

Jessica Freiherr

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,191
citations

159585

30
h-index

123424

61
g-index

95
all docs

95
docs citations

95
times ranked

5202
citing authors

#	ARTICLE	IF	CITATIONS
1	Intranasal Insulin as a Treatment for Alzheimer's Disease: A Review of Basic Research and Clinical Evidence. <i>CNS Drugs</i> , 2013, 27, 505-514.	5.9	402
2	More Than Smell—COVID-19 Is Associated With Severe Impairment of Smell, Taste, and Chemesthesis. <i>Chemical Senses</i> , 2020, 45, 609-622.	2.0	375
3	Reduced perception of bodily signals in anorexia nervosa. <i>Eating Behaviors</i> , 2008, 9, 381-388.	2.0	345
4	Central Processing of the Chemical Senses: An Overview. <i>ACS Chemical Neuroscience</i> , 2011, 2, 5-16.	3.5	193
5	Identification of human gustatory cortex by activation likelihood estimation. <i>Human Brain Mapping</i> , 2011, 32, 2256-2266.	3.6	176
6	Statistical localization of human olfactory cortex. <i>NeuroImage</i> , 2013, 66, 333-342.	4.2	160
7	Multisensory integration mechanisms during aging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 863.	2.0	134
8	Methods for building an inexpensive computer-controlled olfactometer for temporally-precise experiments. <i>International Journal of Psychophysiology</i> , 2010, 78, 179-189.	1.0	124
9	Recent Smell Loss Is the Best Predictor of COVID-19 Among Individuals With Recent Respiratory Symptoms. <i>Chemical Senses</i> , 2021, 46, .	2.0	119
10	Brain activations during pain. <i>Pain</i> , 2016, 157, 1279-1286.	4.2	116
11	Orbitofrontal Cortex and Olfactory Bulb Volume Predict Distinct Aspects of Olfactory Performance in Healthy Subjects. <i>Cerebral Cortex</i> , 2013, 23, 2448-2456.	2.9	110
12	The neuronal correlates of intranasal trigeminal function—an ALE meta-analysis of human functional brain imaging data. <i>Brain Research Reviews</i> , 2010, 62, 183-196.	9.0	109
13	Deep Learning-Based Detection of Intracranial Aneurysms in 3D TOF-MRA. <i>American Journal of Neuroradiology</i> , 2019, 40, 25-32.	2.4	107
14	Smelling Chemosensory Signals of Males in Anxious Versus Nonanxious Condition Increases State Anxiety of Female Subjects. <i>Chemical Senses</i> , 2011, 36, 19-27.	2.0	99
15	Emotional Stimulation Alters Olfactory Sensitivity and Odor Judgment. <i>Chemical Senses</i> , 2007, 32, 583-589.	2.0	85
16	Neuronal correlates of emotional processing in patients with major depression. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 202-208.	2.6	81
17	Reduced olfactory sensitivity in subjects with depressive symptoms. <i>Journal of Affective Disorders</i> , 2007, 102, 101-108.	4.1	80
18	The 40-item Monell Extended Sniffin Sticks Identification Test (MONEX-40). <i>Journal of Neuroscience Methods</i> , 2012, 205, 10-16.	2.5	75

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19	Trigeminal perception is necessary to localize odors. <i>Physiology and Behavior</i> , 2009, 97, 401-405.	2.1	62
20	Central Insulin Administration Improves Odor-Cued Reactivation of Spatial Memory in Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 212-219.	3.6	57
21	No fear no risk! Human risk behavior is affected by chemosensory anxiety signals. <i>Neuropsychologia</i> , 2010, 48, 3901-3908.	1.6	55
22	You Smell Dangerous: Communicating Fight Responses Through Human Chemosignals of Aggression. <i>Chemical Senses</i> , 2016, 41, 35-43.	2.0	53
23	Intranasal Insulin Reduces Olfactory Sensitivity in Normosmic Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1626-E1630.	3.6	48
24	Perception of specific trigeminal chemosensory agonists. <i>Neuroscience</i> , 2011, 189, 377-383.	2.3	47
25	Eye closure in darkness animates olfactory and gustatory cortical areas. <i>NeuroImage</i> , 2006, 32, 293-300.	4.2	45
26	Effects of Male Anxiety Chemosignals on the Evaluation of Happy Facial Expressions. <i>Journal of Psychophysiology</i> , 2011, 25, 116-123.	0.7	45
27	Performance of a Deep-Learning Neural Network to Detect Intracranial Aneurysms from 3D TOF-MRA Compared to Human Readers. <i>Clinical Neuroradiology</i> , 2020, 30, 591-598.	1.9	40
28	Test-Retest Reliability of the Olfactory Detection Threshold Test of the Sniffin' Sticks. <i>Chemical Senses</i> , 2008, 33, 461-467.	2.0	36
29	Model-free fMRI group analysis using FENICA. <i>NeuroImage</i> , 2011, 55, 185-193.	4.2	35
30	Altered likelihood of brain activation in attention and working memory networks in patients with multiple sclerosis: An ALE meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2699-2708.	6.1	35
31	Cerebral changes and cognitive dysfunctions in medication-free schizophrenia – An fMRI study. <i>Journal of Psychiatric Research</i> , 2008, 42, 469-476.	3.1	29
32	The influence of androstadienone during psychosocial stress is modulated by gender, trait anxiety and subjective stress: An fMRI study. <i>Psychoneuroendocrinology</i> , 2016, 68, 126-139.	2.7	29
33	Multisensory Enhancement of Odor Object Processing in Primary Olfactory Cortex. <i>Neuroscience</i> , 2019, 418, 254-265.	2.3	28
34	Activation of olfactory and trigeminal cortical areas following stimulation of the nasal mucosa with low concentrations of S(âˆš)â€œnicotine vaporâ€œ”An fMRI study on chemosensory perception. <i>Human Brain Mapping</i> , 2009, 30, 699-710.	3.6	27
35	Investigation of Breathing Parameters during Odor Perception and Olfactory Imagery. <i>Chemical Senses</i> , 2008, 34, 1-9.	2.0	26
36	Chemosensory danger detection in the human brain: Body odor communicating aggression modulates limbic system activation. <i>Neuropsychologia</i> , 2017, 99, 187-198.	1.6	26

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37	Activation of Primary and Secondary Somatosensory Regions Following Tactile Stimulation of the Face. <i>Klinische Neuroradiologie</i> , 2009, 19, 135-144.	0.9	25
38	The Influence of Menstrual Cycle and Androstadienone on Female Stress Reactions: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 44.	2.0	24
39	Cognitive Load Alters Neuronal Processing of Food Odors. <i>Chemical Senses</i> , 2017, 42, 723-736.	2.0	24
40	Size of nostril opening as a measure of intranasal volume. <i>Physiology and Behavior</i> , 2013, 110-111, 3-5.	2.1	23
41	Insulin Resistance Is Associated with Reduced Food Odor Sensitivity across a Wide Range of Body Weights. <i>Nutrients</i> , 2020, 12, 2201.	4.1	22
42	Audio-visual and olfactory-visual integration in healthy participants and subjects with autism spectrum disorder. <i>Human Brain Mapping</i> , 2019, 40, 4470-4486.	3.6	21
43	Multisensory integration processing during olfactory-visual stimulation: An fMRI graph theoretical network analysis. <i>Human Brain Mapping</i> , 2018, 39, 3713-3727.	3.6	20
44	The human body odor compound androstadienone leads to anger-dependent effects in an emotional Stroop but not dot-probe task using human faces. <i>PLoS ONE</i> , 2017, 12, e0175055.	2.5	17
45	A Phenotyping Platform to Characterize Healthy Individuals Across Four Stages of Life - The Enable Study. <i>Frontiers in Nutrition</i> , 2020, 7, 582387.	3.7	15
46	Chemosensory Communication of Gender Information: Masculinity Bias in Body Odor Perception and Femininity Bias Introduced by Chemosignals During Social Perception. <i>Frontiers in Psychology</i> , 2015, 6, 1980.	2.1	13
47	Olfactory functioning in adults with Tourette syndrome. <i>PLoS ONE</i> , 2018, 13, e0197598.	2.5	13
48	Neuroimaging of smell and taste. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 164, 263-282.	1.8	13
49	Olfactory Function is Affected in Patients with Cirrhosis Depending on the Severity of Hepatic Encephalopathy. <i>Annals of Hepatology</i> , 2018, 17, 822-829.	1.5	12
50	Comparison of two different odorants in an olfactory detection threshold test of the Sniffin TM Sticks. <i>Rhinology</i> , 2010, 48, 368-373.	1.3	12
51	Correlation analyses of detection thresholds of four different odorants. <i>Rhinology</i> , 2011, 49, 331-336.	1.3	12
52	New similarity search based glioma grading. <i>Neuroradiology</i> , 2012, 54, 829-837.	2.2	11
53	Development and Validation of a Food-Associated Olfactory Test (FAOT). <i>Chemical Senses</i> , 2017, 42, bjw099.	2.0	11
54	Odor Sensitivity After Intranasal Insulin Application Is Modulated by Gender. <i>Frontiers in Endocrinology</i> , 2018, 9, 580.	3.5	11

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55	Susceptibility-Weighted Angiography Visualizes Hypoxia in Cerebral Veins. <i>Investigative Radiology</i> , 2015, 50, 397-400.	6.2	10
56	Neural correlates of olfactory and visual memory performance in 3D-simulated mazes after intranasal insulin application. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 256-263.	1.9	10
57	The human body odor compound androstadienone increases neural conflict coupled to higher behavioral costs during an emotional Stroop task. <i>NeuroImage</i> , 2018, 171, 364-375.	4.2	10
58	Superadditive and Subadditive Neural Processing of Dynamic Auditory-Visual Objects in the Presence of Congruent Odors. <i>Chemical Senses</i> , 2018, 43, 35-44.	2.0	10
59	Semantic Congruence Alters Functional Connectivity during Olfactory-Visual Perception. <i>Chemical Senses</i> , 2018, 43, 599-610.	2.0	10
60	Trimodal processing of complex stimuli in inferior parietal cortex is modality-independent. <i>Cortex</i> , 2021, 139, 198-210.	2.4	10
61	Intramodal Olfactory Priming of Positive and Negative Odors in Humans Using Respiration-Triggered Olfactory Stimulation (RETROS). <i>Chemical Senses</i> , 2016, 41, b1w060.	2.0	9
62	Externalization Errors of Olfactory Source Monitoring in Healthy Controls—An fMRI Study. <i>Chemical Senses</i> , 2019, 44, 593-606.	2.0	9
63	Reduction of olfactory sensitivity during normobaric hypoxia. <i>Auris Nasus Larynx</i> , 2018, 45, 747-752.	1.2	9
64	Potential Impact of a 32-Channel Receiving Head Coil Technology on the Results of a Functional MRI Paradigm. <i>Klinische Neuroradiologie</i> , 2010, 20, 223-229.	0.9	8
65	Chemosensory Properties of Human Sweat. <i>Chemical Senses</i> , 2010, 35, 101-108.	2.0	8
66	Intranasal Insulin Boosts Gustatory Sensitivity. <i>Journal of Neuroendocrinology</i> , 2017, 29, .	2.6	8
67	Bayesian informed evidence against modulation of androstadienone-effects by genotypic receptor variants and participant sex: A study assessing Stroop interference control, mood and olfaction. <i>Hormones and Behavior</i> , 2018, 98, 45-54.	2.1	8
68	Seeing faces, when faces can't be seen: Wearing portrait photos has a positive effect on how patients perceive medical staff when face masks have to be worn. <i>PLoS ONE</i> , 2021, 16, e0251445.	2.5	7
69	Echo Time Dependence of BOLD fMRI Studies of the Piriform Cortex. <i>Klinische Neuroradiologie</i> , 2009, 19, 275-282.	0.9	6
70	Depicting the inner and outer nose: The representation of the nose and the nasal mucosa on the human primary somatosensory cortex (SI). <i>Human Brain Mapping</i> , 2014, 35, 4751-4766.	3.6	6
71	Endovascular stroke treatment now and then—procedural and clinical effectiveness and safety of different mechanical thrombectomy techniques over time. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 1-7.	2.0	6
72	Rapid Assessment of Olfactory Sensitivity Using the "Sniffin" Sticks. <i>Chemosensory Perception</i> , 2020, 13, 37-44.	1.2	6

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73	A Multisensory Deficit in the Perception of Pleasantness in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 2035-2045.	2.8	6
74	Frequency and appearance of hemosiderin depositions after aneurysmal subarachnoid hemorrhage treated by endovascular therapy. <i>Neuroradiology</i> , 2015, 57, 999-1006.	2.2	5
75	A Masked Aversive Odor Cannot Be Discriminated From the Masking Odor but Can Be Identified Through Odor Quality Ratings and Neural Activation Patterns. <i>Frontiers in Neuroscience</i> , 2019, 13, 1219.	2.8	5
76	Fast Olfactory Threshold Determination Using an Ascending Limits Procedure. <i>Chemosensory Perception</i> , 2018, 11, 35-41.	1.2	5
77	Bad Mood – Bad Activation?. <i>Klinische Neuroradiologie</i> , 2010, 20, 153-159.	0.9	4
78	Implicit Affective Rivalry: A Behavioral and fMRI Study Combining Olfactory and Auditory Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 313.	2.0	4
79	Eucalyptol Masks the Olfactory But Not the Trigeminal Sensation of Ammonia. <i>Chemical Senses</i> , 2019, 44, 733-741.	2.0	4
80	The scent of the other women: Body odor-induced behavioral and physiological effects on face categorization. <i>Physiology and Behavior</i> , 2019, 210, 112562.	2.1	4
81	Cortical Olfactory Processing. , 2017, , 97-98.		4
82	Olfaktorik. , 2013, , 505-521.		4
83	Out of the woods: psychophysiological investigations on wood odors to estimate their suitability as ambient scents. <i>Wood Science and Technology</i> , 2020, 54, 1385-1400.	3.2	3
84	Less is more: Removing a modality of an expected olfactory-visual stimulation enhances brain activation. <i>Human Brain Mapping</i> , 2022, 43, 2567-2581.	3.6	3
85	Playing Tetris Lets You Rate Odors as Less Intense. <i>Frontiers in Psychology</i> , 2021, 12, 657188.	2.1	2
86	Gender-Dependent Crossmodal Interactions Between Olfactory and Tactile Stimulation Revealed Using the Unimodal Tactile Stimulation Device (UniTaSD). <i>Chemical Senses</i> , 2021, 46, .	2.0	1
87	Some like it, some do not: behavioral responses and central processing of olfactory-trigeminal mixture perception. <i>Brain Structure and Function</i> , 2021, 226, 247-261.	2.3	1
88	Bloody olfaction? Confounding associations of sex and age on the influence of blood parameters and body weight on odor identification performance in healthy adults. <i>Physiology and Behavior</i> , 2022, 254, 113907.	2.1	1