Mats J Olsson

List of Publications by Year
in descending order

61 papers	2,290 citations	236925 25 h-index	223800 46 g-index
64 all docs	64 docs citations	64 times ranked	1790 citing authors

#	Article	IF	Citations
1	The Scent of Disease. Psychological Science, 2014, 25, 817-823.	3.3	227
2	Subthreshold amounts of social odorant affect mood, but not behavior, in heterosexual women when tested by a male, but not a female, experimenter. Biological Psychology, 2005, 70, 197-204.	2.2	125
3	Quantification of Odor Quality. Chemical Senses, 2000, 25, 429-443.	2.0	119
4	Behavioral and neural correlates to multisensory detection of sick humans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6400-6405.	7.1	116
5	The Smell of Age: Perception and Discrimination of Body Odors of Different Ages. PLoS ONE, 2012, 7, e38110.	2.5	99
6	Lipopolysaccharide Alters Motivated Behavior in a Monetary Reward Task: a Randomized Trial. Neuropsychopharmacology, 2017, 42, 801-810.	5.4	96
7	Individual Differences in Sensitivity to the Odor of 4,16-Androstadien-3-one. Chemical Senses, 2003, 28, 643-650.	2.0	88
8	Comparison of Models of Odor Interaction. Chemical Senses, 1995, 20, 625-637.	2.0	87
9	Psychological effects of subthreshold exposure to the putative human pheromone 4,16-androstadien-3-one. Hormones and Behavior, 2003, 44, 395-401.	2.1	77
10	Identification of acutely sick people and facial cues of sickness. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172430.	2.6	64
11	Odor-intensity interaction in binary and ternary mixtures. Perception & Psychophysics, 1993, 53, 475-482.	2.3	61
12	Effects of reproductive state on olfactory sensitivity suggest odor specificity. Biological Psychology, 2006, 71, 244-247.	2.2	60
13	The Human Brain Distinguishes between Single Odorants and Binary Mixtures. Cerebral Cortex, 2009, 19, 66-71.	2.9	60
14	An interaction model for odor quality and intensity. Perception & Psychophysics, 1994, 55, 363-372.	2.3	57
15	Functional Neuronal Processing of Human Body Odors. Vitamins and Hormones, 2010, 83, 1-23.	1.7	56
16	Olfactory Event-Related Potentials Reflect Individual Differences in Odor Valence Perception. Chemical Senses, 2006, 31, 705-711.	2.0	51
17	Olfactory Metacognition. Chemical Senses, 2003, 28, 651-658.	2.0	50
18	Skin colour changes during experimentally-induced sickness. Brain, Behavior, and Immunity, 2017, 60, 312-318.	4.1	49

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19	A Metamemory Perspective on Odor Naming and Identification. Chemical Senses, 2005, 30, 353-365.	2.0	45
20	Odor Emotionality Affects the Confidence in Odor Naming. Chemical Senses, 2005, 30, 29-35.	2.0	40
21	People expressing olfactory and visual cues of disease are less liked. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190272.	4.0	35
22	A putative social chemosignal elicits faster cortical responses than perceptually similar odorants. NeuroImage, 2006, 30, 1340-1346.	4.2	34
23	Olfactory working memory: effects of verbalization on the 2-back task. Memory and Cognition, 2011, 39, 1023-1032.	1.6	33
24	An Integrated Model of Intensity and Quality of Odor Mixtures. Annals of the New York Academy of Sciences, 1998, 855, 837-840.	3.8	28
25	Odor Interaction between Bourgeonal and Its Antagonist Undecanal. Chemical Senses, 2009, 34, 625-630.	2.0	28
26	Processing of Human Body Odors. , 2017, , 127-128.		27
27	Multisensory flavor perception: The relationship between congruency, pleasantness, and odor referral to the mouth. Appetite, 2018, 125, 244-252.	3.7	27
28	The Body Odor Disgust Scale (BODS): Development and Validation of a Novel Olfactory Disgust Assessment. Chemical Senses, 2017, 42, bjw107.	2.0	26
29	The scent of security: Odor of romantic partner alters subjective discomfort and autonomic stress responses in an adult attachment-dependent manner. Physiology and Behavior, 2019, 198, 144-150.	2.1	26
30	Sensory loss enhances multisensory integration performance. Cortex, 2019, 120, 116-130.	2.4	25
31	Body odour disgust sensitivity predicts authoritarian attitudes. Royal Society Open Science, 2018, 5, 171091.	2.4	24
32	Sickness behavior is not all about the immune response: Possible roles of expectations and prediction errors in the worry of being sick. Brain, Behavior, and Immunity, 2018, 74, 213-221.	4.1	23
33	Odor-intensity interaction in binary mixtures.. Journal of Experimental Psychology: Human Perception and Performance, 1993, 19, 302-314.	0.9	21
34	Bayesian-based integration of multisensory naturalistic perithreshold stimuli. Neuropsychologia, 2016, 88, 123-130.	1.6	20
35	A mammalian blood odor component serves as an approach-avoidance cue across phylum border - from flies to humans. Scientific Reports, 2017, 7, 13635.	3.3	20
36	Emotional expressions of the sick face. Brain, Behavior, and Immunity, 2019, 80, 286-291.	4.1	20

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37	Odor Memory Performance and Memory Awareness: A Comparison to Word Memory Across Orienting Tasks and Retention Intervals. Chemosensory Perception, 2009, 2, 161-171.	1.2	19
38	Sleep during naturally occurring respiratory infections: A pilot study. Brain, Behavior, and Immunity, 2019, 79, 236-243.	4.1	19
39	Implicit and explicit memory for odors: Hemispheric differences. Memory and Cognition, 2003, 31, 44-50.	1.6	18
40	Carbon chain length and the stimulus problem in olfaction. Behavioural Brain Research, 2010, 215, 110-113.	2.2	18
41	Detection of Inflammation via Volatile Cues in Human Urine. Chemical Senses, 2018, 43, 711-719.	2.0	18
42	Communication of health in experimentally sick men and women: A pilot study. Psychoneuroendocrinology, 2018, 87, 188-195.	2.7	15
43	Acquired olfactory loss alters functional connectivity and morphology. Scientific Reports, 2021, 11, 16422.	3.3	15
44	A putative female pheromone affects mood in men differently depending on social context. Revue Europeenne De Psychologie Appliquee, 2006, 56, 279-284.	0.8	13
45	Applied olfactory cognition. Frontiers in Psychology, 2014, 5, 873.	2.1	11
46	Yawning, a thermoregulatory mechanism during fever? A study of yawning frequency and its predictors during experimentally induced sickness. Physiology and Behavior, 2017, 182, 27-33.	2.1	11
47	Olfactory Communication of Sickness Cues in Respiratory Infection. Frontiers in Psychology, 2020, 11, 1004.	2.1	11
48	Nosewitness Identification: Effects of Negative Emotion. PLoS ONE, 2015, 10, e0116706.	2.5	11
49	Magnitude estimation of perceived odor intensity: Empirical and theoretical properties.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 244-255.	0.9	8
50	Repetition Priming in Odor Memory. , 2002, , 246-260.		7
51	Mind Over Age–Stereotype Activation and Olfactory Function. Chemical Senses, 2013, 38, 167-174.	2.0	7
52	Unilateral Resection of the Anterior Medial Temporal Lobe Impairs Odor Identification and Valence Perception. Frontiers in Psychology, 2015, 6, 2015.	2.1	7
53	Influence of Body Odors and Gender on Perceived Genital Arousal. Archives of Sexual Behavior, 2018, 47, 661-668.	1.9	7
54	Chloroanisoles and Chlorophenols Explain Mold Odor but Their Impact on the Swedish Population Is Attributed to Dampness and Mold. International Journal of Environmental Research and Public Health, 2020, 17, 930.	2.6	7

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55	Human sickness detection is not dependent on cultural experience. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210922.	2.6	7
56	Is it Easier to Match a Name to an Odor than Vice Versa?. Chemosensory Perception, 2008, 1, 184-189.	1.2	5
57	Regulation of emotions during experimental endotoxemia: A pilot study. Brain, Behavior, and Immunity, 2021, 93, 420-424.	4.1	5
58	Biological Basis of the Third-Cousin Crush. Science, 2008, 320, 1160-1161.	12.6	3
59	Acute Systemic Experimental Inflammation Does Not Reduce Human Odor Identification Performance. Chemical Senses, 2021, 46, .	2.0	2
60	Nosewitness Identification: Effects of Lineup Size and Retention Interval. Frontiers in Psychology, 2016, 7, 713.	2.1	1
61	Lockdown Measures Which Reduced Greenhouse Gas Emissions With Little Negative Impact on Quality of Life. Earth's Future, 2021, 9, e2020EF001909.	6.3	0