

HÃ¥kan Fischer

List of Publications by Year in descending order

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126
papers

7,447
citations

66343

42
h-index

56724

83
g-index

140
all docs

140
docs citations

140
times ranked

7753
citing authors

#	ARTICLE	IF	CITATIONS
1	A functional MRI study of human amygdala responses to facial expressions of fear versus anger.. Emotion, 2001, 1, 70-83.	1.8	586
2	Gender and age differences in the prevalence of specific fears and phobias. Behaviour Research and Therapy, 1996, 34, 33-39.	3.1	541
3	Differential prefrontal cortex and amygdala habituation to repeatedly presented emotional stimuli. NeuroReport, 2001, 12, 379-383.	1.2	497
4	Common Changes in Cerebral Blood Flow in Patients With Social Phobia Treated With Citalopram or Cognitive-Behavioral Therapy. Archives of General Psychiatry, 2002, 59, 425.	12.3	448
5	Differential response in the human amygdala to racial outgroup vs ingroup face stimuli. NeuroReport, 2000, 11, 2351-2354.	1.2	389
6	Cerebral Blood Flow in Subjects With Social Phobia During Stressful Speaking Tasks: A PET Study. American Journal of Psychiatry, 2001, 158, 1220-1226.	7.2	295
7	Brain habituation during repeated exposure to fearful and neutral faces: A functional MRI study. Brain Research Bulletin, 2003, 59, 387-392.	3.0	258
8	Neurofunctional correlates of posttraumatic stress disorder: a PET symptom provocation study. European Archives of Psychiatry and Clinical Neuroscience, 2002, 252, 68-75.	3.2	205
9	Neural correlates of training-related working-memory gains in old age. NeuroImage, 2011, 58, 1110-1120.	4.2	182
10	Novelty responses and differential effects of order in the amygdala, substantia innominata, and inferior temporal cortex. NeuroImage, 2003, 18, 660-669.	4.2	151
11	The amygdala and individual differences in human fear conditioning. NeuroReport, 1997, 8, 3957-3960.	1.2	145
12	Functional neuroanatomical correlates of electrodermal activity: A positron emission tomographic study. Psychophysiology, 1998, 35, 179-185.	2.4	133
13	Physiological correlates of the flow experience during computer game playing. International Journal of Psychophysiology, 2015, 97, 1-7.	1.0	126
14	Affective and attentive neural networks in humans. NeuroReport, 1995, 7, 97-101.	1.2	112
15	Activation in striatum and medial temporal lobe during sequence learning in younger and older adults: Relations to performance. NeuroImage, 2010, 50, 1303-1312.	4.2	111
16	Age-differential patterns of brain activation during perception of angry faces. Neuroscience Letters, 2005, 386, 99-104.	2.1	109
17	Brain function in a patient with torture related post-traumatic stress disorder before and after fluoxetine treatment: a positron emission tomography provocation study. Neuroscience Letters, 2001, 297, 101-104.	2.1	103
18	Dopamine D1 receptors and age differences in brain activation during working memory. Neurobiology of Aging, 2011, 32, 1849-1856.	3.1	103

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19	Reduced activity in the extrastriate visual cortex of individuals with strabismic amblyopia. <i>Neuroscience Letters</i> , 1997, 225, 173-176.	2.1	90
20	Extraversion, neuroticism and brain function: A pet study of personality. <i>Personality and Individual Differences</i> , 1997, 23, 345-352.	2.9	89
21	Age affects sleep microstructure more than sleep macrostructure. <i>Journal of Sleep Research</i> , 2017, 26, 277-287.	3.2	80
22	Enhanced amygdala responses to emotional versus neutral schematic facial expressions. <i>NeuroReport</i> , 2002, 13, 785-790.	1.2	76
23	Brain representation of habituation to repeated complex visual stimulation studied with PET. <i>NeuroReport</i> , 2000, 11, 123-126.	1.2	75
24	Age-related differences in brain regions supporting successful encoding of emotional faces. <i>Cortex</i> , 2010, 46, 490-497.	2.4	74
25	Functional anatomy of hypnotic analgesia: A PET study of patients with fibromyalgia. <i>European Journal of Pain</i> , 1999, 3, 7-12.	2.8	73
26	Neural Mechanisms of Reading Facial Emotions in Young and Older Adults. <i>Frontiers in Psychology</i> , 2012, 3, 223.	2.1	73
27	Altered fusiform connectivity during processing of fearful faces in social anxiety disorder. <i>Translational Psychiatry</i> , 2013, 3, e312-e312.	4.8	72
28	Functional neuroanatomy of robbery re-experience. <i>NeuroReport</i> , 1996, 7, 2081-2086.	1.2	70
29	Brain correlates of an unexpected panic attack: a human positron emission tomographic study. <i>Neuroscience Letters</i> , 1998, 251, 137-140.	2.1	70
30	Caudate Dopamine D1 Receptor Density Is Associated with Individual Differences in Frontoparietal Connectivity during Working Memory. <i>Journal of Neuroscience</i> , 2011, 31, 14284-14290.	3.6	70
31	Oxytocin's effect on resting-state functional connectivity varies by age and sex. <i>Psychoneuroendocrinology</i> , 2016, 69, 50-59.	2.7	68
32	Classifying social anxiety disorder using multivoxel pattern analyses of brain function and structure. <i>Behavioural Brain Research</i> , 2014, 259, 330-335.	2.2	65
33	Cortical thickness alterations in social anxiety disorder. <i>Neuroscience Letters</i> , 2013, 536, 52-55.	2.1	64
34	Simulating Neurocognitive Aging: Effects of a Dopaminergic Antagonist on Brain Activity During Working Memory. <i>Biological Psychiatry</i> , 2010, 67, 575-580.	1.3	61
35	Processing own-age vs. other-age faces: Neuro-behavioral correlates and effects of emotion. <i>NeuroImage</i> , 2013, 78, 363-371.	4.2	61
36	Increased Response-time Variability is Associated with Reduced Inferior Parietal Activation during Episodic Recognition in Aging. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 779-786.	2.3	55

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37	Dopamine D1 Receptor Associations within and between Dopaminergic Pathways in Younger and Elderly Adults: Links to Cognitive Performance. <i>Cerebral Cortex</i> , 2011, 21, 2023-2032.	2.9	55
38	Oxytocin and socioemotional aging: Current knowledge and future trends. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 487.	2.0	54
39	Does sleep deprivation increase the vulnerability to acute psychosocial stress in young and older adults?. <i>Psychoneuroendocrinology</i> , 2018, 96, 155-165.	2.7	52
40	Biased recognition of positive faces in aging and amnesic mild cognitive impairment.. <i>Psychology and Aging</i> , 2010, 25, 1-15.	1.6	50
41	Retrosplenial cortical activation in the fibromyalgia syndrome. <i>NeuroReport</i> , 2003, 14, 619-621.	1.2	49
42	Sex-differential brain activation during exposure to female and male faces. <i>NeuroReport</i> , 2004, 15, 235-238.	1.2	49
43	Mood impairment is stronger in young than in older adults after sleep deprivation. <i>Journal of Sleep Research</i> , 2019, 28, e12801.	3.2	47
44	Age effects to negative arousal differ for self-report and electrodermal activity. <i>Psychophysiology</i> , 2007, 45, 070915195953003-???	2.4	44
45	Intrinsic brain connectivity after partial sleep deprivation in young and older adults: results from the Stockholm Sleepy Brain study. <i>Scientific Reports</i> , 2017, 7, 9422.	3.3	42
46	RETROSPENIAL CORTICAL DEACTIVATION DURING PAINFUL STIMULATION OF FIBROMYALGIC PATIENTS. <i>International Journal of Neuroscience</i> , 2006, 116, 1-8.	1.6	41
47	Emotion and aging: evidence from brain and behavior. <i>Frontiers in Psychology</i> , 2014, 5, 996.	2.1	39
48	Evidence of Altered Cerebral Blood-Flow Relationships in Acute Phobia. <i>International Journal of Neuroscience</i> , 1997, 91, 253-263.	1.6	37
49	Right-sided human prefrontal brain activation during acquisition of conditioned fear.. <i>Emotion</i> , 2002, 2, 233-241.	1.8	35
50	Serotonin synthesis rate and the tryptophan hydroxylase-2: G-703T polymorphism in social anxiety disorder. <i>Journal of Psychopharmacology</i> , 2016, 30, 1028-1035.	4.0	33
51	Cortical thickness and restingâ€state cardiac function across the lifespan: A crossâ€sectional pooled megaâ€analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	2.4	33
52	Modulation of striatal dopamine D1 binding by cognitive processing. <i>NeuroImage</i> , 2009, 48, 398-404.	4.2	32
53	A multivariate analysis of age-related differences in functional networks supporting conflict resolution. <i>NeuroImage</i> , 2014, 86, 150-163.	4.2	32
54	The effect of sleep restriction on empathy for pain: An fMRI study in younger and older adults. <i>Scientific Reports</i> , 2017, 7, 12236.	3.3	32

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55	Forensic mental health professionals' perceptions of psychopathy: A prototypicality analysis of the Comprehensive Assessment of Psychopathic Personality in Sweden.. Law and Human Behavior, 2014, 38, 405-417.	0.7	30
56	Effect of sleep deprivation on emotional working memory. Journal of Sleep Research, 2019, 28, e12744.	3.2	30
57	Oxytocin modulates meta-mood as a function of age and sex. Frontiers in Aging Neuroscience, 2015, 7, 175.	3.4	29
58	Multimodal Emotion Recognition Is Resilient to Insufficient Sleep: Results From Cross-Sectional and Experimental Studies. Sleep, 2017, 40, .	1.1	29
59	Cerebral Correlates of Anticipated Fear: A Pet Study of Specific Phobia. International Journal of Neuroscience, 1996, 87, 267-276.	1.6	28
60	Face gender modulates women's brain activity during face encoding. Social Cognitive and Affective Neuroscience, 2014, 9, 1000-1005.	3.0	28
61	Brain activation while forming memories of fearful and neutral faces in women and men.. Emotion, 2007, 7, 767-773.	1.8	27
62	Thinner cortex in the frontal lobes in mentally disordered offenders. Psychiatry Research - Neuroimaging, 2012, 203, 126-131.	1.8	26
63	Superior Recognition Performance for Happy Masked and Unmasked Faces in Both Younger and Older Adults. Frontiers in Psychology, 2012, 3, 520.	2.1	26
64	Influences of a DRD2 polymorphism on updating of long-term memory representations and caudate BOLD activity: Magnification in aging. Human Brain Mapping, 2015, 36, 1325-1334.	3.6	25
65	Dopamine D1 Binding Potential Predicts Fusiform BOLD Activity during Face-Recognition Performance. Journal of Neuroscience, 2015, 35, 14702-14707.	3.6	25
66	Dispositional pessimism and amygdala activity: a PET study in healthy volunteers. NeuroReport, 2001, 12, 1635-1638.	1.2	22
67	Age, gender, and arousal in recognition of negative and neutral pictures 1 year later.. Psychology and Aging, 2012, 27, 1039-1052.	1.6	22
68	Background Odors Modulate N170 ERP Component and Perception of Emotional Facial Stimuli. Frontiers in Psychology, 2018, 9, 1000.	2.1	22
69	Oxytocin alters patterns of brain activity and amygdalar connectivity by age during dynamic facial emotion identification. Neurobiology of Aging, 2019, 78, 42-51.	3.1	22
70	Enhanced occipital and anterior cingulate activation in men but not in women during exposure to angry and fearful male faces. Cognitive, Affective and Behavioral Neuroscience, 2004, 4, 326-334.	2.0	20
71	Effects of aging on emotion recognition from dynamic multimodal expressions and vocalizations. Scientific Reports, 2021, 11, 2647.	3.3	20
72	Emotion and Aging. , 2016, , 259-278.		19

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73	Do Valenced Odors and Trait Body Odor Disgust Affect Evaluation of Emotion in Dynamic Faces?. <i>Perception</i> , 2017, 46, 1412-1426.	1.2	19
74	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 851-857.	2.9	19
75	Functional neuroanatomical correlates of electrodermal activity: A positron emission tomographic study. <i>Psychophysiology</i> , 1998, 35, 179-185.	2.4	19
76	Moment-to-Moment Brain Signal Variability Reliably Predicts Psychiatric Treatment Outcome. <i>Biological Psychiatry</i> , 2022, 91, 658-666.	1.3	19
77	Effects of late-night short sleep on in-home polysomnography: relation to adult age and sex. <i>Journal of Sleep Research</i> , 2018, 27, e12626.	3.2	16
78	Investigating individual differences in emotion recognition ability using the ERAM test. <i>Acta Psychologica</i> , 2021, 220, 103422.	1.5	16
79	Reliability and Construct Validity of the Psychopathic Personality Inventory-Revised in a Swedish Non-Criminal Sample – A Multimethod Approach including Psychophysiological Correlates of Empathy for Pain. <i>PLoS ONE</i> , 2016, 11, e0156570.	2.5	16
80	Increased Bilateral Frontal Connectivity during Working Memory in Young Adults under the Influence of a Dopamine D1 Receptor Antagonist. <i>Journal of Neuroscience</i> , 2012, 32, 17067-17072.	3.6	15
81	Variation in the Oxytocin Receptor Gene Is Associated with Face Recognition and its Neural Correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 178.	2.0	15
82	Social memory associated with estrogen receptor polymorphisms in women. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 877-883.	3.0	15
83	Improvement in indices of cellular protection after psychological treatment for social anxiety disorder. <i>Translational Psychiatry</i> , 2019, 9, 340.	4.8	15
84	Brain correlates of negative visuospatial priming in healthy children. <i>Psychiatry Research - Neuroimaging</i> , 2005, 139, 41-52.	1.8	14
85	Exploring emotional expression recognition in aging adults using the Moving Window Technique. <i>PLoS ONE</i> , 2018, 13, e0205341.	2.5	14
86	Emotion recognition associated with polymorphism in oxytocinergic pathway gene ARNT2. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 173-181.	3.0	14
87	Sleep restriction caused impaired emotional regulation without detectable brain activation changes—a functional magnetic resonance imaging study. <i>Royal Society Open Science</i> , 2019, 6, 181704.	2.4	14
88	Attenuated subjective ratings and skin conductance responses to neutral and negative pictures in non-psychopathic mentally disordered offenders with various diagnoses. <i>Psychiatry Research</i> , 2010, 180, 30-34.	3.3	12
89	Impact of Negative Emotion on the Neural Correlates of Long-Term Recognition in Younger and Older Adults. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 74.	2.1	12
90	Amygdala reactivity and connectivity during social and non-social aversive stimulation in social anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 56-61.	1.8	12

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91	Positivity Effect and Working Memory Performance Remains Intact in Older Adults After Sleep Deprivation. <i>Frontiers in Psychology</i> , 2019, 10, 605.	2.1	11
92	Training Emotion Recognition Accuracy: Results for Multimodal Expressions and Facial Micro Expressions. <i>Frontiers in Psychology</i> , 2021, 12, 708867.	2.1	11
93	Age-related differences in evaluation of social attributes from computer-generated faces of varying intensity.. <i>Psychology and Aging</i> , 2019, 34, 686-697.	1.6	11
94	Adult age-differences in subjective impression of emotional faces are reflected in emotion-related attention and memory tasks. <i>Frontiers in Psychology</i> , 2014, 5, 423.	2.1	10
95	Hippocampal Brain Volume Is Associated with Faster Facial Emotion Identification in Older Adults: Preliminary Results. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 203.	3.4	10
96	Viewing distance matter to perceived intensity of facial expressions. <i>Frontiers in Psychology</i> , 2015, 6, 944.	2.1	9
97	Background odors affect behavior in a dot-probe task with emotionally expressive faces. <i>Physiology and Behavior</i> , 2019, 210, 112540.	2.1	9
98	A combined fMRI and EMG study of emotional contagion following partial sleep deprivation in young and older humans. <i>Scientific Reports</i> , 2020, 10, 17944.	3.3	9
99	A Review of the Effects of Valenced Odors on Face Perception and Evaluation. <i>I-Perception</i> , 2021, 12, 204166952110095.	1.4	9
100	Effects of DARPP-32 Genetic Variation on Prefrontal Cortex Volume and Episodic Memory Performance. <i>Frontiers in Neuroscience</i> , 2017, 11, 244.	2.8	8
101	Memory for faces and voices varies as a function of sex and expressed emotion. <i>PLoS ONE</i> , 2017, 12, e0178423.	2.5	8
102	Estimated gray matter volume rapidly changes after a short motor task. <i>Cerebral Cortex</i> , 2022, 32, 4356-4369.	2.9	8
103	Studying the various facets of emotional aging. <i>Frontiers in Psychology</i> , 2014, 5, 1007.	2.1	7
104	Age-differential relationships among dopamine D1 binding potential, fusiform BOLD signal, and face-recognition performance. <i>NeuroImage</i> , 2020, 206, 116232.	4.2	6
105	The effects of face attractiveness on face memory depend on both age of perceiver and age of face. <i>Cognition and Emotion</i> , 2020, 34, 875-889.	2.0	6
106	Psychotically driven aggression is associated with greater mentalizing challenges in psychotic spectrum disorders. <i>BMC Psychiatry</i> , 2020, 20, 470.	2.6	5
107	Dataset of whole-brain resting-state fMRI of 227 young and elderly adults acquired at 3T. <i>Data in Brief</i> , 2021, 38, 107333.	1.0	5
108	Higher hypothalamic and hippocampal neural activity in type A than type B women. <i>Personality and Individual Differences</i> , 1998, 26, 265-270.	2.9	4

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109	Association between polymorphisms in NOS3 and KCNH2 and social memory. <i>Frontiers in Neuroscience</i> , 2015, 9, 393.	2.8	4
110	Pulse Pressure Magnifies the Effect of COMT Val158Met on 15 Years Episodic Memory Trajectories. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 34.	3.4	4
111	Impaired facial emotion perception of briefly presented double masked stimuli in violent offenders with schizophrenia spectrum disorders. <i>Schizophrenia Research: Cognition</i> , 2020, 19, 100163.	1.3	4
112	<p>Gray Matter Volume Correlates of Sleepiness: A Voxel-Based Morphometry Study in Younger and Older Adults</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 289-298.	2.7	4
113	Brain Processing of Fearful Facial Expression in Mentally Disordered Offenders. <i>Journal of Behavioral and Brain Science</i> , 2011, 01, 115-123.	0.5	3
114	Age-Related Differences in Amygdala Activation Associated With Face Trustworthiness but No Evidence of Oxytocin Modulation. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	3
115	Brain activation due to postoperative pain from the right hand measured with regional cerebral blood flow using positron emission tomography. <i>Scandinavian Journal of Pain</i> , 2010, 1, 115-119.	1.3	2
116	Influence of <i>DARPP-32</i> genetic variation on BOLD activation to happy faces. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1658-1667.	3.0	2
117	Patients with Parkinsonâ™s disease display a dopamine therapy related negative bias and an enlarged range in emotional responses to facial emotional stimuli.. <i>Neuropsychology</i> , 2017, 31, 605-612.	1.3	2
118	A Quantitative Data-Driven Analysis Framework for Resting-State Functional Magnetic Resonance Imaging: A Study of the Impact of Adult Age. <i>Frontiers in Neuroscience</i> , 2021, 15, 768418.	2.8	2
119	Dopaminergic and Serotonergic Drug Use: A Nationwide Register-Based Study of Over 1 300 000 Older People. <i>PLoS ONE</i> , 2011, 6, e23750.	2.5	1
120	T5. Brain Before Behavior: Temporal Dynamics in the Treatment of Social Anxiety - Neural Changes Occur Early and Precede Clinical Improvement. <i>Biological Psychiatry</i> , 2018, 83, S130-S131.	1.3	1
121	Mixed support for a causal link between single dose intranasal oxytocin and spiritual experiences: opposing effects depending on individual proclivities for absorption. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 921-932.	3.0	1
122	105. Effects of partial sleep deprivation on self-rated health and sickness. <i>Brain, Behavior, and Immunity</i> , 2013, 32, e30.	4.1	0
123	S13. Can Psychological Treatment Slow Down Cellular Aging in Social Anxiety Disorder? An Intervention Study Evaluating Changes in Telomere Length and Telomerase Activity. <i>Biological Psychiatry</i> , 2018, 83, S351-S352.	1.3	0
124	F31. Affective Brain Signal Variability Separates Social Anxiety Disorder Patients From Healthy Individuals. <i>Biological Psychiatry</i> , 2018, 83, S249-S250.	1.3	0
125	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Biological Psychiatry</i> , 2020, 87, S461-S462.	1.3	0
126	Moment-To-Moment Variability in the Visual Cortex Robustly Predicts Response to Psychological Treatment in Anxiety Disordered Patients. <i>Biological Psychiatry</i> , 2020, 87, S309.	1.3	0