

Ronny Redlich

List of Publications by Year in descending order

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88
papers

4,080
citations

101543
36
h-index

133252
59
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93
all docs

93
docs citations

93
times ranked

5403
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Individual Response to Electroconvulsive Therapy via Machine Learning on Structural Magnetic Resonance Imaging Data. JAMA Psychiatry, 2016, 73, 557.	11.0	257
2	Brain Morphometric Biomarkers Distinguishing Unipolar and Bipolar Depression. JAMA Psychiatry, 2014, 71, 1222.	11.0	226
3	Childhood maltreatment is associated with an automatic negative emotion processing bias in the amygdala. Human Brain Mapping, 2013, 34, 2899-2909.	3.6	207
4	Hippocampal Atrophy in Major Depression: a Function of Childhood Maltreatment Rather than Diagnosis?. Neuropsychopharmacology, 2014, 39, 2723-2731.	5.4	158
5	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. Biological Psychiatry, 2018, 84, 574-581.	1.3	138
6	Reward Processing in Unipolar and Bipolar Depression: A Functional MRI Study. Neuropsychopharmacology, 2015, 40, 2623-2631.	5.4	136
7	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
8	Using structural MRI to identify bipolar disorders – 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. Molecular Psychiatry, 2020, 25, 2130-2143.	7.9	127
9	Obesity and major depression: Body-mass index (BMI) is associated with a severe course of disease and specific neurostructural alterations. Psychoneuroendocrinology, 2015, 51, 219-226.	2.7	120
10	Amygdala excitability to subliminally presented emotional faces distinguishes unipolar and bipolar depression: An fMRI and pattern classification study. Human Brain Mapping, 2014, 35, 2995-3007.	3.6	99
11	Mediation of the influence of childhood maltreatment on depression relapse by cortical structure: a 2-year longitudinal observational study. Lancet Psychiatry, 2019, 6, 318-326.	7.4	97
12	Mood-congruent amygdala responses to subliminally presented facial expressions in major depression: associations with anhedonia. Journal of Psychiatry and Neuroscience, 2013, 38, 249-258.	2.4	88
13	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
14	Association of Serotonin Transporter Gene AluJb Methylation with Major Depression, Amygdala Responsiveness, 5-HTTLPR/rs25531 Polymorphism, and Stress. Neuropsychopharmacology, 2018, 43, 1308-1316.	5.4	73
15	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. Biological Psychiatry, 2020, 87, 451-461.	1.3	72
16	Disadvantage of Social Sensitivity: Interaction of Oxytocin Receptor Genotype and Child Maltreatment on Brain Structure. Biological Psychiatry, 2016, 80, 398-405.	1.3	69
17	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. NeuroImage: Clinical, 2017, 14, 422-432.	2.7	68
18	The Limbic System in Youth Depression: Brain Structural and Functional Alterations in Adolescent In-patients with Severe Depression. Neuropsychopharmacology, 2018, 43, 546-554.	5.4	67

#	ARTICLE	IF	CITATIONS
19	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. Human Brain Mapping, 2022, 43, 341-351.	3.6	64
20	Differential Abnormal Pattern of Anterior Cingulate Gyrus Activation in Unipolar and Bipolar Depression: an fMRI and Pattern Classification Approach. Neuropsychopharmacology, 2017, 42, 1399-1408.	5.4	61
21	A voxel-based diffusion tensor imaging study in unipolar and bipolar depression. Bipolar Disorders, 2017, 19, 23-31.	1.9	60
22	Association of Brain Cortical Changes With Relapse in Patients With Major Depressive Disorder. JAMA Psychiatry, 2018, 75, 484.	11.0	60
23	Systematic misestimation of machine learning performance in neuroimaging studies of depression. Neuropsychopharmacology, 2021, 46, 1510-1517.	5.4	60
24	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. Psychological Medicine, 2020, 50, 1020-1031.	4.5	59
25	Are you gonna leave me? Separation anxiety is associated with increased amygdala responsiveness and volume. Social Cognitive and Affective Neuroscience, 2015, 10, 278-284.	3.0	57
26	Electric field causes volumetric changes in the human brain. ELife, 2019, 8, .	6.0	57
27	NCAN Cross-Disorder Risk Variant Is Associated With Limbic Gray Matter Deficits in Healthy Subjects and Major Depression. Neuropsychopharmacology, 2015, 40, 2510-2516.	5.4	56
28	Elevated body-mass index is associated with reduced white matter integrity in two large independent cohorts. Psychoneuroendocrinology, 2018, 91, 179-185.	2.7	55
29	Distinguishing medication-free subjects with unipolar disorder from subjects with bipolar disorder: state matters. Bipolar Disorders, 2016, 18, 612-623.	1.9	54
30	Serotonin transporter gene methylation is associated with hippocampal gray matter volume. Human Brain Mapping, 2014, 35, 5356-5367.	3.6	53
31	SPIDER OR NO SPIDER? NEURAL CORRELATES OF SUSTAINED AND PHASIC FEAR IN SPIDER PHOBIA. Depression and Anxiety, 2015, 32, 656-663.	4.1	53
32	Factors influencing the success of exposure therapy for specific phobia: A systematic review. Neuroscience and Biobehavioral Reviews, 2020, 108, 796-820.	6.1	51
33	Brain structural effects of treatments for depression and biomarkers of response: a systematic review of neuroimaging studies. Psychological Medicine, 2020, 50, 187-209.	4.5	51
34	Electroconvulsive therapy induced gray matter increase is not necessarily correlated with clinical data in depressed patients. Brain Stimulation, 2019, 12, 335-343.	1.6	49
35	Enhanced neural responsiveness to reward associated with obesity in the absence of food-related stimuli. Human Brain Mapping, 2015, 36, 2330-2337.	3.6	47
36	White matter microstructure mediates the association between physical fitness and cognition in healthy, young adults. Scientific Reports, 2019, 9, 12885.	3.3	47

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37	Social anhedonia in major depressive disorder: a symptom-specific neuroimaging approach. Neuropsychopharmacology, 2019, 44, 883-889.	5.4	43
38	In vivo hippocampal subfield volumes in bipolar disorder – A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	3.6	41
39	Sleep duration is associated with white matter microstructure and cognitive performance in healthy adults. Human Brain Mapping, 2020, 41, 4397-4405.	3.6	38
40	Severity of current depression and remission status are associated with structural connectome alterations in major depressive disorder. Molecular Psychiatry, 2020, 25, 1550-1558.	7.9	36
41	Effects of cumulative illness severity on hippocampal gray matter volume in major depression: a voxel-based morphometry study. Psychological Medicine, 2018, 48, 2391-2398.	4.5	35
42	Evidence of an IFN- γ by early life stress interaction in the regulation of amygdala reactivity to emotional stimuli. Psychoneuroendocrinology, 2015, 62, 166-173.	2.7	33
43	Trajectories of major depression disorders: A systematic review of longitudinal neuroimaging findings. Australian and New Zealand Journal of Psychiatry, 2017, 51, 441-454.	2.3	32
44	Brain structural correlates of insomnia severity in 1053 individuals with major depressive disorder: results from the ENIGMA MDD Working Group. Translational Psychiatry, 2020, 10, 425.	4.8	31
45	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. Brain Stimulation, 2020, 13, 696-704.	1.6	31
46	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. Neuropsychopharmacology, 2019, 44, 2065-2072.	5.4	30
47	The effects of processing speed on memory impairment in patients with major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 494-500.	4.8	30
48	Systematic transdiagnostic review of magnetic-resonance imaging results: Depression, anxiety disorders and their co-occurrence. Journal of Psychiatric Research, 2021, 142, 226-239.	3.1	30
49	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. Biological Psychiatry, 2021, 90, 243-252.	1.3	29
50	Variation of HbA1c affects cognition and white matter microstructure in healthy, young adults. Molecular Psychiatry, 2021, 26, 1399-1408.	7.9	27
51	Influence of electroconvulsive therapy on white matter structure in a diffusion tensor imaging study. Psychological Medicine, 2020, 50, 849-856.	4.5	26
52	Prefrontal brain responsiveness to negative stimuli. Journal of Psychiatry and Neuroscience, 2017, 42, 343-352.	2.4	24
53	International Consortium on the Genetics of Electroconvulsive Therapy and Severe Depressive Disorders (Gen-ECT-ic). European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 921-932.	3.2	22
54	The relationship between social cognition and executive function in Major Depressive Disorder in high-functioning adolescents and young adults. Psychiatry Research, 2018, 263, 139-146.	3.3	20

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55	Associations of schizophrenia risk genes ZNF804A and CACNA1C with schizotypy and modulation of attention in healthy subjects. <i>Schizophrenia Research</i> , 2019, 208, 67-75.	2.0	20
56	Cortical surface area alterations shaped by genetic load for neuroticism. <i>Molecular Psychiatry</i> , 2020, 25, 3422-3431.	7.9	20
57	Childhood maltreatment moderates the influence of genetic load for obesity on reward related brain structure and function in major depression. <i>Psychoneuroendocrinology</i> , 2019, 100, 18-26.	2.7	17
58	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. <i>NeuroImage: Clinical</i> , 2020, 25, 102114.	2.7	17
59	Brain functional effects of electroconvulsive therapy during emotional processing in major depressive disorder. <i>Brain Stimulation</i> , 2020, 13, 1051-1058.	1.6	17
60	Childhood maltreatment and cognitive functioning: the role of depression, parental education, and polygenic predisposition. <i>Neuropsychopharmacology</i> , 2021, 46, 891-899.	5.4	17
61	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	2.4	15
62	The role of BDNF methylation and Val66Met in amygdala reactivity during emotion processing. <i>Human Brain Mapping</i> , 2020, 41, 594-604.	3.6	14
63	Biological sex classification with structural MRI data shows increased misclassification in transgender women. <i>Neuropsychopharmacology</i> , 2020, 45, 1758-1765.	5.4	14
64	An uncertainty-aware, shareable, and transparent neural network architecture for brain-age modeling. <i>Science Advances</i> , 2022, 8, eabg9471.	10.3	13
65	Depressive Symptom Dimensions in Treatment-Resistant Major Depression and Their Modulation With Electroconvulsive Therapy. <i>Journal of ECT</i> , 2020, 36, 123-129.	0.6	12
66	Smartphone-Based Self-Reports of Depressive Symptoms Using the Remote Monitoring Application in Psychiatry (ReMAP): Interformat Validation Study. <i>JMIR Mental Health</i> , 2021, 8, e24333.	3.3	11
67	Association of disease course and brain structural alterations in major depressive disorder. <i>Depression and Anxiety</i> , 2022, 39, 441-451.	4.1	11
68	Alexithymia is associated with attenuated automatic brain response to facial emotion in clinical depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 194-200.	4.8	10
69	Apolipoprotein E Homozygous $\epsilon\mu 4$ Allele Status: A Deteriorating Effect on Visuospatial Working Memory and Global Brain Structure. <i>Frontiers in Neurology</i> , 2019, 10, 552.	2.4	10
70	Social support and hippocampal volume are negatively associated in adults with previous experience of childhood maltreatment. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E328-E336.	2.4	10
71	The Course of Disease in Major Depressive Disorder Is Associated With Altered Activity of the Limbic System During Negative Emotion Processing. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 323-332.	1.5	9
72	Accounting for symptom heterogeneity can improve neuroimaging models of antidepressant response after electroconvulsive therapy. <i>Human Brain Mapping</i> , 2021, 42, 5322-5333.	3.6	9

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73	Brain structural correlates of alexithymia in patients with major depressive disorder. Journal of Psychiatry and Neuroscience, 2020, 45, 117-124.	2.4	8
74	No evidence of DISC1-associated morphological changes in the hippocampus, anterior cingulate cortex, or striatum in major depressive disorder cases and healthy controls. Journal of Affective Disorders, 2014, 166, 103-107.	4.1	7
75	Effects of polygenic risk for major mental disorders and cross-disorder on cortical complexity. Psychological Medicine, 2021, , 1-12.	4.5	7
76	Time heals all wounds? A 2-year longitudinal diffusion tensor imaging study in major depressive disorder. Journal of Psychiatry and Neuroscience, 2019, 44, 407-413.	2.4	7
77	The endocannabinoid system in humans: significant associations between anandamide, brain function during reward feedback and a personality measure of reward dependence. Neuropsychopharmacology, 2021, 46, 1020-1027.	5.4	5
78	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. Psychological Medicine, 2020, , 1-9.	4.5	4
79	Association Between Genetic Risk for Type 2 Diabetes and Structural Brain Connectivity in Major Depressive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 333-340.	1.5	4
80	Novelty seeking is associated with increased body weight and orbitofrontal grey matter volume reduction. Psychoneuroendocrinology, 2021, 126, 105148.	2.7	4
81	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. Journal of Psychiatry and Neuroscience, 2021, 46, E418-E426.	2.4	4
82	Structural and functional neural correlates of vigilant and avoidant regulation style. Journal of Affective Disorders, 2019, 258, 96-101.	4.1	3
83	Evidence for a sex-specific contribution of polygenic load for anorexia nervosa to body weight and prefrontal brain structure in nonclinical individuals. Neuropsychopharmacology, 2019, 44, 2212-2219.	5.4	3
84	Changes in brain function during negative emotion processing in the long-term course of depression. British Journal of Psychiatry, 2022, 221, 476-484.	2.8	3
85	Structural Neuroimaging of Maltreatment and Inflammation in Depression. , 2018, , 287-300.		2
86	Replication of a hippocampus specific effect of the tescalcin regulating variant rs7294919 on gray matter structure. European Neuropsychopharmacology, 2020, 36, 10-17.	0.7	2
87	Apolipoprotein E homozygous $\epsilon\epsilon$ allele status: Effects on cortical structure and white matter integrity in a young to mid-age sample. European Neuropsychopharmacology, 2021, 46, 93-104.	0.7	2
88	Brain functional correlates of emotional face processing in body dysmorphic disorder. Journal of Psychiatric Research, 2022, 147, 103-110.	3.1	0