Roland Zahn

List of Publications by Year
in descending order

95 papers	6,031 citations	117453 34 h-index	76769 74 g-index
107 all docs	107 docs citations	107 times ranked	6177 citing authors

#	Article	IF	Citations
1	The neural basis of human moral cognition. Nature Reviews Neuroscience, 2005, 6, 799-809.	4.9	795
2	Human fronto-mesolimbic networks guide decisions about charitable donation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15623-15628.	3.3	732
3	Social concepts are represented in the superior anterior temporal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6430-6435.	3.3	404
4	Neural correlates of trust. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20084-20089.	3.3	313
5	The Neural Basis of Human Social Values: Evidence from Functional MRI. Cerebral Cortex, 2009, 19, 276-283.	1.6	304
6	Affective Cognition and its Disruption in Mood Disorders. Neuropsychopharmacology, 2011, 36, 153-182.	2.8	264
7	The self as a moral agent: Linking the neural bases of social agency and moral sensitivity. Social Neuroscience, 2007, 2, 336-352.	0.7	208
8	The Neural Basis of Moral Cognition. Annals of the New York Academy of Sciences, 2008, 1124, 161-180.	1.8	170
9	Social conceptual impairments in frontotemporal lobar degeneration with right anterior temporal hypometabolism. Brain, 2009, 132, 604-616.	3.7	164
10	Temporal discounting in major depressive disorder. Psychological Medicine, 2014, 44, 1825-1834.	2.7	134
11	Detecting Neuroimaging Biomarkers for Depression: A Meta-analysis of Multivariate Pattern Recognition Studies. Biological Psychiatry, 2017, 82, 330-338.	0.7	116
12	The role of self-blame and worthlessness in the psychopathology of major depressive disorder. Journal of Affective Disorders, 2015, 186, 337-341.	2.0	115
13	Impairment of prosocial sentiments is associated with frontopolar and septal damage in frontotemporal dementia. NeuroImage, 2011, 54, 1735-1742.	2.1	114
14	A Psychological and Neuroanatomical Model of Obsessive-Compulsive Disorder. Journal of Neuropsychiatry and Clinical Neurosciences, 2008, 20, 390-408.	0.9	109
15	Emotional reactions to involuntary psychiatric hospitalization and stigma-related stress among people with mental illness. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 35-43.	1.8	96
16	Guilt-Selective Functional Disconnection of Anterior Temporal and Subgenual Cortices in Major Depressive Disorder. Archives of General Psychiatry, 2012, 69, 1014-21.	13.8	71
17	Subgenual cingulate activity reflects individual differences in empathic concern. Neuroscience Letters, 2009, 457, 107-110.	1.0	70
18	Self-blameâ€“Selective Hyperconnectivity Between Anterior Temporal and Subgenual Cortices and Prediction of Recurrent Depressive Episodes. JAMA Psychiatry, 2015, 72, 1119.	6.0	69

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19	Voluntary Enhancement of Neural Signatures of Affiliative Emotion Using fMRI Neurofeedback. PLoS ONE, 2014, 9, e97343.	1.1	69
20	A Delphi-method-based consensus guideline for definition of treatment-resistant depression for clinical trials. Molecular Psychiatry, 2022, 27, 1286-1299.	4.1	68
21	Event Frequency Modulates the Processing of Daily Life Activities in Human Medial Prefrontal Cortex. Cerebral Cortex, 2007, 17, 2346-2353.	1.6	67
22	A Neural Signature of Affiliative Emotion in the Human Septohypothalamic Area. Journal of Neuroscience, 2012, 32, 12499-12505.	1.7	65
23	Hemispheric lateralization at different levels of human auditory word processing: a functional magnetic resonance imaging study. Neuroscience Letters, 2000, 287, 195-198.	1.0	64
24	The anterior temporal lobes support residual comprehension in Wernickeâ€™s aphasia. Brain, 2014, 137, 931-943.	3.7	64
25	Charting brain growth and aging at high spatial precision. ELife, 2022, 11, .	2.8	61
26	Recovery of semantic word processing in global aphasia: a functional MRI study. Cognitive Brain Research, 2004, 18, 322-336.	3.3	55
27	Hemispheric Specialization within the Superior Anterior Temporal Cortex for Social and Nonsocial Concepts. Journal of Cognitive Neuroscience, 2016, 28, 351-360.	1.1	54
28	Machine learning algorithm accurately detects fMRI signature of vulnerability to major depression. Psychiatry Research - Neuroimaging, 2015, 233, 289-291.	0.9	49
29	Hemispheric asymmetries of hypometabolism associated with semantic memory impairment in Alzheimer's disease: a study using positron emission tomography with fluorodeoxyglucose-F18. Psychiatry Research - Neuroimaging, 2004, 132, 159-172.	0.9	48
30	Social-economical decision making in current and remitted major depression. Psychological Medicine, 2015, 45, 1301-1313.	2.7	46
31	The neuroscience of social feelings: mechanisms of adaptive social functioning. Neuroscience and Biobehavioral Reviews, 2021, 128, 592-620.	2.9	45
32	Mapping of temporal and parietal cortex in progressive nonfluent aphasia and Alzheimer's disease using chemical shift imaging, voxel-based morphometry and positron emission tomography. Psychiatry Research - Neuroimaging, 2005, 140, 115-131.	0.9	43
33	Proneness to Decreased Negative Emotions in Major Depressive Disorder when Blaming Others rather than Oneself. Psychopathology, 2013, 46, 34-44.	1.1	41
34	Increased Amygdala Response to Shame in Remitted Major Depressive Disorder. PLoS ONE, 2014, 9, e86900.	1.1	41
35	Pharmacological Augmentation in Unipolar Depression: A Guide to the Guidelines. International Journal of Neuropsychopharmacology, 2020, 23, 587-625.	1.0	41
36	Selective functional integration between anterior temporal and distinct fronto-mesolimbic regions during guilt and indignation. NeuroImage, 2010, 52, 1720-1726.	2.1	40

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37	Recruiting for research studies using online public advertisements examples from research in affective disorders. Neuropsychiatric Disease and Treatment, 2016, 12, 279.	1.0	38
38	Negative emotions towards others are diminished in remitted major depression. European Psychiatry, 2015, 30, 448-453.	0.1	37
39	Joint independent component analysis of structural and functional images reveals complex patterns of functional reorganisation in stroke aphasia. NeuroImage, 2009, 47, 2057-2063.	2.1	33
40	Asymmetries of visual attention after circumscribed subcortical vascular lesions. Journal of Neurology, Neurosurgery and Psychiatry, 2001, 71, 652-657.	0.9	32
41	Recovery of Semantic Word Processing in Transcortical Sensory Aphasia: a Functional Magnetic Resonance Imaging Study. Neurocase, 2002, 8, 376-386.	0.2	32
42	Real-Time fMRI Pattern Decoding and Neurofeedback Using FRIEND: An FSL-Integrated BCI Toolbox. PLoS ONE, 2013, 8, e81658.	1.1	32
43	The Role of Self-Blaming Moral Emotions in Major Depression and Their Impact on Social-Economical Decision Making. Frontiers in Psychology, 2013, 4, 310.	1.1	30
44	Individual differences in posterior cortical volume correlate with proneness to pride and gratitude. Social Cognitive and Affective Neuroscience, 2014, 9, 1676-1683.	1.5	28
45	Moral Motivation and the Basal Forebrain. Neuroscience and Biobehavioral Reviews, 2020, 108, 207-217.	2.9	28
46	Lexical decision of nonwords and pseudowords in humans: a positron emission tomography study. Neuroscience Letters, 2003, 345, 177-181.	1.0	27
47	Functional activation studies of word processing in the recovery from aphasia. Journal of Physiology (Paris), 2006, 99, 370-385.	2.1	26
48	Subgenual Cingulateâ€“Amygdala Functional Disconnection and Vulnerability to Melancholic Depression. Neuropsychopharmacology, 2016, 41, 2082-2090.	2.8	26
49	White Matter Tract Damage in the Behavioral Variant of Frontotemporal and Corticobasal Dementia Syndromes. PLoS ONE, 2014, 9, e102656.	1.1	26
50	Loss of the Sense of Self-Ownership for Perceptions of Objects in a Case of Right Inferior Temporal, Parieto-Occipital and Precentral Hypometabolism. Psychopathology, 2008, 41, 397-402.	1.1	22
51	Frontotemporal lobar degeneration and social behaviour: Dissociation between the knowledge of its consequences and its conceptual meaning. Cortex, 2017, 93, 107-118.	1.1	22
52	The neural basis of conceptualâ€“emotional integration and its role in major depressive disorder. Social Neuroscience, 2013, 8, 417-433.	0.7	21
53	A novel resting-state functional magnetic resonance imaging signature of resilience to recurrent depression. Psychological Medicine, 2017, 47, 597-607.	2.7	21
54	Comparison of symptom-based versus self-reported diagnostic measures of anxiety and depression disorders in the GLAD and COPING cohorts. Journal of Anxiety Disorders, 2022, 85, 102491.	1.5	20

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55	Patterns of Regional Brain Hypometabolism Associated with Knowledge of Semantic Features and Categories in Alzheimer's Disease. Journal of Cognitive Neuroscience, 2006, 18, 2138-2151.	1.1	18
56	Neural bases of ingroup altruistic motivation in soccer fans. Scientific Reports, 2017, 7, 16122.	1.6	18
57	Arterial spin labelling shows functional depression of non-lesion tissue in chronic Wernicke's aphasia. Cortex, 2017, 92, 249-260.	1.1	17
58	Object alternation testâ€"is it sensitive enough to detect cognitive dysfunction in obsessiveâ€"compulsive disorder?. European Psychiatry, 2004, 19, 441-443.	0.1	15
59	FRIEND Engine Framework: a real time neurofeedback client-server system for neuroimaging studies. Frontiers in Behavioral Neuroscience, 2015, 9, 3.	1.0	15
60	Altruistic decisions following penetrating traumatic brain injury. Brain, 2018, 141, 1558-1569.	3.7	15
61	Changes in the neural correlates of self-blame following mindfulness-based cognitive therapy in remitted depressed participants. Psychiatry Research - Neuroimaging, 2020, 304, 111152.	0.9	15
62	Enhanced subgenual cingulate response to altruistic decisions in remitted major depressive disorder. NeuroImage: Clinical, 2014, 4, 701-710.	1.4	14
63	Blame-rebalance fMRI neurofeedback in major depressive disorder: A randomised proof-of-concept trial. NeuroImage: Clinical, 2019, 24, 101992.	1.4	14
64	Care pathways for people with major depressive disorder: A European Brain Council Value of Treatment study. European Psychiatry, 2022, 65, .	0.1	14
65	You and your kin: Neural signatures of family-based group perception in the subgenual cortex. Social Neuroscience, 2014, 9, 326-331.	0.7	13
66	Study protocol for the antidepressant advisor (ADeSS): a decision support system for antidepressant treatment for depression in UK primary care: a feasibility study. BMJ Open, 2020, 10, e035905.	0.8	13
67	Neuroscience and Morality: Moral Judgments, Sentiments, and Values. , 2009, , 106-135.		9
68	Development and validation of the Maudsley Modified Patient Health Questionnaire (MM-PHQ-9). BJPsych Open, 2021, 7, e123.	0.3	9
69	Subgenual activation and the finger of blame: individual differences and depression vulnerability. Psychological Medicine, 2022, 52, 1560-1568.	2.7	8
70	Striatal and septo-hypothalamic responses to anticipation and outcome of affiliative rewards. NeuroImage, 2021, 243, 118474.	2.1	8
71	Maladaptive blame-related action tendencies are associated with vulnerability to major depressive disorder. Journal of Psychiatric Research, 2022, 145, 70-76.	1.5	8
72	Early life stress explains reduced positive memory biases in remitted depression. European Psychiatry, 2017, 45, 59-64.	0.1	7

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73	Agency and intentionality-dependent experiences of moral emotions. Personality and Individual Differences, 2020, 164, 110125.	1.6	7
74	The Role of Neuroimaging in Translational Cognitive Neuroscience. Topics in Magnetic Resonance Imaging, 2009, 20, 279-289.	0.7	6
75	The Neuropsychiatry of Moral Cognition and Social Conduct. , 2016, , 203-236.		6
76	â€œ[H]E is no More a Person Now But a Whole Climate of Opinionâ€•(Auden, 1940). Cortex, 2007, 43, 1097-1098.	1.1	5
77	Self-Contempt as a Predictor of Suicidality. Journal of Nervous and Mental Disease, 2019, 207, 1056-1057.	0.5	5
78	Positive Shifts in Emotion Evaluation Following Mindfulness-Based Cognitive Therapy (MBCT) in Remitted Depressed Participants. Mindfulness, 2021, 12, 623-635.	1.6	5
79	Predicting clinical outcome to specialist multimodal inpatient treatment in patients with treatment resistant depression. Journal of Affective Disorders, 2021, 291, 188-197.	2.0	5
80	Moral Emotions. , 0, , 491-508.		5
81	Self-blame in major depression: a randomised pilot trial comparing fMRI neurofeedback with self-guided psychological strategies. Psychological Medicine, 2023, 53, 2831-2841.	2.7	5
82	The Neuroscience of Moral Cognition and Emotion. , 2011, , .		4
83	PRimary carE digital Support ToOl in mental health (PRESTO): Design, development and study protocols. Revista De PsiquiatrÃa Y Salud Mental, 2021, , .	1.0	4
84	Neurocognitive Measures of Self-blame and Risk Prediction Models of Recurrence in Major Depressive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 256-264.	1.1	3
85	The Psychopathology of Worthlessness in Depression. Frontiers in Psychiatry, 2022, 13, .	1.3	3
86	The neural underpinnings of moral values. , 2015, , 119-128.		2
87	Brain Damage: Functional Reorganization. , 2009, , 327-331.		1
88	Neural Foundation of Morality. , 2015, , 606-618.		1
89	Reply to: Sample Size, Model Robustness, and Classification Accuracy in Diagnostic Multivariate Neuroimaging Analyses. Biological Psychiatry, 2018, 84, e83-e84.	0.7	1
90	Characterising the severity of treatment resistance in unipolar and bipolar depression. BJPsych Open, 2021, 7, .	0.3	1

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91	Recovery of Semantic Word Processing in Transcortical Sensory Aphasia: a Functional Magnetic Resonance Imaging Study. Neurocase, 2002, 8, 376-386.	0.2	1
92	Internal reliability of blame-related functional MRI measures in major depressive disorder. NeuroImage: Clinical, 2021, 32, 102901.	1.4	1
93	Hemispheric asymmetries of hypometabolism associated with semantic memory impairment in Alzheimer's disease: a study using positron emission tomography with fluorodeoxyglucose-F18. Psychiatry Research - Neuroimaging, 2004, , .	0.9	0
94	Moral Cognition in Neurology. , 2020, , 247-247.		0
95	Increased coupling between superior anterior temporal and septal-subgenual regions during experience of guilt. Frontiers in Behavioral Neuroscience, 0, 3, .	1.0	0