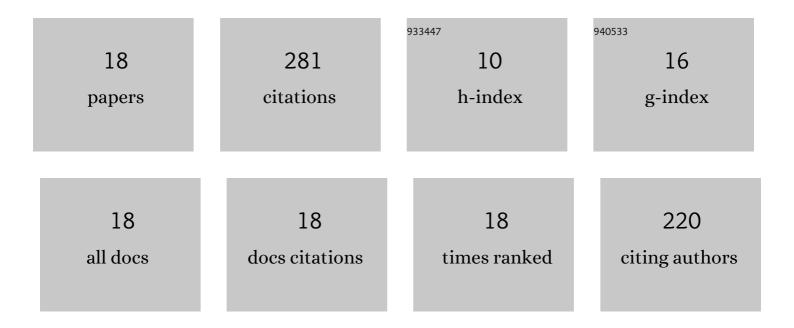
## **Tichy Harald**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7938731/publications.pdf Version: 2024-02-01



ΤΙCHY ΗΛΡΛΙΡ

#	Article	IF	CITATIONS
1	The Performance of Olfactory Receptor Neurons: The Rate of Concentration Change Indicates Functional Specializations in the Cockroach Peripheral Olfactory System. Frontiers in Physiology, 2020, 11, 599086.	2.8	2
2	Developing and testing of an air dilution flow olfactometer with known rates of concentration change. Journal of Neuroscience Methods, 2020, 341, 108794.	2.5	9
3	Encoding of Slowly Fluctuating Concentration Changes by Cockroach Olfactory Receptor Neurons Is Invariant to Air Flow Velocity. Frontiers in Physiology, 2019, 10, 943.	2.8	5
4	Independent processing of increments and decrements in odorant concentration by ON and OFF olfactory receptor neurons. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 873-891.	1.6	16
5	Revisiting Theories of Humidity Transduction: A Focus on Electrophysiological Data. Frontiers in Physiology, 2017, 8, 650.	2.8	8
6	Rising Background Odor Concentration Reduces Sensitivity of ON and OFF Olfactory Receptor Neurons for Changes in Concentration. Frontiers in Physiology, 2016, 7, 63.	2.8	12
7	The Rate of Concentration Change and How It Determines the Resolving Power of Olfactory Receptor Neurons. Frontiers in Physiology, 2016, 7, 645.	2.8	7
8	The effect of convection on infrared detection by antennal warm cells in the bloodsucking bug Rhodnius prolixus. Journal of Neurophysiology, 2015, 113, 2250-2261.	1.8	2
9	Infrared detection without specialized infrared receptors in the bloodsucking bug <i>Rhodnius prolixus</i> . Journal of Neurophysiology, 2014, 112, 1606-1615.	1.8	11
10	Sensitivity of Honeybee Hygroreceptors to Slow Humidity Changes and Temporal Humidity Variation Detected in High Resolution by Mobile Measurements. PLoS ONE, 2014, 9, e99032.	2.5	20
11	The Evaporative Function of Cockroach Hygroreceptors. PLoS ONE, 2013, 8, e53998.	2.5	20
12	Adaptation as a mechanism for gain control in cockroach ON and OFF olfactory receptor neurons. European Journal of Neuroscience, 2012, 35, 519-526.	2.6	12
13	Functional Asymmetries in Cockroach ON and OFF Olfactory Receptor Neurons. Journal of Neurophysiology, 2011, 105, 834-845.	1.8	28
14	Adaptation as a Mechanism for Gain Control in an Insect Thermoreceptor. Journal of Neurophysiology, 2008, 100, 2137-2144.	1.8	7
15	Humidity-Dependent Cold Cells on the Antenna of the Stick Insect. Journal of Neurophysiology, 2007, 97, 3851-3858.	1.8	19
16	Olfactory receptors on the cockroach antenna signal odour ON and odour OFF by excitation. European Journal of Neuroscience, 2005, 22, 3147-3160.	2.6	28
17	Olfactory receptor cells on the cockroach antennae: responses to the direction and rate of change in food odour concentration. European Journal of Neuroscience, 2004, 19, 3389-3392.	2.6	21
18	Female sex pheromone of a wandering spider ( Cupiennius salei ): identification and sensory reception. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2001, 187, 75-78.	1.6	54