

# Ilona Croy

## List of Publications by Year in descending order

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Version: 2024-02-01

133  
papers

4,670  
citations

101543

36  
h-index

128289

60  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3474  
citing authors

#	ARTICLE	IF	CITATIONS
1	What Makes Touch Comfortable? An Examination of Touch Giving and Receiving in Two Cultures. <i>Personality and Social Psychology Bulletin</i> , 2023, 49, 1392-1407.	3.0	7
2	Affective touch: a communication channel for social exchange. <i>Current Opinion in Behavioral Sciences</i> , 2022, 43, 54-61.	3.9	14
3	The role of C-tactile nerve fibers in human social development. <i>Current Opinion in Behavioral Sciences</i> , 2022, 43, 20-26.	3.9	13
4	Interpersonal distancing preferences, touch behaviors to strangers, and country-level early dynamics of SARS-CoV-2 spread.. <i>American Psychologist</i> , 2022, 77, 124-134.	4.2	5
5	Social touch "a tool rather than a signal. <i>Current Opinion in Behavioral Sciences</i> , 2022, 44, 101100.	3.9	10
6	International consensus statement on allergy and rhinology: Olfaction. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 327-680.	2.8	43
7	Understanding sex differences in affective touch: Sensory pleasantness, social comfort, and precursive experiences. <i>Physiology and Behavior</i> , 2022, 250, 113797.	2.1	7
8	Individual Variability of Pleasantness Ratings to Stroking Touch Over Different Velocities. <i>Neuroscience</i> , 2021, 464, 33-43.	2.3	38
9	Universality of the Triangular Theory of Love: Adaptation and Psychometric Properties of the Triangular Love Scale in 25 Countries. <i>Journal of Sex Research</i> , 2021, 58, 106-115.	2.5	31
10	Insights from the German Version of the Social Touch Questionnaire: How Attitude towards Social Touch relates to Symptoms of Social Anxiety. <i>Neuroscience</i> , 2021, 464, 133-142.	2.3	11
11	Human olfactory dysfunction: causes and consequences. <i>Cell and Tissue Research</i> , 2021, 383, 569-579.	2.9	43
12	Same salience, different consequences: Disturbed inter-network connectivity during a social oddball paradigm in major depressive disorder. <i>NeuroImage: Clinical</i> , 2021, 31, 102731.	2.7	4
13	The impact of touch on bonding and neurodevelopment. , 2021, , 561-568.		1
14	Affective Interpersonal Touch in Close Relationships: A Cross-Cultural Perspective. <i>Personality and Social Psychology Bulletin</i> , 2021, 47, 1705-1721.	3.0	56
15	The additive effect of late-life depression and olfactory dysfunction on the risk of dementia was mediated by hypersynchronization of the hippocampus/fusiform gyrus. <i>Translational Psychiatry</i> , 2021, 11, 172.	4.8	12
16	Individual odor hedonic perception is coded in temporal joint network activity. <i>NeuroImage</i> , 2021, 229, 117782.	4.2	15
17	Olfactory Perception in Relation to the Physicochemical Odor Space. <i>Brain Sciences</i> , 2021, 11, 563.	2.3	8
18	Dynamics of Affective Habituation to Touch Differ on the Group and Individual Level. <i>Neuroscience</i> , 2021, 464, 44-52.	2.3	10

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19	C-tactile touch perception in patients with chronic pain disorders. <i>Pain Reports</i> , 2021, 6, e941.	2.7	5
20	Body Odours Sampled at Different Body Sites in Infants and Mothers—A Comparison of Olfactory Perception. <i>Brain Sciences</i> , 2021, 11, 820.	2.3	8
21	The Science of Social and Affective Touch. <i>Neuroscience</i> , 2021, 464, 1-2.	2.3	0
22	Sex differences in human mate preferences vary across sex ratios. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211115.	2.6	18
23	Prior exposure to Hedione, a model of pheromone, does not affect female ratings of male facial attractiveness or likeability. <i>Physiology and Behavior</i> , 2021, 238, 113458.	2.1	1
24	The predictive role of hair cortisol concentrations for treatment outcome in PTSD inpatients. <i>Psychoneuroendocrinology</i> , 2021, 131, 105326.	2.7	1
25	Symptoms of Depression in Patients with Chemosensory Disorders. <i>Orl</i> , 2021, 83, 135-143.	1.1	16
26	Altered resting-state functional connectome in major depressive disorder: a mega-analysis from the PsyMRI consortium. <i>Translational Psychiatry</i> , 2021, 11, 511.	4.8	51
27	Touch-Avoidance and Touch-Seeking in Non-intimate Relationships: The Null Effects of Sightedness. <i>Journal of Visual Impairment and Blindness</i> , 2021, 115, 459-468.	0.7	0
28	Neural processing of odor-associated words: an fMRI study in patients with acquired olfactory loss. <i>Brain Imaging and Behavior</i> , 2020, 14, 1164-1174.	2.1	10
29	The “Longing for Interpersonal Touch Picture Questionnaire” Development of a new measurement for touch perception. <i>International Journal of Psychology</i> , 2020, 55, 446-455.	2.8	21
30	Investigating the Putative Impact of Odors Purported to Have Beneficial Effects on Sleep: Neural and Perceptual Processes. <i>Chemosensory Perception</i> , 2020, 13, 93-105.	1.2	6
31	C-tactile touch perception in migraineurs – a case-control study. <i>Cephalalgia</i> , 2020, 40, 478-492.	3.9	4
32	Involvement of nasal trigeminal function in human stereo smelling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25979-25979.	7.1	2
33	Null Effect of Olfactory Training With Patients Suffering From Depressive Disorders—An Exploratory Randomized Controlled Clinical Trial. <i>Frontiers in Psychiatry</i> , 2020, 11, 593.	2.6	12
34	Marriage does not relate to major histocompatibility complex: a genetic analysis based on 3691 couples. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201800.	2.6	5
35	Body odours as a chemosignal in the mother–child relationship: new insights based on an human leucocyte antigen-genotyped family cohort. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190266.	4.0	25
36	Multisensory environmental sensitivity in patients with chronic tinnitus. <i>Journal of Psychosomatic Research</i> , 2020, 135, 110155.	2.6	5

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37	Sex Differences in Mate Preferences Across 45 Countries: A Large-Scale Replication. <i>Psychological Science</i> , 2020, 31, 408-423.	3.3	166
38	Children's Body Odors: Hints to the Development Status. <i>Frontiers in Psychology</i> , 2020, 11, 320.	2.1	8
39	Interoceptive accuracy and its impact on neuronal responses to olfactory stimulation in the insular cortex. <i>Human Brain Mapping</i> , 2020, 41, 2898-2908.	3.6	19
40	Decreasing prevalence of specific anosmia to non-steroid odorants from childhood to adolescence. <i>Physiology and Behavior</i> , 2020, 218, 112833.	2.1	2
41	Right between the eyes: Corrugator muscle activity tracks the changing pleasantness of repeated slow stroking touch. <i>Physiology and Behavior</i> , 2020, 222, 112903.	2.1	9
42	The Influence of Emotional Closeness on Interindividual Touching. <i>Journal of Nonverbal Behavior</i> , 2020, 44, 351-362.	1.0	13
43	Pleasantness Only?. <i>Experimental Psychology</i> , 2020, 67, 224-236.	0.7	22
44	Maternal stroking is a fine-tuned mechanism relating to C-tactile afferent activation: An exploratory study.. <i>Psychology and Neuroscience</i> , 2020, 13, 149-157.	0.8	13
45	Editorial for special issue "Olfaction in interpersonal relationships". <i>Physiology and Behavior</i> , 2019, 210, 112628.	2.1	0
46	Contrasting Computational Models of Mate Preference Integration Across 45 Countries. <i>Scientific Reports</i> , 2019, 9, 16885.	3.3	38
47	Nocturnal Olfactory Stimulation for Improvement of Sleep Quality in Patients With Posttraumatic Stress Disorder: A Randomized Exploratory Intervention Trial. <i>Journal of Traumatic Stress</i> , 2019, 32, 130-140.	1.8	9
48	Touch aversion in patients with interpersonal traumatization. <i>Depression and Anxiety</i> , 2019, 36, 635-646.	4.1	27
49	Assortative mating and the evolution of desirability covariation. <i>Evolution and Human Behavior</i> , 2019, 40, 479-491.	2.2	36
50	The role of body odors and olfactory ability in the initiation, maintenance and breakdown of romantic relationships "A review. <i>Physiology and Behavior</i> , 2019, 207, 179-184.	2.1	33
51	The source effect as a natural function of disgust in interpersonal context and its impairment in mental disorders. <i>Scientific Reports</i> , 2019, 9, 4239.	3.3	4
52	Early maladaptive schemas in patients with somatoform disorders and somatization. <i>Clinical Psychology and Psychotherapy</i> , 2019, 26, 418-429.	2.7	10
53	Gray Matter Alterations Associated With Dissociation in Female Survivors of Childhood Trauma. <i>Frontiers in Psychology</i> , 2019, 10, 738.	2.1	7
54	Deactivation of default mode network during touch. <i>Scientific Reports</i> , 2019, 9, 1293.	3.3	13

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55	Depression predicts interpersonal problems partially through the attitude towards social touch. <i>Journal of Affective Disorders</i> , 2019, 246, 234-240.	4.1	21
56	Sexual desire after olfactory loss: Quantitative and qualitative reports of patients with smell disorders. <i>Physiology and Behavior</i> , 2019, 201, 64-69.	2.1	30
57	Olfactory loss is associated with reduced hippocampal activation in response to emotional pictures. <i>NeuroImage</i> , 2019, 188, 84-91.	4.2	18
58	Olfactory change detection. <i>Biological Psychology</i> , 2019, 140, 75-80.	2.2	9
59	Mother-child bonding is associated with the maternal perception of the child's body odor. <i>Physiology and Behavior</i> , 2019, 198, 151-157.	2.1	25
60	Gentle touch perception: From early childhood to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2019, 35, 81-86.	4.0	47
61	Pheromones and Social Chemo Signals. , 2019, , 1-7.		0
62	Reduced olfactory bulb volume in depression – A structural moderator analysis. <i>Human Brain Mapping</i> , 2018, 39, 2573-2582.	3.6	42
63	Affective and non-affective touch evoke differential brain responses in 2-month-old infants. <i>NeuroImage</i> , 2018, 169, 162-171.	4.2	111
64	Olfactory Function Relates to Sexual Experience in Adults. <i>Archives of Sexual Behavior</i> , 2018, 47, 1333-1339.	1.9	30
65	Individual Significance of Olfaction: A Comparison Between Normosmic and Dysosmic People. <i>Psychosomatics</i> , 2018, 59, 283-292.	2.5	12
66	Pre-aging of the Olfactory Bulb in Major Depression With High Comorbidity of Mental Disorders. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 354.	3.4	7
67	Human Leukocyte Antigen similarity decreases partners' and strangers' body odor attractiveness for women not using hormonal contraception. <i>Hormones and Behavior</i> , 2018, 106, 144-149.	2.1	20
68	Sensory-specific impairment among older people. An investigation using both sensory thresholds and subjective measures across the five senses. <i>PLoS ONE</i> , 2018, 13, e0202969.	2.5	73
69	The impact of severity, course and duration of depression on olfactory function. <i>Journal of Affective Disorders</i> , 2018, 238, 194-203.	4.1	33
70	Sniffin – Away the Feeding Tube: The Influence of Olfactory Stimulation on Oral Food Intake in Newborns and Premature Infants. <i>Chemical Senses</i> , 2018, 43, 469-474.	2.0	11
71	The Design Matters: How to Detect Neural Correlates of Baby Body Odors. <i>Frontiers in Neurology</i> , 2018, 9, 1182.	2.4	6
72	Optimal Questions for Sleep in Epidemiological Studies: Comparisons of Subjective and Objective Measures in Laboratory and Field Studies. <i>Behavioral Sleep Medicine</i> , 2017, 15, 466-482.	2.1	15

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73	Olfaction as a marker for depression. <i>Journal of Neurology</i> , 2017, 264, 631-638.	3.6	152
74	Gender-Specific Relation Between Olfactory Sensitivity and Disgust Perception. <i>Chemical Senses</i> , 2017, 42, bjw163.	2.0	12
75	Touch between romantic partners: Being stroked is more pleasant than stroking and decelerates heart rate. <i>Physiology and Behavior</i> , 2017, 177, 169-175.	2.1	79
76	The individual preferred velocity of stroking touch as a stable measurement. <i>Physiology and Behavior</i> , 2017, 177, 129-134.	2.1	22
77	C-Tactile Mediated Erotic Touch Perception Relates to Sexual Desire and Performance in a Gender-Specific Way. <i>Journal of Sexual Medicine</i> , 2017, 14, 645-653.	0.6	19
78	Menopausal syndrome limited to hot flushes and sweating a representative survey study. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 2017, 38, 170-179.	2.1	15
79	Heart rate variability is enhanced by long-lasting pleasant touch at CT-optimized velocity. <i>Biological Psychology</i> , 2017, 128, 71-81.	2.2	63
80	The relation between human hair follicle density and touch perception. <i>Scientific Reports</i> , 2017, 7, 2499.	3.3	35
81	Influence of room fragrance on attention, anxiety and mood. <i>Flavour and Fragrance Journal</i> , 2017, 32, 24-28.	2.6	27
82	Babies Smell Wonderful to Their Parents, Teenagers Do Not: an Exploratory Questionnaire Study on Children's Age and Personal Odor Ratings in a Polish Sample. <i>Chemosensory Perception</i> , 2017, 10, 81-87.	1.2	18
83	Sad man's nose: Emotion induction and olfactory perception.. <i>Emotion</i> , 2017, 17, 369-378.	1.8	19
84	Physiological effects of railway vibration and noise on sleep. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3262-3269.	1.1	29
85	Olfactory disorders and consequences. , 2016, , 363-377.		1
86	Developmental Changes in Adolescents' Olfactory Performance and Significance of Olfaction. <i>PLoS ONE</i> , 2016, 11, e0157560.	2.5	27
87	Vibration from freight trains fragments sleep: A polysomnographic study. <i>Scientific Reports</i> , 2016, 6, 24717.	3.3	10
88	Still Eating Despite Decreased Olfactory Pleasureâ€”The Influence of Odor Liking and Wanting on Food Intake. <i>Chemical Senses</i> , 2016, 41, 497-504.	2.0	5
89	Gentle touch perception across the lifespan.. <i>Psychology and Aging</i> , 2016, 31, 176-184.	1.6	62
90	Affective touch awareness in mental health and disease relates to autistic traits â€” An explorative neurophysiological investigation. <i>Psychiatry Research</i> , 2016, 245, 491-496.	3.3	56

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91	Temporal dynamics of brain activation during 40 minutes of pleasant touch. <i>NeuroImage</i> , 2016, 139, 360-367.	4.2	62
92	Olfactory modulation of affective touch processing – A neurophysiological investigation. <i>NeuroImage</i> , 2016, 135, 135-141.	4.2	32
93	Olfactory bulb volume predicts therapeutic outcome in major depression disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 367-372.	2.1	49
94	Olfactory Processing: Detection of Rapid Changes. <i>Chemical Senses</i> , 2015, 40, 351-355.	2.0	19
95	Unmyelinated Tactile Cutaneous Nerves Signal Erotic Sensations. <i>Journal of Sexual Medicine</i> , 2015, 12, 1338-1345.	0.6	52
96	Test-Retest Reliability and Validity of the Sniffin' TOM Odor Memory Test. <i>Chemical Senses</i> , 2015, 40, 173-179.	2.0	47
97	Peripheral adaptive filtering in human olfaction? Three studies on prevalence and effects of olfactory training in specific anosmia in more than 1600 participants. <i>Cortex</i> , 2015, 73, 180-187.	2.4	54
98	A Screening Approach for Classroom Acoustics Using Web-Based Listening Tests and Subjective Ratings. <i>PLoS ONE</i> , 2015, 10, e0116572.	2.5	4
99	Liking and wanting pleasant odors: different effects of repetitive exposure in men and women. <i>Frontiers in Psychology</i> , 2014, 5, 526.	2.1	11
100	Applied olfactory cognition. <i>Frontiers in Psychology</i> , 2014, 5, 873.	2.1	11
101	The effect of verbal context on olfactory neural responses. <i>Human Brain Mapping</i> , 2014, 35, 810-818.	3.6	26
102	Olfactory Disorders and Quality of Life--An Updated Review. <i>Chemical Senses</i> , 2014, 39, 185-194.	2.0	650
103	Olfaction as a marker for depression in humans. <i>Journal of Affective Disorders</i> , 2014, 160, 80-86.	4.1	161
104	Human sleep and cortical reactivity are influenced by lunar phase. <i>Current Biology</i> , 2014, 24, R551-R552.	3.9	27
105	Retronasal testing of olfactory function: an investigation and comparison in seven countries. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 1087-1095.	1.6	38
106	Human olfactory lateralization requires trigeminal activation. <i>NeuroImage</i> , 2014, 98, 289-295.	4.2	51
107	Reduced Pleasant Touch Appraisal in the Presence of a Disgusting Odor. <i>PLoS ONE</i> , 2014, 9, e92975.	2.5	63
108	Does Human Body Odor Represent a Significant and Rewarding Social Signal to Individuals High in Social Openness?. <i>PLoS ONE</i> , 2014, 9, e94314.	2.5	29

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109	Improvement of intensive care unit sound environment and analyses of consequences on sleep: an experimental study. <i>Sleep Medicine</i> , 2013, 14, 1334-1340.	1.6	34
110	Major histocompatibility complex peptide ligands as olfactory cues in human body odour assessment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122889.	2.6	63
111	Men without a sense of smell exhibit a strongly reduced number of sexual relationships, women exhibit reduced partnership security – A reanalysis of previously published data. <i>Biological Psychology</i> , 2013, 92, 292-294.	2.2	65
112	Reduced Olfactory Bulb Volume in Adults with a History of Childhood Maltreatment. <i>Chemical Senses</i> , 2013, 38, 679-684.	2.0	44
113	Effects of train noise and vibration on human heart rate during sleep: an experimental study. <i>BMJ Open</i> , 2013, 3, e002655.	1.9	57
114	Localization of Odors Can Be Learned. <i>Chemical Senses</i> , 2013, 38, 553-562.	2.0	17
115	Nocturnal vibration and noise from freight trains impacts sleep. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	0
116	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. <i>PLoS ONE</i> , 2013, 8, e55829.	2.5	74
117	CT-optimized skin stroking delivered by hand or robot is comparable. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 208.	2.0	88
118	The sensory channel of presentation alters subjective ratings and autonomic responses toward disgusting stimuli – Blood pressure, heart rate and skin conductance in response to visual, auditory, haptic and olfactory presented disgusting stimuli. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 510.	2.0	40
119	Long lasting phantosmia treated with venlafaxine. <i>Neurocase</i> , 2012, 18, 112-114.	0.6	16
120	Differential Patterns of Food Appreciation during Consumption of a Simple Food in Congenitally Anosmic Individuals: An Explorative Study. <i>PLoS ONE</i> , 2012, 7, e33921.	2.5	8
121	Learning about the Functions of the Olfactory System from People without a Sense of Smell. <i>PLoS ONE</i> , 2012, 7, e33365.	2.5	111
122	Basic emotions elicited by odors and pictures.. <i>Emotion</i> , 2011, 11, 1331-1335.	1.8	62
123	High pain sensitivity is distinct from high susceptibility to non-painful sensory input at threshold level. <i>International Journal of Psychophysiology</i> , 2011, 80, 69-74.	1.0	12
124	Agreeable Smellers and Sensitive Neurotics – Correlations among Personality Traits and Sensory Thresholds. <i>PLoS ONE</i> , 2011, 6, e18701.	2.5	49
125	Patient Adjustment to Reduced Olfactory Function. <i>JAMA Otolaryngology</i> , 2011, 137, 377.	1.2	38
126	Attitudes toward Olfaction: A Cross-regional Study. <i>Chemical Senses</i> , 2011, 36, 177-187.	2.0	57



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127	Individual significance of olfaction: development of a questionnaire. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 67-71.	1.6	119
128	Quality of life following nasal surgery. <i>Laryngoscope</i> , 2010, 120, 826-831.	2.0	25
129	Evaluating the clinical usefulness of structured questions in parosmia assessment. <i>Laryngoscope</i> , 2010, 120, 1707-1713.	2.0	62
130	Women with a History of Childhood Maltreatment Exhibit more Activation in Association Areas Following Non-Traumatic Olfactory Stimuli: A fMRI Study. <i>PLoS ONE</i> , 2010, 5, e9362.	2.5	23
131	PTSD, but not childhood maltreatment, modifies responses to unpleasant odors. <i>International Journal of Psychophysiology</i> , 2010, 75, 326-331.	1.0	26
132	Comparison between Odor Thresholds for Phenyl Ethyl Alcohol and Butanol. <i>Chemical Senses</i> , 2009, 34, 523-527.	2.0	75
133	A New Method for a Shorter and Valid Assessment of Olfactory Threshold in Repeated Measurement Designs Based on the Sniffinâ€™ Sticks Test. <i>Chemosensory Perception</i> , 0, , 1.	1.2	0