

Birgit Derntl

List of Publications by Citations

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129
papers

4,053
citations

36
h-index

60
g-index

134
ext. papers

4,995
ext. citations

4.6
avg, IF

5.58
L-index

#	Paper	IF	Citations
129	Multidimensional assessment of empathic abilities: neural correlates and gender differences. <i>Psychoneuroendocrinology</i> , 2010 , 35, 67-82	5	251
128	Generalized deficit in all core components of empathy in schizophrenia. <i>Schizophrenia Research</i> , 2009 , 108, 197-206	3.6	160
127	The effect of strategies, goals and stimulus material on the neural mechanisms of emotion regulation: A meta-analysis of fMRI studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 72, 111-128	9	157
126	Amygdala activation and facial expressions: explicit emotion discrimination versus implicit emotion processing. <i>Neuropsychologia</i> , 2007 , 45, 2369-77	3.2	145
125	Amygdala activity to fear and anger in healthy young males is associated with testosterone. <i>Psychoneuroendocrinology</i> , 2009 , 34, 687-93	5	144
124	Emotion recognition accuracy in healthy young females is associated with cycle phase. <i>Hormones and Behavior</i> , 2008 , 53, 90-5	3.7	141
123	Facial emotion recognition and amygdala activation are associated with menstrual cycle phase. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1031-40	5	133
122	The impact of facial emotional expressions on behavioral tendencies in women and men. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010 , 36, 500-7	2.6	125
121	Psychosocial versus physiological stress - Meta-analyses on deactivations and activations of the neural correlates of stress reactions. <i>NeuroImage</i> , 2015 , 119, 235-51	7.9	111
120	The transsexual brain--A review of findings on the neural basis of transsexualism. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 59, 251-66	9	111
119	Amygdala activation at 3T in response to human and avatar facial expressions of emotions. <i>Journal of Neuroscience Methods</i> , 2007 , 161, 126-33	3	101
118	How specific are emotional deficits? A comparison of empathic abilities in schizophrenia, bipolar and depressed patients. <i>Schizophrenia Research</i> , 2012 , 142, 58-64	3.6	79
117	Incongruence effects in crossmodal emotional integration. <i>NeuroImage</i> , 2011 , 54, 2257-66	7.9	77
116	Facial emotion recognition in patients with bipolar I and bipolar II disorder. <i>British Journal of Clinical Psychology</i> , 2009 , 48, 363-75	3.6	77
115	Inhibitory control and trait aggression: neural and behavioral insights using the emotional stop signal task. <i>NeuroImage</i> , 2013 , 79, 264-74	7.9	71
114	fMRI measurements of amygdala activation are confounded by stimulus correlated signal fluctuation in nearby veins draining distant brain regions. <i>Scientific Reports</i> , 2015 , 5, 10499	4.9	70
113	Implicit and explicit behavioral tendencies in male and female depression. <i>Psychiatry Research</i> , 2010 , 177, 124-30	9.9	68

112	Sex differences in cognitive regulation of psychosocial achievement stress: brain and behavior. <i>Human Brain Mapping</i> , 2015 , 36, 1028-42	5.9	65
111	General and specific responsiveness of the amygdala during explicit emotion recognition in females and males. <i>BMC Neuroscience</i> , 2009 , 10, 91	3.2	64
110	Association of menstrual cycle phase with the core components of empathy. <i>Hormones and Behavior</i> , 2013 , 63, 97-104	3.7	59
109	The impact of social exclusion vs. inclusion on subjective and hormonal reactions in females and males. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2925-32	5	59
108	The spectral diversity of resting-state fluctuations in the human brain. <i>PLoS ONE</i> , 2014 , 9, e93375	3.7	58
107	Neural correlates of the core facets of empathy in schizophrenia. <i>Schizophrenia Research</i> , 2012 , 136, 70-81	3.6	57
106	Empathic behavioral and physiological responses to dynamic stimuli in depression. <i>Psychiatry Research</i> , 2012 , 200, 294-305	9.9	55
105	Transdiagnostic commonalities and differences in resting state functional connectivity of the default mode network in schizophrenia and major depression. <i>NeuroImage: Clinical</i> , 2016 , 10, 326-35	5.3	54
104	Neural correlates of social approach and withdrawal in patients with major depression. <i>Social Neuroscience</i> , 2011 , 6, 482-501	2	52
103	Deficits in social cognition: a marker for psychiatric disorders?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011 , 261 Suppl 2, S145-9	5.1	51
102	Empathic competencies in violent offenders. <i>Psychiatry Research</i> , 2013 , 210, 1168-75	9.9	49
101	Who is to blame? Neural correlates of causal attribution in social situations. <i>Social Neuroscience</i> , 2010 , 5, 335-50	2	45
100	Amygdala activation during recognition of emotions in a foreign ethnic group is associated with duration of stay. <i>Social Neuroscience</i> , 2009 , 4, 294-307	2	43
99	Impact of Social Cognition on Alcohol Dependence Treatment Outcome: Poorer Facial Emotion Recognition Predicts Relapse/Dropout. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 2197-2206	2.7	40
98	Risk or resilience? Empathic abilities in patients with bipolar disorders and their first-degree relatives. <i>Journal of Psychiatric Research</i> , 2012 , 46, 382-8	5.2	40
97	Sex differences in the functional connectivity of the amygdalae in association with cortisol. <i>NeuroImage</i> , 2016 , 134, 410-423	7.9	40
96	Recognition of emotional expressions is affected by inversion and presentation time. <i>Perception</i> , 2009 , 38, 1849-62	1.2	39
95	The differential contribution of facial expressions, prosody, and speech content to empathy. <i>Cognition and Emotion</i> , 2012 , 26, 995-1014	2.3	38

94	Alterations in brain activation during cognitive empathy are related to social functioning in schizophrenia. <i>Schizophrenia Bulletin</i> , 2015 , 41, 211-22	1.3	36
93	Differential Patterns of Dysconnectivity in Mirror Neuron and Mentalizing Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016 , 42, 1135-48	1.3	35
92	Effects of Hormonal Contraceptives on Mood: A Focus on Emotion Recognition and Reactivity, Reward Processing, and Stress Response. <i>Current Psychiatry Reports</i> , 2019 , 21, 115	9.1	35
91	Anger under control: neural correlates of frustration as a function of trait aggression. <i>PLoS ONE</i> , 2013 , 8, e78503	3.7	35
90	Intrinsic functional connectivity underlying successful emotion regulation of angry faces. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1980-1991	4	34
89	Affective empathy differs in male violent offenders with high- and low-trait psychopathy. <i>Journal of Personality Disorders</i> , 2015 , 29, 42-61	2.6	32
88	Impact of self-esteem and sex on stress reactions. <i>Scientific Reports</i> , 2017 , 7, 17210	4.9	32
87	Menstrual cycle phase and duration of oral contraception intake affect olfactory perception. <i>Chemical Senses</i> , 2013 , 38, 67-75	4.8	32
86	Culture but not gender modulates amygdala activation during explicit emotion recognition. <i>BMC Neuroscience</i> , 2012 , 13, 54	3.2	31
85	Sex matters: Neural correlates of voice gender perception. <i>NeuroImage</i> , 2013 , 79, 275-87	7.9	28
84	More than just two sexes: the neural correlates of voice gender perception in gender dysphoria. <i>PLoS ONE</i> , 2014 , 9, e111672	3.7	28
83	Imaging stress: an overview of stress induction methods in the MR scanner. <i>Journal of Neural Transmission</i> , 2019 , 126, 1187-1202	4.3	28
82	Neural correlates of depressive realism--an fMRI study on causal attribution in depression. <i>Journal of Affective Disorders</i> , 2012 , 138, 268-76	6.6	27
81	Shaping of the Female Human Brain by Sex Hormones: A Review. <i>Neuroendocrinology</i> , 2021 , 111, 183-206	6.6	26
80	Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function. <i>Human Brain Mapping</i> , 2018 , 39, 644-661	5.9	26
79	Affective responsiveness is influenced by intake of oral contraceptives. <i>European Neuropsychopharmacology</i> , 2016 , 26, 1014-9	1.2	25
78	Feelings of helplessness increase ERN amplitudes in healthy individuals. <i>Neuropsychologia</i> , 2013 , 51, 613-21	3.2	24
77	The impact of sex hormone concentrations on decision-making in females and males. <i>Frontiers in Neuroscience</i> , 2014 , 8, 352	5.1	24

76	Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. <i>Biological Psychiatry</i> , 2020 , 87, 282-293	7.9	24
75	Dissociation of explicit and implicit measures of the behavioral inhibition and activation system in borderline personality disorder. <i>Psychiatry Research</i> , 2014 , 218, 134-42	9.9	23
74	Do I feel or do I know? Neuroimaging meta-analyses on the multiple facets of empathy. <i>Cortex</i> , 2020 , 129, 341-355	3.8	20
73	The influence of androstadienone during psychosocial stress is modulated by gender, trait anxiety and subjective stress: An fMRI study. <i>Psychoneuroendocrinology</i> , 2016 , 68, 126-39	5	19
72	Fearless Dominance and reduced feedback-related negativity amplitudes in a time-estimation task - further neuroscientific evidence for dual-process models of psychopathy. <i>Biological Psychology</i> , 2013 , 93, 352-63	3.2	19
71	Neural responses to dynamic multimodal stimuli and pathology-specific impairments of social cognition in schizophrenia and depression. <i>British Journal of Psychiatry</i> , 2015 , 206, 198-205	5.4	19
70	Male-to-female gender dysphoria: Gender-specific differences in resting-state networks. <i>Brain and Behavior</i> , 2017 , 7, e00691	3.4	18
69	Impact of gender and genetics on emotion processing in Parkinson's disease - A multimodal study. <i>NeuroImage: Clinical</i> , 2018 , 18, 305-314	5.3	18
68	The Influence of Menstrual Cycle and Androstadienone on Female Stress Reactions: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 44	3.3	18
67	The regulation of positive and negative emotions through instructed causal attributions in lifetime depression - A functional magnetic resonance imaging study. <i>NeuroImage: Clinical</i> , 2018 , 20, 1233-1245	5.3	18
66	Criticism hurts everybody, praise only some: Common and specific neural responses to approving and disapproving social-evaluative videos. <i>NeuroImage</i> , 2016 , 132, 138-147	7.9	17
65	Attention control and its emotion-specific association with cognitive emotion regulation in depression. <i>Brain Imaging and Behavior</i> , 2019 , 13, 1766-1779	4.1	17
64	When opportunity meets motivation: Neural engagement during social approach is linked to high approach motivation. <i>NeuroImage</i> , 2016 , 127, 267-276	7.9	16
63	Gender differences in experiential and facial reactivity to approval and disapproval during emotional social interactions. <i>Frontiers in Psychology</i> , 2015 , 6, 1372	3.4	16
62	Empathy in individuals clinically at risk for psychosis: brain and behaviour. <i>British Journal of Psychiatry</i> , 2015 , 207, 407-13	5.4	15
61	Predictive Pattern Classification Can Distinguish Gender Identity Subtypes from Behavior and Brain Imaging. <i>Cerebral Cortex</i> , 2020 , 30, 2755-2765	5.1	14
60	Immediate and delayed neuroendocrine responses to social exclusion in males and females. <i>Psychoneuroendocrinology</i> , 2018 , 93, 56-64	5	14
59	Intact emotion-cognition interaction in schizophrenia patients and first-degree relatives: evidence from an emotional antisaccade task. <i>Brain and Cognition</i> , 2013 , 82, 329-36	2.7	14

58	The impact of emotional faces on social motivation in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015 , 265, 613-22	5.1	13
57	Accurate perception of negative emotions predicts functional capacity in schizophrenia. <i>Psychiatry Research</i> , 2014 , 216, 6-11	9.9	13
56	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	3.7	13
55	Neuroimaging the menstrual cycle: A multimodal systematic review. <i>Frontiers in Neuroendocrinology</i> , 2021 , 60, 100878	8.9	13
54	Brain-based ranking of cognitive domains to predict schizophrenia. <i>Human Brain Mapping</i> , 2019 , 40, 4487-4507	5.5	12
53	Emotional dysfunctions in neurodegenerative diseases. <i>Journal of Comparative Neurology</i> , 2016 , 524, 1727-43	3.4	12
52	Imaging the ups and downs of emotion regulation in lifetime depression. <i>Brain Imaging and Behavior</i> , 2018 , 12, 156-167	4.1	11
51	Interaction of Sex and Age on the Dissociative Effects of Ketamine Action in Young Healthy Participants. <i>Frontiers in Neuroscience</i> , 2019 , 13, 616	5.1	10
50	The Neuroanatomy of Transgender Identity: Mega-Analytic Findings From the ENIGMA Transgender Persons Working Group. <i>Journal of Sexual Medicine</i> , 2021 , 18, 1122-1129	1.1	10
49	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. <i>Biological Psychiatry</i> , 2021 , 89, 308-319	7.9	10
48	Effects of the experimental administration of oral estrogen on prefrontal functions in healthy young women. <i>Psychopharmacology</i> , 2018 , 235, 3465-3477	4.7	10
47	Angry but not neutral faces facilitate response inhibition in schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017 , 267, 621-627	5.1	8
46	Anticipatory feelings: Neural correlates and linguistic markers. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 113, 308-324	9	7
45	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	7.9	7
44	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	3.7	7
43	Processing expected and unexpected uncertainty is modulated by fearless-dominance personality traits - An exploratory ERP study on feedback processing. <i>Physiology and Behavior</i> , 2017 , 168, 74-83	3.5	7
42	The peripartum human brain: Current understanding and future perspectives. <i>Frontiers in Neuroendocrinology</i> , 2020 , 59, 100859	8.9	7
41	Gender incongruence and the brain - Behavioral and neural correlates of voice gender perception in transgender people. <i>Hormones and Behavior</i> , 2018 , 105, 11-21	3.7	6

40	Brain structure changes associated with sexual orientation. <i>Scientific Reports</i> , 2021 , 11, 5078	4.9	6
39	Potential Adverse Effects of Violent Video Gaming: Interpersonal- Affective Traits Are Rather Impaired Than Disinhibition in Young Adults. <i>Frontiers in Psychology</i> , 2018 , 9, 736	3.4	5
38	Implicit and Explicit Motivational Tendencies to Faces Varying in Trustworthiness and Dominance in Men. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 8	3.5	5
37	Cerebral and behavioural response to human voices is mediated by sex and sexual orientation. <i>Behavioural Brain Research</i> , 2019 , 356, 89-97	3.4	5
36	Friend vs. Foe: Cognitive and Affective Empathy in Women With Different Hormonal States. <i>Frontiers in Neuroscience</i> , 2021 , 15, 608768	5.1	5
35	Influence of ovarian hormones on value-based decision-making systems: Contribution to sexual dimorphisms in mental disorders. <i>Frontiers in Neuroendocrinology</i> , 2021 , 60, 100873	8.9	5
34	Patterns of schizophrenia symptoms: hidden structure in the PANSS questionnaire. <i>Translational Psychiatry</i> , 2018 , 8, 237	8.6	5
33	Exploring Sex Differences in the Neural Correlates of Self-and Other-Referential Gender Stereotyping. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 31	3.5	4
32	Stress matters! Psychophysiological and emotional loadings of pregnant women undergoing fetal magnetic resonance imaging. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 25	3.2	4
31	Differential Resting-State Connectivity Patterns of the Right Anterior and Posterior Dorsolateral Prefrontal Cortices (DLPFC) in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018 , 9, 211	5	4
30	Hormones Matter? Association of the Menstrual Cycle With Selective Attention for Liked and Disliked Body Parts. <i>Frontiers in Psychology</i> , 2019 , 10, 851	3.4	3
29	The impact of face masks on emotion recognition performance and perception of threat.. <i>PLoS ONE</i> , 2022 , 17, e0262840	3.7	3
28	A methodology for psycho-biological assessment of stress in software engineering. <i>PeerJ Computer Science</i> , 2020 , 6, e286	2.7	3
27	Weiblicher vs. männlicher Stresstyp? Ein aktueller Überblick zur neuropsychologischen Stressforschung. <i>Zeitschrift Fur Psychiatrie, Psychologie Und Psychotherapie</i> , 2013 , 61, 71-79	0.3	3
26	Use of an estradiol-based combined oral contraceptives has no influence on attentional bias or depressive symptoms in healthy women. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104544	5	3
25	The Association Between Vulnerable/Grandiose Narcissism and Emotion Regulation. <i>Frontiers in Psychology</i> , 2020 , 11, 519330	3.4	3
24	Exploring the fMRI based neural correlates of the dot probe task and its modulation by sex and body odor. <i>Psychoneuroendocrinology</i> , 2019 , 99, 87-96	5	3
23	Neurobiological substrates of the positive formal thought disorder in schizophrenia revealed by seed connectome-based predictive modeling. <i>NeuroImage: Clinical</i> , 2021 , 30, 102666	5.3	3

22	Do Social Cognition Deficits Recover with Abstinence in Alcohol-Dependent Patients?. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 470-479	3.7	3
21	Sex hormones and human brain function. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 175, 195-207	3	2
20	Association of levonorgestrel intrauterine devices with stress reactivity, mental health, quality of life and sexual functioning: A systematic review. <i>Frontiers in Neuroendocrinology</i> , 2021 , 63, 100943	8.9	2
19	Estradiol administration modulates neural emotion regulation. <i>Psychoneuroendocrinology</i> , 2021 , 134, 105425	5	2
18	The Verbal Interaction Social Threat Task: A New Paradigm Investigating the Effects of Social Rejection in Men and Women. <i>Frontiers in Neuroscience</i> , 2019 , 13, 830	5.1	1
17	A Short Empathy Paradigm to Assess Empathic Deficits in Schizophrenia. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2020 , 10,	2.3	1
16	Pregnancy and brain architecture: Associations with hormones, cognition and affect.. <i>Journal of Neuroendocrinology</i> , 2021 , e13066	3.8	1
15	Emotional imagination of negative situations: Functional neuroimaging in anorexia and bulimia. <i>PLoS ONE</i> , 2021 , 16, e0231684	3.7	1
14	Replication of Previous Findings? Comparing Gray Matter Volumes in Transgender Individuals with Gender Incongruence and Cisgender Individuals. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
13	Fast accurate quantification of salivary cortisol and cortisone in a large-scale clinical stress study by micro-UHPLC-ESI-MS/MS using a surrogate calibrant approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1182, 122939	3.2	1
12	Insights from a laboratory and naturalistic investigation on stress, rumination and frontal brain functioning in MDD: An fNIRS study. <i>Neurobiology of Stress</i> , 2021 , 15, 100344	7.6	1
11	Subjective responses to emotional body odors and common odors in autism-spectrum disorders. <i>European Psychiatry</i> , 2021 , 64, S613-S613	6	1
10	No Evidence for a Role of Oral Contraceptive-Use in Emotion Recognition But Higher Negativity Bias in Early Follicular Women.. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 773961	3.5	0
9	Neurobiobehavioral responses to virtual social rejection in females-exploring the influence of oxytocin. <i>Social Cognitive and Affective Neuroscience</i> , 2021 , 16, 326-333	4	0
8	The association of the 5-HTTLPR polymorphism and the response to different stressors in healthy males. <i>Journal of Neural Transmission</i> , 2021 , 128, 1347-1359	4.3	0
7	Male or Female? - Influence of Gender Role and Sexual Attraction on Sex Categorization of Faces. <i>Frontiers in Psychology</i> , 2021 , 12, 718004	3.4	0
6	Healthcare for Trans*gender People in Germany: Gaps, Challenges, and Perspectives. <i>Frontiers in Neuroscience</i> , 2021 , 15, 718335	5.1	0
5	No Differences in Value-Based Decision-Making Due to Use of Oral Contraceptives.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 817825	5.7	0

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- 3 Gleich oder ungleich? Geschlechtsunterschiede hinsichtlich Stress und Stressbewältigung **2018**, 129-141
- 2 The relationship between emotional intelligence and quality of life in schizophrenia and bipolar I disorder. *Quality of Life Research*, **2021**, 30, 2475-2485 3.7
- 1 Acute relaxation during pregnancy leads to a reduction in maternal electrodermal activity and self-reported stress levels. *BMC Pregnancy and Childbirth*, **2021**, 21, 628 3.2