Ilona Croy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2567717/publications.pdf

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133	4,670	101543	128289
papers	citations	36 h-index	60 g-index

139	139	139	3474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Olfactory Disorders and Quality of Life–An Updated Review. Chemical Senses, 2014, 39, 185-194.	2.0	650
2	Sex Differences in Mate Preferences Across 45 Countries: A Large-Scale Replication. Psychological Science, 2020, 31, 408-423.	3.3	166
3	Olfaction as a marker for depression in humans. Journal of Affective Disorders, 2014, 160, 80-86.	4.1	161
4	Olfaction as a marker for depression. Journal of Neurology, 2017, 264, 631-638.	3.6	152
5	Individual significance of olfaction: development of a questionnaire. European Archives of Oto-Rhino-Laryngology, 2010, 267, 67-71.	1.6	119
6	Affective and non-affective touch evoke differential brain responses in 2-month-old infants. NeuroImage, 2018, 169, 162-171.	4.2	111
7	Learning about the Functions of the Olfactory System from People without a Sense of Smell. PLoS ONE, 2012, 7, e33365.	2.5	111
8	CT-optimized skin stroking delivered by hand or robot is comparable. Frontiers in Behavioral Neuroscience, 2013, 7, 208.	2.0	88
9	Touch between romantic partners: Being stroked is more pleasant than stroking and decelerates heart rate. Physiology and Behavior, 2017, 177, 169-175.	2.1	79
10	Comparison between Odor Thresholds for Phenyl Ethyl Alcohol and Butanol. Chemical Senses, 2009, 34, 523-527.	2.0	75
11	On the Influence of Freight Trains on Humans: A Laboratory Investigation of the Impact of Nocturnal Low Frequency Vibration and Noise on Sleep and Heart Rate. PLoS ONE, 2013, 8, e55829.	2.5	74
12	Sensory-specific impairment among older people. An investigation using both sensory thresholds and subjective measures across the five senses. PLoS ONE, 2018, 13, e0202969.	2.5	73
13	Men without a sense of smell exhibit a strongly reduced number of sexual relationships, women exhibit reduced partnership security â€“ A reanalysis of previously published data. Biological Psychology, 2013, 92, 292-294.	2.2	65
14	Major histocompatibility complex peptide ligands as olfactory cues in human body odour assessment. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122889.	2.6	63
15	Heart rate variability is enhanced by long-lasting pleasant touch at CT-optimized velocity. Biological Psychology, 2017, 128, 71-81.	2.2	63
16	Reduced Pleasant Touch Appraisal in the Presence of a Disgusting Odor. PLoS ONE, 2014, 9, e92975.	2.5	63
17	Evaluating the clinical usefulness of structured questions in parosmia assessment. Laryngoscope, 2010, 120, 1707-1713.	2.0	62
18	Basic emotions elicited by odors and pictures.. Emotion, 2011, 11, 1331-1335.	1.8	62

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19	Gentle touch perception across the lifespan.. Psychology and Aging, 2016, 31, 176-184.	1.6	62
20	Temporal dynamics of brain activation during 40 minutes of pleasant touch. NeuroImage, 2016, 139, 360-367.	4.2	62
21	Attitudes toward Olfaction: A Cross-regional Study. Chemical Senses, 2011, 36, 177-187.	2.0	57
22	Effects of train noise and vibration on human heart rate during sleep: an experimental study. BMJ Open, 2013, 3, e002655.	1.9	57
23	Affective touch awareness in mental health and disease relates to autistic traits â€“ An explorative neurophysiological investigation. Psychiatry Research, 2016, 245, 491-496.	3.3	56
24	Affective Interpersonal Touch in Close Relationships: A Cross-Cultural Perspective. Personality and Social Psychology Bulletin, 2021, 47, 1705-1721.	3.0	56
25	Peripheral adaptive filtering in human olfaction? Three studies on prevalence and effects of olfactory training in specific anosmia in more than 1600 participants. Cortex, 2015, 73, 180-187.	2.4	54
26	Unmyelinated Tactile Cutaneous Nerves Signal Erotic Sensations. Journal of Sexual Medicine, 2015, 12, 1338-1345.	0.6	52
27	Human olfactory lateralization requires trigeminal activation. NeuroImage, 2014, 98, 289-295.	4.2	51
28	Altered resting-state functional connectome in major depressive disorder: a mega-analysis from the PsyMRI consortium. Translational Psychiatry, 2021, 11, 511.	4.8	51
29	Agreeable Smellers and Sensitive Neurotics â€“ Correlations among Personality Traits and Sensory Thresholds. PLoS ONE, 2011, 6, e18701.	2.5	49
30	Olfactory bulb volume predicts therapeutic outcome in major depression disorder. Brain Imaging and Behavior, 2016, 10, 367-372.	2.1	49
31	Test-Retest Reliability and Validity of the Sniffin' TOM Odor Memory Test. Chemical Senses, 2015, 40, 173-179.	2.0	47
32	Gentle touch perception: From early childhood to adolescence. Developmental Cognitive Neuroscience, 2019, 35, 81-86.	4.0	47
33	Reduced Olfactory Bulb Volume in Adults with a History of Childhood Maltreatment. Chemical Senses, 2013, 38, 679-684.	2.0	44
34	Human olfactory dysfunction: causes and consequences. Cell and Tissue Research, 2021, 383, 569-579.	2.9	43
35	International consensus statement on allergy and rhinology: Olfaction. International Forum of Allergy and Rhinology, 2022, 12, 327-680.	2.8	43
36	Reduced olfactory bulb volume in depressionâ€"A structural moderator analysis. Human Brain Mapping, 2018, 39, 2573-2582.	3.6	42

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37	The sensory channel of presentation alters subjective ratings and autonomic responses toward disgusting stimuliâ€"Blood pressure, heart rate and skin conductance in response to visual, auditory, haptic and olfactory presented disgusting stimuli. Frontiers in Human Neuroscience, 2013, 7, 510.	2.0	40
38	Patient Adjustment to Reduced Olfactory Function. JAMA Otolaryngology, 2011, 137, 377.	1.2	38
39	Retronasal testing of olfactory function: an investigation and comparison in seven countries. European Archives of Oto-Rhino-Laryngology, 2014, 271, 1087-1095.	1.6	38
40	Contrasting Computational Models of Mate Preference Integration Across 45 Countries. Scientific Reports, 2019, 9, 16885.	3.3	38
41	Individual Variability of Pleasantness Ratings to Stroking Touch Over Different Velocities. Neuroscience, 2021, 464, 33-43.	2.3	38
42	Assortative mating and the evolution of desirability covariation. Evolution and Human Behavior, 2019, 40, 479-491.	2.2	36
43	The relation between human hair follicle density and touch perception. Scientific Reports, 2017, 7, 2499.	3.3	35
44	Improvement of intensive care unit sound environment and analyses of consequences on sleep: an experimental study. Sleep Medicine, 2013, 14, 1334-1340.	1.6	34
45	The impact of severity, course and duration of depression on olfactory function. Journal of Affective Disorders, 2018, 238, 194-203.	4.1	33
46	The role of body odors and olfactory ability in the initiation, maintenance and breakdown of romantic relationships â€“ A review. Physiology and Behavior, 2019, 207, 179-184.	2.1	33
47	Olfactory modulation of affective touch processing â€" A neurophysiological investigation. NeuroImage, 2016, 135, 135-141.	4.2	32
48	Universality of the Triangular Theory of Love: Adaptation and Psychometric Properties of the Triangular Love Scale in 25 Countries. Journal of Sex Research, 2021, 58, 106-115.	2.5	31
49	Olfactory Function Relates to Sexual Experience in Adults. Archives of Sexual Behavior, 2018, 47, 1333-1339.	1.9	30
50	Sexual desire after olfactory loss: Quantitative and qualitative reports of patients with smell disorders. Physiology and Behavior, 2019, 201, 64-69.	2.1	30
51	Physiological effects of railway vibration and noise on sleep. Journal of the Acoustical Society of America, 2017, 141, 3262-3269.	1.1	29
52	Does Human Body Odor Represent a Significant and Rewarding Social Signal to Individuals High in Social Openness?. PLoS ONE, 2014, 9, e94314.	2.5	29
53	Human sleep and cortical reactivity are influenced by lunar phase. Current Biology, 2014, 24, R551-R552.	3.9	27
54	Developmental Changes in Adolescents' Olfactory Performance and Significance of Olfaction. PLoS ONE, 2016, 11, e0157560.	2.5	27

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55	Influence of room fragrance on attention, anxiety and mood. Flavour and Fragrance Journal, 2017, 32, 24-28.	2.6	27
56	Touch aversion in patients with interpersonal traumatization. Depression and Anxiety, 2019, 36, 635-646.	4.1	27
57	PTSD, but not childhood maltreatment, modifies responses to unpleasant odors. International Journal of Psychophysiology, 2010, 75, 326-331.	1.0	26
58	The effect of verbal context on olfactory neural responses. Human Brain Mapping, 2014, 35, 810-818.	3.6	26
59	Quality of life following nasal surgery. Laryngoscope, 2010, 120, 826-831.	2.0	25
60	Mother-child bonding is associated with the maternal perception of the child's body odor. Physiology and Behavior, 2019, 198, 151-157.	2.1	25
61	Body odours as a chemosignal in the motherâ€“child relationship: new insights based on an human leucocyte antigen-genotyped family cohort. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190266.	4.0	25
62	Women with a History of Childhood Maltreatment Exhibit more Activation in Association Areas Following Non-Traumatic Olfactory Stimuli: A fMRI Study. PLoS ONE, 2010, 5, e9362.	2.5	23
63	The individual preferred velocity of stroking touch as a stable measurement. Physiology and Behavior, 2017, 177, 129-134.	2.1	22
64	Pleasantness Only?. Experimental Psychology, 2020, 67, 224-236.	0.7	22
65	Depression predicts interpersonal problems partially through the attitude towards social touch. Journal of Affective Disorders, 2019, 246, 234-240.	4.1	21
66	The â€œLonging for Interpersonal Touch Picture Questionnaireâ€• Development of a new measurement for touch perception. International Journal of Psychology, 2020, 55, 446-455.	2.8	21
67	Human Leukocyte Antigen similarity decreases partners' and strangers' body odor attractiveness for women not using hormonal contraception. Hormones and Behavior, 2018, 106, 144-149.	2.1	20
68	Olfactory Processing: Detection of Rapid Changes. Chemical Senses, 2015, 40, 351-355.	2.0	19
69	C-Tactile Mediated Erotic Touch Perception Relates to Sexual Desire and Performance in a Gender-Specific Way. Journal of Sexual Medicine, 2017, 14, 645-653.	0.6	19
70	Interoceptive accuracy and its impact on neuronal responses to olfactory stimulation in the insular cortex. Human Brain Mapping, 2020, 41, 2898-2908.	3.6	19
71	Sad manâ€™s nose: Emotion induction and olfactory perception.. Emotion, 2017, 17, 369-378.	1.8	19
72	Babies Smell Wonderful to Their Parents, Teenagers Do Not: an Exploratory Questionnaire Study on Childrenâ€™s Age and Personal Odor Ratings in a Polish Sample. Chemosensory Perception, 2017, 10, 81-87.	1.2	18

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73	Olfactory loss is associated with reduced hippocampal activation in response to emotional pictures. NeuroImage, 2019, 188, 84-91.	4.2	18
74	Sex differences in human mate preferences vary across sex ratios. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211115.	2.6	18
75	Localization of Odors Can Be Learned. Chemical Senses, 2013, 38, 553-562.	2.0	17
76	Long lasting phantosmia treated with venlafaxine. Neurocase, 2012, 18, 112-114.	0.6	16
77	Symptoms of Depression in Patients with Chemosensory Disorders. Orl, 2021, 83, 135-143.	1.1	16
78	Optimal Questions for Sleep in Epidemiological Studies: Comparisons of Subjective and Objective Measures in Laboratory and Field Studies. Behavioral Sleep Medicine, 2017, 15, 466-482.	2.1	15
79	Menopausal syndrome limited to hot flushes and sweating a representative survey study. Journal of Psychosomatic Obstetrics and Gynaecology, 2017, 38, 170-179.	2.1	15
80	Individual odor hedonic perception is coded in temporal joint network activity. NeuroImage, 2021, 229, 117782.	4.2	15
81	Affective touch: a communication channel for social exchange. Current Opinion in Behavioral Sciences, 2022, 43, 54-61.	3.9	14
82	Deactivation of default mode network during touch. Scientific Reports, 2019, 9, 1293.	3.3	13
83	The Influence of Emotional Closeness on Interindividual Touching. Journal of Nonverbal Behavior, 2020, 44, 351-362.	1.0	13
84	The role of C-tactile nerve fibers in human social development. Current Opinion in Behavioral Sciences, 2022, 43, 20-26.	3.9	13
85	Maternal stroking is a fine-tuned mechanism relating to C-tactile afferent activation: An exploratory study.. Psychology and Neuroscience, 2020, 13, 149-157.	0.8	13
86	High pain sensitivity is distinct from high susceptibility to non-painful sensory input at threshold level. International Journal of Psychophysiology, 2011, 80, 69-74.	1.0	12
87	Gender-Specific Relation Between Olfactory Sensitivity and Disgust Perception. Chemical Senses, 2017, 42, bjw163.	2.0	12
88	Individual Significance of Olfaction: A Comparison Between Normosmic and Dysosmic People. Psychosomatics, 2018, 59, 283-292.	2.5	12
89	Null Effect of Olfactory Training With Patients Suffering From Depressive Disordersâ€"An Exploratory Randomized Controlled Clinical Trial. Frontiers in Psychiatry, 2020, 11, 593.	2.6	12
90	The additive effect of late-life depression and olfactory dysfunction on the risk of dementia was mediated by hypersynchronization of the hippocampus/fusiform gyrus. Translational Psychiatry, 2021, 11, 172.	4.8	12

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91	Liking and wanting pleasant odors: different effects of repetitive exposure in men and women. Frontiers in Psychology, 2014, 5, 526.	2.1	11
92	Applied olfactory cognition. Frontiers in Psychology, 2014, 5, 873.	2.1	11
93	Sniffinâ€™ Away the Feeding Tube: The Influence of Olfactory Stimulation on Oral Food Intake in Newborns and Premature Infants. Chemical Senses, 2018, 43, 469-474.	2.0	11
94	Insights from the German Version of the Social Touch Questionnaire: How Attitude towards Social Touch relates to Symptoms of Social Anxiety. Neuroscience, 2021, 464, 133-142.	2.3	11
95	Vibration from freight trains fragments sleep: A polysomnographic study. Scientific Reports, 2016, 6, 24717.	3.3	10
96	Early maladaptive schemas in patients with somatoform disorders and somatization. Clinical Psychology and Psychotherapy, 2019, 26, 418-429.	2.7	10
97	Neural processing of odor-associated words: an fMRI study in patients with acquired olfactory loss. Brain Imaging and Behavior, 2020, 14, 1164-1174.	2.1	10
98	Dynamics of Affective Habituation to Touch Differ on the Group and Individual Level. Neuroscience, 2021, 464, 44-52.	2.3	10
99	Social touch â€" a tool rather than a signal. Current Opinion in Behavioral Sciences, 2022, 44, 101100.	3.9	10
100	Nocturnal Olfactory Stimulation for Improvement of Sleep Quality in Patients With Posttraumatic Stress Disorder: A Randomized Exploratory Intervention Trial. Journal of Traumatic Stress, 2019, 32, 130-140.	1.8	9
101	Olfactory change detection. Biological Psychology, 2019, 140, 75-80.	2.2	9
102	Right between the eyes: Corrugator muscle activity tracks the changing pleasantness of repeated slow stroking touch. Physiology and Behavior, 2020, 222, 112903.	2.1	9
103	Differential Patterns of Food Appreciation during Consumption of a Simple Food in Congenitally Anosmic Individuals: An Explorative Study. PLoS ONE, 2012, 7, e33921.	2.5	8
104	Childrenâ€™s Body Odors: Hints to the Development Status. Frontiers in Psychology, 2020, 11, 320.	2.1	8
105	Olfactory Perception in Relation to the Physicochemical Odor Space. Brain Sciences, 2021, 11, 563.	2.3	8
106	Body Odours Sampled at Different Body Sites in Infants and Mothersâ€"A Comparison of Olfactory Perception. Brain Sciences, 2021, 11, 820.	2.3	8
107	Pre-aging of the Olfactory Bulb in Major Depression With High Comorbidity of Mental Disorders. Frontiers in Aging Neuroscience, 2018, 10, 354.	3.4	7
108	Gray Matter Alterations Associated With Dissociation in Female Survivors of Childhood Trauma. Frontiers in Psychology, 2019, 10, 738.	2.1	7

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109	Understanding sex differences in affective touch: Sensory pleasantness, social comfort, and precursive experiences. Physiology and Behavior, 2022, 250, 113797.	2.1	7
110	What Makes Touch Comfortable? An Examination of Touch Giving and Receiving in Two Cultures. Personality and Social Psychology Bulletin, 2023, 49, 1392-1407.	3.0	7
111	The Design Matters: How to Detect Neural Correlates of Baby Body Odors. Frontiers in Neurology, 2018, 9, 1182.	2.4	6
112	Investigating the Putative Impact of Odors Purported to Have Beneficial Effects on Sleep: Neural and Perceptual Processes. Chemosensory Perception, 2020, 13, 93-105.	1.2	6
113	Still Eating Despite Decreased Olfactory Pleasureâ€"The Influence of Odor Liking and Wanting on Food Intake. Chemical Senses, 2016, 41, 497-504.	2.0	5
114	Marriage does not relate to major histocompatibility complex: a genetic analysis based on 3691 couples. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201800.	2.6	5
115	Multisensory environmental sensitivity in patients with chronic tinnitus. Journal of Psychosomatic Research, 2020, 135, 110155.	2.6	5
116	C-tactile touch perception in patients with chronic pain disorders. Pain Reports, 2021, 6, e941.	2.7	5
117	Interpersonal distancing preferences, touch behaviors to strangers, and country-level early dynamics of SARS-CoV-2 spread.. American Psychologist, 2022, 77, 124-134.	4.2	5
118	The source effect as a natural function of disgust in interpersonal context and its impairment in mental disorders. Scientific Reports, 2019, 9, 4239.	3.3	4
119	C-tactile touch perception in migraineurs â€“ a case-control study. Cephalalgia, 2020, 40, 478-492.	3.9	4
120	Same salience, different consequences: Disturbed inter-network connectivity during a social oddball paradigm in major depressive disorder. NeuroImage: Clinical, 2021, 31, 102731.	2.7	4
121	A Screening Approach for Classroom Acoustics Using Web-Based Listening Tests and Subjective Ratings. PLoS ONE, 2015, 10, e0116572.	2.5	4
122	Involvement of nasal trigeminal function in human stereo smelling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25979-25979.	7.1	2
123	Decreasing prevalence of specific anosmia to non-steroid odorants from childhood to adolescence. Physiology and Behavior, 2020, 218, 112833.	2.1	2
124	Olfactory disorders and consequences. , 2016, , 363-377.		1
125	The impact of touch on bonding and neurodevelopment. , 2021, , 561-568.		1
126	Prior exposure to Hedione, a model of pheromone, does not affect female ratings of male facial attractiveness or likeability. Physiology and Behavior, 2021, 238, 113458.	2.1	1

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127	The predictive role of hair cortisol concentrations for treatment outcome in PTSD inpatients. Psychoneuroendocrinology, 2021, 131, 105326.	2.7	1
128	Nocturnal vibration and noise from freight trains impacts sleep. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
129	Editorial for special issue â€œOlfaction in interpersonal relationshipsâ€• Physiology and Behavior, 2019, 210, 112628.	2.1	0
130	The Science of Social and Affective Touch. Neuroscience, 2021, 464, 1-2.	2.3	0
131	A New Method for a Shorter and Valid Assessment of Olfactory Threshold in Repeated Measurement Designs Based on the Sniffinâ€™ Sticks Test. Chemosensory Perception, 0, , 1.	1.2	0
132	Touch-Avoidance and Touch-Seeking in Non-intimate Relationships: The Null Effects of Sightedness. Journal of Visual Impairment and Blindness, 2021, 115, 459-468.	0.7	0
133	Pheromones and Social Chemo Signals. , 2019, , 1-7.		0