Lindsey J Macpherson

List of Publications by Year
in descending order

18 papers	3,445 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	4039 citing authors

#	Article	IF	Citations
1	Noxious compounds activate TRPA1 ion channels through covalent modification of cysteines. Nature, 2007, 445, 541-545.	27.8	1,018
2	The Pungency of Garlic: Activation of TRPA1 and TRPV1 in Response to Allicin. Current Biology, 2005, 15, 929-934.	3.9	540
3	More than cool: Promiscuous relationships of menthol and other sensory compounds. Molecular and Cellular Neurosciences, 2006, 32, 335-343.	2.2	353
4	An Ion Channel Essential for Sensing Chemical Damage. Journal of Neuroscience, 2007, 27, 11412-11415.	3.6	254
5	The Coding of Temperature in the Drosophila Brain. Cell, 2011, 144, 614-624.	28.9	236
6	Caenorhabditis elegans TRPA-1 functions in mechanosensation. Nature Neuroscience, 2007, 10, 568-577.	14.8	202
7	Dynamic labelling of neural connections in multiple colours by trans-synaptic fluorescence complementation. Nature Communications, 2015, 6, 10024.	12.8	183
8	From chills to chilis: mechanisms for thermosensation and chemesthesis via thermoTRPs. Current Opinion in Neurobiology, 2007, 17, 490-497.	4.2	171
9	Temperature representation in the Drosophila brain. Nature, 2015, 519, 358-361.	27.8	141
10	A Hard-Wired Glutamatergic Circuit Pools and Relays UV Signals to Mediate Spectral Preference in Drosophila. Neuron, 2014, 81, 603-615.	8.1	106
11	Rewiring the taste system. Nature, 2017, 548, 330-333.	27.8	99
12	hnRNP U protein is required for normal pre-mRNA splicing and postnatal heart development and function. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3020-9.	7.1	90
13	Myocyte protection by 10 kD heat shock protein (Hsp10) involves the mobile loop and attenuation of the Ras GTPâ€ase pathway. FASEB Journal, 2004, 18, 1004-1006.	0.5	35
14	Channeling pain. Nature Medicine, 2006, 12, 506-507.	30.7	10
15	In vivo Calcium Imaging of Mouse Geniculate Ganglion Neuron Responses to Taste Stimuli. Journal of Visualized Experiments, 2021, , .	0.3	3
16	Flies feel your pain. Nature Chemical Biology, 2010, 6, 252-253.	8.0	2
17	Selective Peripheral Taste Dysfunction in APP/PS1 Mutant Transgenic Mice. Journal of Alzheimer's Disease, 2020, 76, 1-9.	2.6	1
18	Mechanisms for the Sour Taste. Handbook of Experimental Pharmacology, 2021, , 229-245.	1.8	1