Udo Dannlowski

List of Publications by Citations

266 papers	**12,422** citations	**53** h-index	**106** g-index
296 ext. papers	**17,629** ext. citations	**7** avg, IF	**5.75** L-index

#	Paper	IF	Citations
266	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. *Nature Genetics*, **2018**, 50, 668-681	36.3	1301
265	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. *Nature Genetics*, **2018**, 50, 381-389	36.3	787
264	Genome-wide association study identifies 30 loci associated with bipolar disorder. *Nature Genetics*, **2019**, 51, 793-803	36.3	662
263	Limbic scars: long-term consequences of childhood maltreatment revealed by functional and structural magnetic resonance imaging. *Biological Psychiatry*, **2012**, 71, 286-93	7.9	656
262	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. *Nature Neuroscience*, **2019**, 22, 343-352	25.5	639
261	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. *Cell*, **2019**, 179, 1469-1482.e11	56.2	402
260	Facial emotion processing in major depression: a systematic review of neuroimaging findings. *Biology of Mood & Anxiety Disorders*, **2011**, 1, 10		269
259	Automatic mood-congruent amygdala responses to masked facial expressions in major depression. *Biological Psychiatry*, **2010**, 67, 155-60	7.9	249
258	Prediction of Individual Response to Electroconvulsive Therapy via Machine Learning on Structural Magnetic Resonance Imaging Data. *JAMA Psychiatry*, **2016**, 73, 557-64	14.5	181
257	Brain morphometric biomarkers distinguishing unipolar and bipolar depression. A voxel-based morphometry-pattern classification approach. *JAMA Psychiatry*, **2014**, 71, 1222-30	14.5	173
256	Childhood maltreatment is associated with an automatic negative emotion processing bias in the amygdala. *Human Brain Mapping*, **2013**, 34, 2899-909	5.9	172
255	Reduced amygdala-prefrontal coupling in major depression: association with MAOA genotype and illness severity. *International Journal of Neuropsychopharmacology*, **2009**, 12, 11-22	5.8	162
254	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
253	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. *Translational Psychiatry*, **2020**, 10, 100	8.6	154
252	Individual differences in alexithymia and brain response to masked emotion faces. *Cortex*, **2010**, 46, 658-67	5.8	146
251	5-HTTLPR biases amygdala activity in response to masked facial expressions in major depression. *Neuropsychopharmacology*, **2008**, 33, 418-24	8.7	145
250	The interleukin 1 beta (IL1B) gene is associated with failure to achieve remission and impaired emotion processing in major depression. *Biological Psychiatry*, **2010**, 67, 543-9	7.9	144

249	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. *Biological Psychiatry*, **2017**, 81, 325-335	7.9	129
248	Cannabinoid receptor 1 (CNR1) gene: impact on antidepressant treatment response and emotion processing in major depression. *European Neuropsychopharmacology*, **2008**, 18, 751-9	1.2	124
247	Hippocampal atrophy in major depression: a function of childhood maltreatment rather than diagnosis?. *Neuropsychopharmacology*, **2014**, 39, 2723-31	8.7	122
246	Oxytocin receptor gene methylation: converging multilevel evidence for a role in social anxiety. *Neuropsychopharmacology*, **2015**, 40, 1528-38	8.7	118
245	Insular and hippocampal gray matter volume reductions in patients with major depressive disorder. *PLoS ONE*, **2014**, 9, e102692	3.7	106
244	Reward Processing in Unipolar and Bipolar Depression: A Functional MRI Study. *Neuropsychopharmacology*, **2015**, 40, 2623-31	8.7	105
243	Serotonergic genes modulate amygdala activity in major depression. *Genes, Brain and Behavior*, **2007**, 6, 672-6	3.6	100
242	Imaging genetics of anxiety disorders. *NeuroImage*, **2010**, 53, 822-31	7.9	99
241	Neurocognitive effects of HF-rTMS over the dorsolateral prefrontal cortex on the attentional processing of emotional information in healthy women: an event-related fMRI study. *Biological Psychology*, **2010**, 85, 487-95	3.2	92
240	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. *Biological Psychiatry*, **2018**, 84, 574-581	7.9	91
239	Amygdala reactivity to masked negative faces is associated with automatic judgmental bias in major depression: a 3 T fMRI study. *Journal of Psychiatry and Neuroscience*, **2007**, 32, 423-9	4.5	89
238	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. *Molecular Psychiatry*, **2020**, 25, 1511-1525	15.1	89
237	Minimization of Childhood Maltreatment Is Common and Consequential: Results from a Large, Multinational Sample Using the Childhood Trauma Questionnaire. *PLoS ONE*, **2016**, 11, e0146058	3.7	88
236	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging and Behavior*, **2017**, 11, 1497-1514	4.1	87
235	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. *Nature Genetics*, **2021**, 53, 817-829	36.3	83
234	Amygdala reactivity predicts automatic negative evaluations for facial emotions. *Psychiatry Research - Neuroimaging*, **2007**, 154, 13-20	2.9	82
233	Spatial processing of facial emotion in patients with unipolar depression: a longitudinal study. *Journal of Affective Disorders*, **2004**, 83, 59-63	6.6	81
232	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	5.9	79

231	Obesity and major depression: Body-mass index (BMI) is associated with a severe course of disease and specific neurostructural alterations. *Psychoneuroendocrinology*, **2015**, 51, 219-26	5	78
230	Neuropeptide Y (NPY) gene: Impact on emotional processing and treatment response in anxious depression. *European Neuropsychopharmacology*, **2010**, 20, 301-9	1.2	78
229	Alexithymic features and automatic amygdala reactivity to facial emotion. *Neuroscience Letters*, **2008**, 435, 40-4	3.3	78
228	Neuropeptide-S (NPS) receptor genotype modulates basolateral amygdala responsiveness to aversive stimuli. *Neuropsychopharmacology*, **2011**, 36, 1879-85	8.7	76
227	Mood-congruent amygdala responses to subliminally presented facial expressions in major depression: associations with anhedonia. *Journal of Psychiatry and Neuroscience*, **2013**, 38, 249-58	4.5	73
226	Neuroimaging differences in spatial cognition between men and male-to-female transsexuals before and during hormone therapy. *Journal of Sexual Medicine*, **2010**, 7, 1858-67	1.1	73
225	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	15.1	71
224	Discriminating unipolar and bipolar depression by means of fMRI and pattern classification: a pilot study. *European Archives of Psychiatry and Clinical Neuroscience*, **2013**, 263, 119-31	5.1	70
223	Emotion specific modulation of automatic amygdala responses by 5-HTTLPR genotype. *NeuroImage*, **2010**, 53, 893-8	7.9	70
222	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. *Biological Psychiatry*, **2017**, 82, 322-329	7.9	68
221	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. *Neuropsychopharmacology*, **2019**, 44, 2285-2293	8.7	68
220	Reduced awareness of othersSemotions in unipolar depressed patients. *Journal of Nervous and Mental Disease*, **2005**, 193, 331-7	1.8	68
219	Attachment avoidance modulates neural response to masked facial emotion. *Human Brain Mapping*, **2009**, 30, 3553-62	5.9	67
218	Catechol-O-methyltransferase gene variation: impact on amygdala response to aversive stimuli. *NeuroImage*, **2012**, 60, 2222-9	7.9	60
217	Interleukin-6 gene (IL-6): a possible role in brain morphology in the healthy adult brain. *Journal of Neuroinflammation*, **2012**, 9, 125	10.1	59
216	Working-memory fMRI reveals cingulate hyperactivation in euthymic major depression. *Human Brain Mapping*, **2009**, 30, 2746-56	5.9	59
215	Mediation of the influence of childhood maltreatment on depression relapse by cortical structure: a 2-year longitudinal observational study. *Lancet Psychiatry,the*, **2019**, 6, 318-326	23.3	55
214	Disadvantage of Social Sensitivity: Interaction of Oxytocin Receptor Genotype and Child Maltreatment on Brain Structure. *Biological Psychiatry*, **2016**, 80, 398-405	7.9	54

213	Association of Serotonin Transporter Gene AluJb Methylation with Major Depression, Amygdala Responsiveness, 5-HTTLPR/rs25531 Polymorphism, and Stress. *Neuropsychopharmacology*, **2018**, 43, 1308-1316	8.7	53
212	Tumor necrosis factor gene variation predicts hippocampus volume in healthy individuals. *Biological Psychiatry*, **2012**, 72, 655-62	7.9	52
211	Childhood adversity impacts on brain subcortical structures relevant to depression. *Journal of Psychiatric Research*, **2017**, 86, 58-65	5.2	50
210	Serotonin transporter gene methylation is associated with hippocampal gray matter volume. *Human Brain Mapping*, **2014**, 35, 5356-67	5.9	50
209	Increased amygdala activation during automatic processing of facial emotion in schizophrenia. *Psychiatry Research - Neuroimaging*, **2010**, 182, 200-6	2.9	50
208	Neurobiology of the major psychoses: a translational perspective on brain structure and function-the FOR2107 consortium. *European Archives of Psychiatry and Clinical Neuroscience*, **2019**, 269, 949-962	5.1	50
207	Amygdala responsiveness to emotional words is modulated by subclinical anxiety and depression. *Behavioural Brain Research*, **2012**, 233, 508-16	3.4	49
206	Alexithymia is related to differences in gray matter volume: a voxel-based morphometry study. *Brain Research*, **2013**, 1491, 60-7	3.7	49
205	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. *Molecular Psychiatry*, **2021**, 26, 5124-5139	15.1	48
204	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. *Molecular Psychiatry*, **2020**, 25, 1430-1446	15.1	47
203	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. *Translational Psychiatry*, **2020**, 10, 172	8.6	46
202	SPIDER OR NO SPIDER? NEURAL CORRELATES OF SUSTAINED AND PHASIC FEAR IN SPIDER PHOBIA. *Depression and Anxiety*, **2015**, 32, 656-63	8.4	46
201	Are you gonna leave me? Separation anxiety is associated with increased amygdala responsiveness and volume. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 278-84	4	45
200	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. *JAMA Psychiatry*, **2021**, 78, 47-63	14.5	43
199	A voxel-based diffusion tensor imaging study in unipolar and bipolar depression. *Bipolar Disorders*, **2017**, 19, 23-31	3.8	42
198	NCAN Cross-Disorder Risk Variant Is Associated With Limbic Gray Matter Deficits in Healthy Subjects and Major Depression. *Neuropsychopharmacology*, **2015**, 40, 2510-6	8.7	42
197	Brain correlates of hypnotic paralysis-a resting-state fMRI study. *NeuroImage*, **2011**, 56, 2173-82	7.9	42
196	Mitochondria, Microglia, and the Immune System-How Are They Linked in Affective Disorders?. *Frontiers in Psychiatry*, **2018**, 9, 739	5	41

195	Distinguishing medication-free subjects with unipolar disorder from subjects with bipolar disorder: state matters. *Bipolar Disorders*, **2016**, 18, 612-623	3.8	41
194	Neural correlates of affective priming effects based on masked facial emotion: an fMRI study. *Psychiatry Research - Neuroimaging*, **2013**, 211, 239-45	2.9	41
193	The Limbic System in Youth Depression: Brain Structural and Functional Alterations in Adolescent In-patients with Severe Depression. *Neuropsychopharmacology*, **2018**, 43, 546-554	8.7	40
192	Masked facial affect priming is associated with therapy response in clinical depression. *European Archives of Psychiatry and Clinical Neuroscience*, **2006**, 256, 215-21	5.1	40
191	Differential Abnormal Pattern of Anterior Cingulate Gyrus Activation in Unipolar and Bipolar Depression: an fMRI and Pattern Classification Approach. *Neuropsychopharmacology*, **2017**, 42, 1399-1408	8.7	38
190	Enhanced neural responsiveness to reward associated with obesity in the absence of food-related stimuli. *Human Brain Mapping*, **2015**, 36, 2330-7	5.9	38
189	The Marburg-Münster Affective Disorders Cohort Study (MACS): A quality assurance protocol for MR neuroimaging data. *NeuroImage*, **2018**, 172, 450-460	7.9	38
188	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	5.3	37
187	Adult attachment anxiety is associated with enhanced automatic neural response to positive facial expression. *Neuroscience*, **2012**, 220, 149-57	3.9	37
186	Cross-Disorder Analysis of Brain Structural Abnormalities in Six Major Psychiatric Disorders: A Secondary Analysis of Mega- and Meta-analytical Findings From the ENIGMA Consortium. *Biological Psychiatry*, **2020**, 88, 678-686	7.9	36
185	Electroconvulsive therapy induced gray matter increase is not necessarily correlated with clinical data in depressed patients. *Brain Stimulation*, **2019**, 12, 335-343	5.1	35
184	Polygenic risk for depression and the neural correlates of working memory in healthy subjects. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 67-76	5.5	33
183	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. *NeuroImage*, **2020**, 218, 116956	7.9	32
182	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. *Nature Human Behaviour*, **2019**, 3, 988-998	12.8	32
181	Associations between childhood maltreatment and emotion processing biases in major depression: results from a dot-probe task. *BMC Psychiatry*, **2015**, 15, 123	4.2	32
180	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. *Biological Psychiatry*, **2020**, 87, 451-461	7.9	32
179	Elevated body-mass index is associated with reduced white matter integrity in two large independent cohorts. *Psychoneuroendocrinology*, **2018**, 91, 179-185	5	31
178	White matter microstructure mediates the association between physical fitness and cognition in healthy, young adults. *Scientific Reports*, **2019**, 9, 12885	4.9	30

177	Evidence of an IFN-☐by early life stress interaction in the regulation of amygdala reactivity to emotional stimuli. *Psychoneuroendocrinology*, **2015**, 62, 166-73	5	30
176	A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol. *Brain Imaging and Behavior*, **2019**, 13, 1453-1467	4.1	30
175	Translational machine learning for psychiatric neuroimaging. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2019**, 91, 113-121	5.5	30
174	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	6.9	30
173	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders : Evidence through univariate and multivariate mega-analysis including 6420 participants from the ENIGMA MDD working group. *Molecular Psychiatry*, **2021**, 26, 4839-4852	15.1	29
172	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. *Human Brain Mapping*, **2020**,	5.9	29
171	Association of Brain Cortical Changes With Relapse in Patients With Major Depressive Disorder. *JAMA Psychiatry*, **2018**, 75, 484-492	14.5	29
170	Subliminal affective priming in clinical depression and comorbid anxiety: a longitudinal investigation. *Psychiatry Research*, **2006**, 143, 63-75	9.9	29
169	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 47-56	11.5	26
168	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	26
167	A longitudinal approach to biological psychiatric research: The PsyCourse study. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 89-102	3.5	24
166	Dopamine D☐receptor gene variation: impact on electroconvulsive therapy response and ventral striatum responsiveness in depression. *International Journal of Neuropsychopharmacology*, **2013**, 16, 1443-59	5.8	24
165	MR imaging of the brain in large cohort studies: feasibility report of the population- and patient-based BiDirect study. *European Radiology*, **2017**, 27, 231-238	8	22
164	Electric field causes volumetric changes in the human brain. *ELife*, **2019**, 8,	8.9	22
163	Brain structural effects of treatments for depression and biomarkers of response: a systematic review of neuroimaging studies. *Psychological Medicine*, **2020**, 50, 187-209	6.9	22
162	Effects of cumulative illness severity on hippocampal gray matter volume in major depression: a voxel-based morphometry study. *Psychological Medicine*, **2018**, 48, 2391-2398	6.9	21
161	Altered B Cell Homeostasis in Patients with Major Depressive Disorder and Normalization of CD5 Surface Expression on Regulatory B Cells in Treatment Responders. *Journal of NeuroImmune Pharmacology*, **2018**, 13, 90-99	6.9	21
160	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. *American Journal of Psychiatry*, **2019**, 176, 1039-1049	11.9	21

159	Social alienation in schizophrenia patients: association with insula responsiveness to facial expressions of disgust. *PLoS ONE*, **2014**, 9, e85014	3.7	21
158	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depressive disorder		21
157	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. *Human Brain Mapping*, **2020**,	5.9	21
156	An Investigation of Psychosis Subgroups With Prognostic Validation and Exploration of Genetic Underpinnings: The PsyCourse Study. *JAMA Psychiatry*, **2020**, 77, 523-533	14.5	21
155	Automatic amygdala response to facial expression in schizophrenia: initial hyperresponsivity followed by hyporesponsivity. *BMC Neuroscience*, **2013**, 14, 140	3.2	20
154	Trajectories of major depression disorders: A systematic review of longitudinal neuroimaging findings. *Australian and New Zealand Journal of Psychiatry*, **2017**, 51, 441-454	2.6	20
153	Common schizophrenia alleles are enriched in mutation-intolerant genes and maintained by background selection		20
152	Neural correlates of working memory in first episode and recurrent depression: An fMRI study. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 84, 39-49	5.5	19
151	Impact of gray matter reductions on theory of mind abilities in patients with schizophrenia. *Social Neuroscience*, **2013**, 8, 631-9	2	19
150	Social anhedonia in major depressive disorder: a symptom-specific neuroimaging approach. *Neuropsychopharmacology*, **2019**, 44, 883-889	8.7	19
149	MANIA-a pattern classification toolbox for neuroimaging data. *Neuroinformatics*, **2014**, 12, 471-86	3.2	18
148	Childhood maltreatment and adult mental disorders - the prevalence of different types of maltreatment and associations with age of onset and severity of symptoms. *Psychiatry Research*, **2020**, 293, 113398	9.9	18
147	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. *Molecular Psychiatry*, **2021**, 26, 2457-2470	15.1	17
146	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	9.9	17
145	Low-frequency and rare variants may contribute to elucidate the genetics of major depressive disorder. *Translational Psychiatry*, **2018**, 8, 70	8.6	17
144	Attachment and social support mediate the association between childhood maltreatment and depressive symptoms. *Journal of Affective Disorders*, **2020**, 273, 310-317	6.6	17
143	Severity of current depression and remission status are associated with structural connectome alterations in major depressive disorder. *Molecular Psychiatry*, **2020**, 25, 1550-1558	15.1	17
142	Adult attachment avoidance and automatic affective response to sad facial expressions. *Australian Journal of Psychology*, **2010**, 62, 181-187	2.3	16

141	Factors influencing the success of exposure therapy for specific phobia: A systematic review. *Neuroscience and Biobehavioral Reviews*, **2020**, 108, 796-820	9	16
140	Traces of Trauma: A Multivariate Pattern Analysis of Childhood Trauma, Brain Structure, and Clinical Phenotypes. *Biological Psychiatry*, **2020**, 88, 829-842	7.9	15
139	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. *Bipolar Disorders*, **2019**, 21, 68-75	3.8	15
138	Predicting rehospitalization within 2 years of initial patient admission for a major depressive episode: a multimodal machine learning approach. *Translational Psychiatry*, **2019**, 9, 285	8.6	15
137	Prefrontal brain responsiveness to negative stimuli distinguishes familial risk for major depression from acute disorder. *Journal of Psychiatry and Neuroscience*, **2017**, 42, 343-352	4.5	15
136	Large-scale evidence for an association between low-grade peripheral inflammation and brain structural alterations in major depression in the BiDirect study. *Journal of Psychiatry and Neuroscience*, **2019**, 44, 423-431	4.5	15
135	Variation of HbA1c affects cognition and white matter microstructure in healthy, young adults. *Molecular Psychiatry*, **2021**, 26, 1399-1408	15.1	15
134	Reduced fractional anisotropy in patients with major depressive disorder and associations with vascular stiffness. *NeuroImage: Clinical*, **2017**, 14, 151-155	5.3	14
133	Intergroup empathy: Enhanced neural resonance for ingroup facial emotion in a shared neural production-perception network. *NeuroImage*, **2019**, 194, 182-190	7.9	14
132	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*, **2020**,	5.9	14
131	Systematic misestimation of machine learning performance in neuroimaging studies of depression. *Neuropsychopharmacology*, **2021**, 46, 1510-1517	8.7	14
130	Outgroup emotion processing in the vACC is modulated by childhood trauma and CACNA1C risk variant. *Social Cognitive and Affective Neuroscience*, **2018**, 13, 341-348	4	13
129	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	5.5	13
128	Interferon Mediated Protective Functions of Microglia in Central Nervous System Autoimmunity. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	13
127	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	13
126	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. *Neuropsychopharmacology*, **2019**, 44, 2065-2072	8.7	12
125	Adjunctive antidepressant treatment with quetiapine in agitated depression: positive effects on symptom reduction, psychopathology and remission rates. *Human Psychopharmacology*, **2008**, 23, 587-93	2.3	12
124	Of ṢdisgraceṢand ṢpainṢ-corticolimbic interaction patterns for disorder-relevant and emotional words in social phobia. *PLoS ONE*, **2014**, 9, e109949	3.7	12

123	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 91-100	3.4	12
122	S -ketamine compared to etomidate during electroconvulsive therapy in major depression. *European Archives of Psychiatry and Clinical Neuroscience*, **2017**, 267, 803-813	5.1	11
121	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. *Brain Stimulation*, **2020**, 13, 696-704	5.1	11
120	Test-retest reliability of subliminal facial affective priming. *Psychological Reports*, **2006**, 98, 153-8	1.6	11
119	Associations of schizophrenia risk genes ZNF804A and CACNA1C with schizotypy and modulation of attention in healthy subjects. *Schizophrenia Research*, **2019**, 208, 67-75	3.6	10
118	Have we met before? Neural correlates of emotional learning in women with social phobia. *Journal of Psychiatry and Neuroscience*, **2014**, 39, E14-23	4.5	10
117	fMRI data visualization with BrainBlend and Blender. *Neuroinformatics*, **2010**, 8, 21-31	3.2	10
116	The Neuroanatomy of Transgender Identity: Mega-Analytic Findings From the ENIGMA Transgender Persons Working Group. *Journal of Sexual Medicine*, **2021**, 18, 1122-1129	1.1	10
115	Influence of electroconvulsive therapy on white matter structure in a diffusion tensor imaging study. *Psychological Medicine*, **2020**, 50, 849-856	6.9	10
114	FreeSurfer-based segmentation of hippocampal subfields: A review of methods and applications, with a novel quality control procedure for ENIGMA studies and other collaborative efforts. *Human Brain Mapping*, **2020**,	5.9	10
113	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. *Biological Psychiatry*, **2020**, 87, 419-430	7.9	9
112	Longitudinal brain volume changes in major depressive disorder. *Journal of Neural Transmission*, **2018**, 125, 1433-1447	4.3	9
111	Extending the vulnerability-stress model of mental disorders: three-dimensional Ⅎenvironment Ⅎ coping interaction study in anxiety. *British Journal of Psychiatry*, **2020**, 217, 645-650	5.4	8
110	Alexithymia is associated with attenuated automatic brain response to facial emotion in clinical depression. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2016**, 65, 194-200	5.5	8
109	The role of BDNF methylation and Val Met in amygdala reactivity during emotion processing. *Human Brain Mapping*, **2020**, 41, 594-604	5.9	8
108	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. *NeuroImage: Clinical*, **2020**, 25, 102114	5.3	8
107	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	5.1	8
106	Theranostic markers for personalized therapy of spider phobia: Methods of a bicentric external cross-validation machine learning approach. *International Journal of Methods in Psychiatric Research*, **2020**, 29, e1812	4.3	8

105	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2020**, 183, 309-330	3.5	8
104	Cortical surface area alterations shaped by genetic load for neuroticism. *Molecular Psychiatry*, **2020**, 25, 3422-3431	15.1	8
103	Biological sex classification with structural MRI data shows increased misclassification in transgender women. *Neuropsychopharmacology*, **2020**, 45, 1758-1765	8.7	8
102	Systematic transdiagnostic review of magnetic-resonance imaging results: Depression, anxiety disorders and their co-occurrence. *Journal of Psychiatric Research*, **2021**, 142, 226-239	5.2	8
101	The genetic relationship between educational attainment and cognitive performance in major psychiatric disorders. *Translational Psychiatry*, **2019**, 9, 210	8.6	7
100	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	8.6	7
99	Brain structural correlates of schizotypal signs and subclinical schizophrenia nuclear symptoms in healthy individuals. *Psychological Medicine*, **2020**, 1-10	6.9	7
98	Brain functional effects of electroconvulsive therapy during emotional processing in major depressive disorder. *Brain Stimulation*, **2020**, 13, 1051-1058	5.1	7
97	High responsivity to threat during the initial stage of perception in repression: a 3 T fMRI study. *Social Cognitive and Affective Neuroscience*, **2012**, 7, 980-90	4	7
96	Unimpaired automatic processing of verbal information in the course of clinical depression. *Depression and Anxiety*, **2006**, 23, 325-30	8.4	7
95	ENIGMA and Global Neuroscience: A Decade of Large-Scale Studies of the Brain in Health and Disease across more than 40 Countries		7
94	Affective Flattening in Patients with Schizophrenia: Differential Association with Amygdala Response to Threat-Related Facial Expression under Automatic and Controlled Processing Conditions. *Psychiatry Investigation*, **2016**, 13, 102-11	3.1	7
93	Dynamics of Brain Structure and its Genetic Architecture over the Lifespan **2020**,		7
92	The peripartum human brain: Current understanding and future perspectives. *Frontiers in Neuroendocrinology*, **2020**, 59, 100859	8.9	7
91	10Kin1day: A Bottom-Up Neuroimaging Initiative. *Frontiers in Neurology*, **2019**, 10, 425	4.1	6
90	Evidence of brain network aberration in healthy subjects with urban upbringing - A multimodal DTI and VBM study. *Schizophrenia Research*, **2019**, 208, 133-137	3.6	6
89	Factor analyses of multidimensional symptoms in a large group of patients with major depressive disorder, bipolar disorder, schizoaffective disorder and schizophrenia. *Schizophrenia Research*, **2020**, 218, 38-47	3.6	6
88	Emotion specific neural activation for the production and perception of facial expressions. *Cortex*, **2020**, 127, 17-28	3.8	6

87	Polygenic risk for schizophrenia affects working memory and its neural correlates in healthy subjects. *Schizophrenia Research*, **2018**, 197, 315-320	3.6	6
86	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, 103-7	6.6	6
85	Childhood maltreatment moderates the influence of genetic load for obesity on reward related brain structure and function in major depression. *Psychoneuroendocrinology*, **2019**, 100, 18-26	5	6
84	Apolipoprotein E Homozygous ɛ4 Allele Status: A Deteriorating Effect on Visuospatial Working Memory and Global Brain Structure. *Frontiers in Neurology*, **2019**, 10, 552	4.1	5
83	Long-Term Neuroanatomical Consequences of Childhood Maltreatment: Reduced Amygdala Inhibition by Medial Prefrontal Cortex. *Frontiers in Systems Neuroscience*, **2020**, 14, 28	3.5	5
82	Brain response to masked and unmasked facial emotions as a function of implicit and explicit personality self-concept of extraversion. *Neuroscience*, **2017**, 340, 464-476	3.9	5
81	Influence of repressive coping style on cortical activation during encoding of angry faces. *PLoS ONE* , **2014**, 9, e112398	3.7	5
80	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	4.5	5
79	Affective temperaments (TEMPS-A) in panic disorder and healthy probands: Genetic modulation by variation. *World Journal of Biological Psychiatry*, **2020**, 21, 790-796	3.8	5
78	Sleep duration is associated with white matter microstructure and cognitive performance in healthy adults. *Human Brain Mapping*, **2020**, 41, 4397-4405	5.9	5
77	Association between body mass index and subcortical brain volumes in bipolar disorders-ENIGMA study in 2735 individuals. *Molecular Psychiatry*, **2021**,	15.1	5
76	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning. *Neuropsychopharmacology*, **2021**, 46, 1895-1905	8.7	5
75	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. *Biological Psychiatry*, **2021**, 90, 243-252	7.9	5
74	Clinical predictors of treatment response towards exposure therapy in virtuo in spider phobia: A machine learning and external cross-validation approach. *Journal of Anxiety Disorders*, **2021**, 83, 102448	10.9	5
73	Lack of Association Between Shape and Volume of Subcortical Brain Structures and Restless Legs Syndrome. *Frontiers in Neurology*, **2018**, 9, 355	4.1	4
72	Evidence of increased risk for major depressive disorder in individuals homozygous for the high-expressing 5-HTTLPR/rs25531 (L(A)) allele of the serotonin transporter promoter. *Psychiatric Genetics*, **2013**, 23, 222-3	2.9	4
71	Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. *Lecture Notes in Computer Science*, **2017**, 10541, 371-378	0.9	4
70	Polygenic risk for schizophrenia and schizotypal traits in non-clinical subjects. *Psychological Medicine*, **2020**, 1-11	6.9	4

69	From §loose fitting§to high-performance, uncertainty-aware brain-age modelling. *Brain*, **2021**, 144, e31	11.2	4
68	Amygdalar Gray Matter Volume and Social Relating in Schizophrenia. *Neuropsychobiology*, **2016**, 74, 139-143		4
67	Childhood maltreatment and cognitive functioning: the role of depression, parental education, and polygenic predisposition. *Neuropsychopharmacology*, **2021**, 46, 891-899	8.7	4
66	Accounting for symptom heterogeneity can improve neuroimaging models of antidepressant response after electroconvulsive therapy. *Human Brain Mapping*, **2021**, 42, 5322-5333	5.9	4
65	Gray matter volume reductions in patients with schizophrenia: A replication study across two cultural backgrounds. *Psychiatry Research - Neuroimaging*, **2019**, 292, 32-40	2.9	3
64	Considering the Source of Information in the Evaluation of Maltreatment Experiences. *JAMA Psychiatry*, **2019**, 76, 984-985	14.5	3
63	Beyond the blues: towards a cross-cultural phenomenology of depressed mood. *Psychopathology*, **2012**, 45, 185-92	3.4	3
62	K18.1 translates T cell receptor signals into thymic regulatory T cell development. *Cell Research*, **2021**,	24.7	3
61	Brain structural correlates of alexithymia in patients with major depressive disorder. *Journal of Psychiatry and Neuroscience*, **2020**, 45, 117-124	4.5	2
60	Theta-Burst Stimulation for Auditory-Verbal Hallucination in Very-Late-Onset Schizophrenia-Like Psychosis-A Functional Magnetic Resonance Imaging Case Study. *Frontiers in Psychiatry*, **2020**, 11, 294	5	2
59	Structural and functional neural correlates of vigilant and avoidant regulation style. *Journal of Affective Disorders*, **2019**, 258, 96-101	6.6	2
58	Polygenic risk scores across the extended psychosis spectrum. *Translational Psychiatry*, **2021**, 11, 600	8.6	2
57	Author response: Electric field causes volumetric changes in the human brain **2019**,		2
56	Altered resting-state functional connectome in major depressive disorder: a mega-analysis from the PsyMRI consortium. *Translational Psychiatry*, **2021**, 11, 511	8.6	2
55	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders		2
54	Genetic factors influencing a neurobiological substrate for psychiatric disorders		2
53	T162. THICKER PREFRONTAL CORTEX IS ASSOCIATED WITH SUBCLINICAL NEGATIVE SYMPTOMS IN SCHIZOTYPY - AN ENIGMA CONSORTIUM META-ANALYSIS. *Schizophrenia Bulletin*, **2020**, 46, S292-S293	1.3	2
52	Association Between Genetic Risk for Type 2 Diabetes and Structural Brain Connectivity in Major Depressive Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2021**,	3.4	2

51	DLPFC volume is a neural correlate of resilience in healthy high-risk individuals with both childhood maltreatment and familial risk for depression. *Psychological Medicine*, **2021**, 1-7	6.9	2
50	Dendritic Cells: Neglected Modulators of Peripheral Immune Responses and Neuroinflammation in Mood Disorders?. *Cells*, **2021**, 10,	7.9	2
49	Efficacy of temporally intensified exposure for anxiety disorders: A multicenter randomized clinical trial. *Depression and Anxiety*, **2021**, 38, 1169-1181	8.4	2
48	Brain structural connectivity, anhedonia, and phenotypes of major depressive disorder: A structural equation model approach. *Human Brain Mapping*, **2021**, 42, 5063-5074	5.9	2
47	Smartphone-Based Self-Reports of Depressive Symptoms Using the Remote Monitoring Application in Psychiatry (ReMAP): Interformat Validation Study. *JMIR Mental Health*, **2021**, 8, e24333	6	2
46	PHOTONAI-A Python API for rapid machine learning model development. *PLoS ONE*, **2021**, 16, e0254062	3.7	2
45	Characterisation of age and polarity at onset in bipolar disorder.. *British Journal of Psychiatry*, **2021**, 219, 659-669	5.4	2
44	Longitudinal Structural Brain Changes in Bipolar Disorder: A Multicenter Neuroimaging Study of 1232 Individuals by the ENIGMA Bipolar Disorder Working Group. *Biological Psychiatry*, **2021**,	7.9	2
43	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	8.7	1
42	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. *Molecular Psychiatry*, **2021**,	15.1	1
41	The German research consortium for the study of bipolar disorder (BipoLife): a magnetic resonance imaging study protocol. *International Journal of Bipolar Disorders*, **2021**, 9, 37	5.4	1
40	Interplay between the genetics of personality traits, severe psychiatric disorders and COVID-19 host genetics in the susceptibility to SARS-CoV-2 infection. *BJPsych Open*, **2021**, 7, e188	5	1
39	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. *Molecular Psychiatry*, **2021**,	15.1	1
38	Repeated Digitized Assessment of Risk and Symptom Profiles During Inpatient Treatment of Affective Disorder: Observational Study. *JMIR Mental Health*, **2020**, 7, e24066	6	1
37	Which traits predict elevated distress during the Covid-19 pandemic? Results from a large, longitudinal cohort study with psychiatric patients and healthy controls. *Journal of Affective Disorders*, **2022**, 297, 18-25	6.6	1
36	Continuous digital collection of patient-reported outcomes during inpatient treatment for affective disorders Implementation and feasibility		1
35	Validation of smartphone-based assessments of depressive symptoms using the Remote Monitoring Application in Psychiatry (ReMAP)		1
34	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. *Psychological Medicine*, **2020**, 1-9	6.9	1

33	Effects of polygenic risk for major mental disorders and cross-disorder on cortical complexity. *Psychological Medicine*, **2021**, 1-12	6.9	1
32	Characterization of Age and Polarity at Onset in Bipolar Disorder		1
31	Social support and hippocampal volume are negatively associated in adults with previous experience of childhood maltreatment. *Journal of Psychiatry and Neuroscience*, **2021**, 46, E328-E336	4.5	1
30	Interpreting weights of multimodal machine learning models-problems and pitfalls. *Neuropsychopharmacology*, **2021**, 46, 1861-1862	8.7	1
29	The progression of disorder-specific brain pattern expression in schizophrenia over 9 years. *NPJ Schizophrenia*, **2021**, 7, 32	5.5	1
28	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. *Journal of Psychiatry and Neuroscience*, **2021**, 46, E418-E426	4.5	1
27	Neural processing of emotional facial stimuli in specific phobia: An fMRI study. *Depression and Anxiety*, **2021**, 38, 846-859	8.4	1
26	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	8.7	1
25	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning		1
24	Structural Neuroimaging of Maltreatment and Inflammation in Depression **2018**, 287-300		1
23	Technical feasibility and adherence of the Remote Monitoring Application in Psychiatry (ReMAP) for the assessment of affective symptoms. *Journal of Affective Disorders*, **2021**, 294, 652-660	6.6	1
22	Genetic variants associated with longitudinal changes in brain structure across the lifespan.. *Nature Neuroscience*, **2022**, 25, 421-432	25.5	1
21	Recommendations for Machine Learning Benchmarks in Neuroimaging.. *NeuroImage*, **2022**, 119298	7.9	1
20	Replication of a hippocampus specific effect of the tescalcin regulating variant rs7294919 on gray matter structure. *European Neuropsychopharmacology*, **2020**, 36, 10-17	1.2	0
19	An uncertainty-aware, shareable, and transparent neural network architecture for brain-age modeling.. *Science Advances*, **2022**, 8, eabg9471	14.3	0
18	Medication Adherence in a Cross-Diagnostic Sample of Patients From the Affective-to-Psychotic Spectrum: Results From the PsyCourse Study.. *Frontiers in Psychiatry*, **2021**, 12, 713060	5	0
17	Changes in brain function during negative emotion processing in the long-term course of depression.. *British Journal of Psychiatry*, **2022**, 1-9	5.4	0
16	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses.. *European Archives of Psychiatry and Clinical Neuroscience*, **2022**, 1	5.1	0

15	Cerebral and behavioral signs of impaired cognitive flexibility and stability in schizophrenia spectrum disorders. *NeuroImage: Clinical*, **2021**, 32, 102855	5.3	0
14	Novelty seeking is associated with increased body weight and orbitofrontal grey matter volume reduction. *Psychoneuroendocrinology*, **2021**, 126, 105148	5	0
13	Apolipoprotein E homozygous 4 allele status: Effects on cortical structure and white matter integrity in a young to mid-age sample. *European Neuropsychopharmacology*, **2021**, 46, 93-104	1.2	0
12	A genome-wide association study of the longitudinal course of executive functions. *Translational Psychiatry*, **2021**, 11, 386	8.6	0
11	Interaction of developmental factors and ordinary stressful life events on brain structure in adults. *NeuroImage: Clinical*, **2021**, 30, 102683	5.3	0
10	Genetic factors influencing a neurobiological substrate for psychiatric disorders. *Translational Psychiatry*, **2021**, 11, 192	8.6	0
9	Behavioral and Magnetoencephalographic Correlates of Fear Generalization Are Associated With Responses to Later Virtual Reality Exposure Therapy in Spider Phobia. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2021**, 7, 221-221	3.4	0
8	Genetic risk for psychiatric illness is associated with the number of hospitalizations of bipolar disorder patients. *Journal of Affective Disorders*, **2022**, 296, 532-540	6.6	0
7	Using combined environmental-clinical classification models to predict role functioning outcome in clinical high-risk states for psychosis and recent-onset depression.. *British Journal of Psychiatry*, **2022**, 1-17	5.4	0
6	Association of disease course and brain structural alterations in major depressive disorder.. *Depression and Anxiety*, **2022**, 39, 441-451	8.4	0
5	Chemokine receptor 4 expression on blood T lymphocytes predicts severity of major depressive disorder.. *Journal of Affective Disorders*, **2022**, 310, 343-353	6.6	0
4	Local glutamate in cingulate cortex subregions differentially correlates with affective network activations during face perception. *European Journal of Neuroscience*, **2020**, 52, 3047-3060	3.5	
3	Brain functional correlates of emotional face processing in body dysmorphic disorder.. *Journal of Psychiatric Research*, **2022**, 147, 103-110	5.2	
2	Neuroimaging of Risk Factors of Depression and Cardiovascular Disease **2016**, 145-165		
1	The Cognitive Reserve Should Be Controlled When Using Neuroimaging to Assess Relapse in Major Depressive Disorder-Reply. *JAMA Psychiatry*, **2018**, 75, 973-974	14.5	