse. Nature, 2000, 404, 601-604.	13.7	656
21	Combinatorial Receptor Codes for Odors. Cell, 1999, 96, 713-723.	13.5	2,031
22	A Multigene Family Encoding a Diverse Array of Putative Pheromone Receptors in Mammals. Cell, 1997, 90, 775-784.	13.5	658
23	Information coding in the olfactory system: Evidence for a stereotyped and highly organized epitope map in the olfactory bulb. Cell, 1994, 79, 1245-1255.	13.5	1,086
24	A zonal organization of odorant receptor gene expression in the olfactory epithelium. Cell, 1993, 73, 597-609.	13.5	1,008
25	Receptor Diversity and Spatial Patterning in the Mammalian Olfactory System. Novartis Foundation Symposium, 1993, 179, 51-67.	1.2	10
26	A novel multigene family may encode odorant receptors: A molecular basis for odor recognition. Cell, 1991, 65, 175-187.	13.5	4,469