

# Igor Nenadic

## List of Publications by Year in descending order

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117  
papers

5,787  
citations

117625

34  
h-index

102487

66  
g-index

130  
all docs

130  
docs citations

130  
times ranked

8563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
3	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	7.9	218
4	Processing of temporal information and the basal ganglia: new evidence from fMRI. <i>Experimental Brain Research</i> , 2003, 148, 238-246.	1.5	181
5	Local cortical surface complexity maps from spherical harmonic reconstructions. <i>NeuroImage</i> , 2011, 56, 961-973.	4.2	176
6	BrainAGE score indicates accelerated brain aging in schizophrenia, but not bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 86-89.	1.8	166
7	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
8	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	4.2	135
9	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
10	Neurobiology of the major psychoses: a translational perspective on brain structure and functionâ€”the FOR2107 consortium. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 949-962.	3.2	103
11	Auditory hallucinations and brain structure in schizophrenia: voxel-based morphometric study. <i>British Journal of Psychiatry</i> , 2010, 196, 412-413.	2.8	97
12	Distinct pattern of brain structural deficits in subsyndromes of schizophrenia delineated by psychopathology. <i>NeuroImage</i> , 2010, 49, 1153-1160.	4.2	83
13	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
14	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
15	Common and distinct structural features of schizophrenia and bipolar disorder: The European Network on Psychosis, Affective disorders and Cognitive Trajectory (ENPACT) study. <i>PLoS ONE</i> , 2017, 12, e0188000.	2.5	74
16	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 56-82.	3.6	67
17	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 341-351.	3.6	64
18	Systematic misestimation of machine learning performance in neuroimaging studies of depression. <i>Neuropsychopharmacology</i> , 2021, 46, 1510-1517.	5.4	60

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19	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. <i>Psychological Medicine</i> , 2020, 50, 1020-1031.	4.5	59
20	Brain structure in people at ultra-high risk of psychosis, patients with first-episode schizophrenia, and healthy controls: a VBM study. <i>Schizophrenia Research</i> , 2015, 161, 169-176.	2.0	58
21	Brain structure in schizophrenia vs. psychotic bipolar I disorder: A VBM study. <i>Schizophrenia Research</i> , 2015, 165, 212-219.	2.0	58
22	Effects of subclinical depression, anxiety and somatization on brain structure in healthy subjects. <i>Journal of Affective Disorders</i> , 2017, 215, 111-117.	4.1	56
23	Cortical surface complexity in frontal and temporal areas varies across subgroups of schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 1691-1699.	3.6	54
24	Prefrontal gyrification in psychotic bipolar I disorder vs. schizophrenia. <i>Journal of Affective Disorders</i> , 2015, 185, 104-107.	4.1	54
25	Attachment and social support mediate the association between childhood maltreatment and depressive symptoms. <i>Journal of Affective Disorders</i> , 2020, 273, 310-317.	4.1	54
26	Childhood maltreatment and adult mental disorders – the prevalence of different types of maltreatment and associations with age of onset and severity of symptoms. <i>Psychiatry Research</i> , 2020, 293, 113398.	3.3	53
27	Altered gyrification in schizophrenia and its relation to other morphometric markers. <i>Schizophrenia Research</i> , 2018, 202, 195-202.	2.0	51
28	Altered resting-state functional connectome in major depressive disorder: a mega-analysis from the PsyMRI consortium. <i>Translational Psychiatry</i> , 2021, 11, 511.	4.8	51
29	Brain structural correlates of schizotypy and psychosis proneness in a non-clinical healthy volunteer sample. <i>Schizophrenia Research</i> , 2015, 168, 37-43.	2.0	45
30	Associations between urban upbringing and cortical thickness and gyrification. <i>Journal of Psychiatric Research</i> , 2017, 95, 114-120.	3.1	44
31	Chronic tinnitus and the limbic system: Reappraising brain structural effects of distress and affective symptoms. <i>NeuroImage: Clinical</i> , 2019, 24, 101976.	2.7	44
32	Brain Structure and Subclinical Symptoms: A Dimensional Perspective of Psychopathology in the Depression and Anxiety Spectrum. <i>Neuropsychobiology</i> , 2020, 79, 270-283.	1.9	44
33	Patterns of cortical thinning in different subgroups of schizophrenia. <i>British Journal of Psychiatry</i> , 2015, 206, 479-483.	2.8	43
34	Psychosis and Schizophrenia-Spectrum Personality Disorders Require Early Detection on Different Symptom Dimensions. <i>Frontiers in Psychiatry</i> , 2019, 10, 476.	2.6	41
35	In vivo hippocampal subfield volumes in bipolar disorder – A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 385-398.	3.6	41
36	Brain structural correlates of irritability: Findings in a large healthy cohort. <i>Human Brain Mapping</i> , 2017, 38, 6230-6238.	3.6	39

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37	Severity of current depression and remission status are associated with structural connectome alterations in major depressive disorder. <i>Molecular Psychiatry</i> , 2020, 25, 1550-1558.	7.9	36
38	Brain structure in narcissistic personality disorder: A VBM and DTI pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 184-186.	1.8	34
39	Machine-learning based brain age estimation in major depression showing no evidence of accelerated aging. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 1-4.	1.8	32
40	Brain structural correlates of insomnia severity in 1053 individuals with major depressive disorder: results from the ENIGMA MDD Working Group. <i>Translational Psychiatry</i> , 2020, 10, 425.	4.8	31
41	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. <i>Neuropsychopharmacology</i> , 2019, 44, 2065-2072.	5.4	30
42	The effects of processing speed on memory impairment in patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 494-500.	4.8	30
43	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	1.3	29
44	Longitudinal Structural Brain Changes in Bipolar Disorder: A Multicenter Neuroimaging Study of 1232 Individuals by the ENIGMA Bipolar Disorder Working Group. <i>Biological Psychiatry</i> , 2022, 91, 582-592.	1.3	29
45	Association between body mass index and subcortical brain volumes in bipolar disordersâ€“ENIGMA study in 2735 individuals. <i>Molecular Psychiatry</i> , 2021, 26, 6806-6819.	7.9	24
46	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning. <i>Neuropsychopharmacology</i> , 2021, 46, 1895-1905.	5.4	24
47	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. <i>Molecular Psychiatry</i> , 2022, 27, 1111-1119.	7.9	24
48	Aging Effects on Regional Brain Structural Changes in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2012, 38, 838-844.	4.3	23
49	Associations of hippocampal metabolism and regional brain grey matter in neuroleptic-naïve ultra-high-risk subjects and first-episode schizophrenia. <i>European Neuropsychopharmacology</i> , 2015, 25, 1661-1668.	0.7	22
50	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. <i>Molecular Psychiatry</i> , 2022, 27, 1167-1176.	7.9	22
51	Reduced hippocampal gray matter volume is a common feature of patients with major depression, bipolar disorder, and schizophrenia spectrum disorders. <i>Molecular Psychiatry</i> , 2022, 27, 4234-4243.	7.9	21
52	Cortical complexity in bipolar disorder applying a spherical harmonics approach. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 44-47.	1.8	20
53	Psychometric assessment of mental health in tinnitus patients, depressive and healthy controls. <i>Psychiatry Research</i> , 2019, 281, 112582.	3.3	20
54	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

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55	Cortical surface area alterations shaped by genetic load for neuroticism. <i>Molecular Psychiatry</i> , 2020, 25, 3422-3431.	7.9	20
56	Anterior vs Posterior Hippocampal Subfields in an Extended Psychosis Phenotype of Multidimensional Schizotypy in a Nonclinical Sample. <i>Schizophrenia Bulletin</i> , 2021, 47, 207-218.	4.3	20
57	Psychopathological Syndromes Across Affective and Psychotic Disorders Correlate With Gray Matter Volumes. <i>Schizophrenia Bulletin</i> , 2021, 47, 1740-1750.	4.3	20
58	Factor analyses of multidimensional symptoms in a large group of patients with major depressive disorder, bipolar disorder, schizoaffective disorder and schizophrenia. <i>Schizophrenia Research</i> , 2020, 218, 38-47.	2.0	19
59	Substantial genetic link between iq and working memory: Implications for molecular genetic studies on schizophrenia. the european twin study of schizophrenia (EUTwinsS). <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 413-418.	1.7	18
60	Subclinical schizotypal vs. autistic traits show overlapping and diametrically opposed facets in a non-clinical population. <i>Schizophrenia Research</i> , 2021, 231, 32-41.	2.0	18
61	Intermittent theta-burst stimulation moderates interaction between increment of N-Acetyl-Aspartate in anterior cingulate and improvement of unipolar depression. <i>Brain Stimulation</i> , 2020, 13, 943-952.	1.6	17
62	Childhood maltreatment and cognitive functioning: the role of depression, parental education, and polygenic predisposition. <i>Neuropsychopharmacology</i> , 2021, 46, 891-899.	5.4	17
63	Dimensions of Formal Thought Disorder and Their Relation to Gray- and White Matter Brain Structure in Affective and Psychotic Disorders. <i>Schizophrenia Bulletin</i> , 2022, 48, 902-911.	4.3	17
64	A multimodal imaging study of brain structural correlates of schizotypy dimensions using the MSS. <i>Psychiatry Research - Neuroimaging</i> , 2020, 302, 111104.	1.8	16
65	Long-Term Neuroanatomical Consequences of Childhood Maltreatment: Reduced Amygdala Inhibition by Medial Prefrontal Cortex. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 28.	2.5	14
66	Biological sex classification with structural MRI data shows increased misclassification in transgender women. <i>Neuropsychopharmacology</i> , 2020, 45, 1758-1765.	5.4	14
67	Group schema therapy for personality disorders: A pilot study for implementation in acute psychiatric in-patient settings. <i>Psychiatry Research</i> , 2017, 253, 9-12.	3.3	13
68	Brain structure and trait impulsivity: A comparative VBM study contrasting neural correlates of traditional and alternative concepts in healthy subjects. <i>Neuropsychologia</i> , 2019, 131, 139-147.	1.6	13
69	Narcissistic personality traits and prefrontal brain structure. <i>Scientific Reports</i> , 2021, 11, 15707.	3.3	13
70	Hippocampal metabolism and prefrontal brain structure: A combined 1H-MR spectroscopy, neuropsychological, and voxel-based morphometry (VBM) study. <i>Brain Research</i> , 2017, 1677, 14-19.	2.2	11
71	The association of striatal volume and positive schizotypy in healthy subjects: intelligence as a moderating factor. <i>Psychological Medicine</i> , 2020, 50, 2355-2363.	4.5	11
72	Sexual Regional Dimorphism of Post-Adolescent and Middle Age Brain Maturation. A Multi-center 3T MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 622054.	3.4	11

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73	Brain structural connectivity, anhedonia, and phenotypes of major depressive disorder: A structural equation model approach. <i>Human Brain Mapping</i> , 2021, 42, 5063-5074.	3.6	11
74	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
75	Association of disease course and brain structural alterations in major depressive disorder. <i>Depression and Anxiety</i> , 2022, 39, 441-451.	4.1	11
76	Diffusion tensor imaging of cingulum bundle and corpus callosum in schizophrenia vs. bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 96-100.	1.8	10
77	Apolipoprotein E Homozygous $\epsilon 4$ Allele Status: A Deteriorating Effect on Visuospatial Working Memory and Global Brain Structure. <i>Frontiers in Neurology</i> , 2019, 10, 552.	2.4	10
78	Twin studies of brain structure and cognition in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 109, 103-113.	6.1	10
79	Polygenic risk for schizophrenia and schizotypal traits in non-clinical subjects. <i>Psychological Medicine</i> , 2022, 52, 1069-1079.	4.5	10
80	Brain structural correlates of schizotypal signs and subclinical schizophrenia nuclear symptoms in healthy individuals. <i>Psychological Medicine</i> , 2022, 52, 342-351.	4.5	10
81	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
82	Subclinical Agoraphobia Symptoms and Regional Brain Volumes in Non-clinical Subjects: Between Compensation and Resilience?. <i>Frontiers in Psychiatry</i> , 2018, 9, 541.	2.6	9
83	Cortical Gyrfication, Psychotic-Like Experiences, and Cognitive Performance in Nonclinical Subjects. <i>Schizophrenia Bulletin</i> , 2020, 46, 1524-1534.	4.3	9
84	Brain structure and symptom dimensions in borderline personality disorder. <i>European Psychiatry</i> , 2020, 63, e9.	0.2	9
85	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
86	Association of brain white matter microstructure with cognitive performance in major depressive disorder and healthy controls: a diffusion-tensor imaging study. <i>Molecular Psychiatry</i> , 2022, 27, 1103-1110.	7.9	9
87	Altered amygdalar resting-state connectivity in depression is explained by both genes and environment. <i>Human Brain Mapping</i> , 2015, 36, 3761-3776.	3.6	8
88	Hippocampal Volume as a Putative Marker of Resilience or Compensation to Minor Depressive Symptoms in a Nonclinical Sample. <i>Frontiers in Psychiatry</i> , 2019, 10, 467.	2.6	8
89	DLPFC volume is a neural correlate of resilience in healthy high-risk individuals with both childhood maltreatment and familial risk for depression. <i>Psychological Medicine</i> , 2021, , 1-7.	4.5	8
90	Which traits predict elevated distress during the Covid-19 pandemic? Results from a large, longitudinal cohort study with psychiatric patients and healthy controls. <i>Journal of Affective Disorders</i> , 2022, 297, 18-25.	4.1	8

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91	Association between stressful life events and grey matter volume in the medial prefrontal cortex: A 2â€­year longitudinal study. <i>Human Brain Mapping</i> , 2022, 43, 3577-3584.	3.6	8
92	Effects of a neurodevelopmental genes based polygenic risk score for schizophrenia and single gene variants on brain structure in non-clinical subjects: A preliminary report. <i>Schizophrenia Research</i> , 2019, 212, 225-228.	2.0	7
93	Effects of polygenic risk for major mental disorders and cross-disorder on cortical complexity. <i>Psychological Medicine</i> , 2021, , 1-12.	4.5	7
94	A genome-wide association study of the longitudinal course of executive functions. <i>Translational Psychiatry</i> , 2021, 11, 386.	4.8	7
95	ADC changes in schizophrenia: a diffusion-weighted imaging study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 213-216.	3.2	6
96	Significant repetition probability effects in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 22-29.	1.8	6
97	Cortical Complexity in People at Ultra-High-Risk for Psychosis Moderated by Childhood Trauma. <i>Frontiers in Psychiatry</i> , 2020, 11, 594466.	2.6	6
98	Diffusion tensor imaging in borderline personality disorder showing prefrontal white matter alterations. <i>Comprehensive Psychiatry</i> , 2020, 101, 152172.	3.1	6
99	Genetic risk for psychiatric illness is associated with the number of hospitalizations of bipolar disorder patients. <i>Journal of Affective Disorders</i> , 2022, 296, 532-540.	4.1	6
100	Birth Weight and Adult IQ, but Not Anxious-Depressive Psychopathology, Are Associated with Cortical Surface Area: A Study in Twins. <i>PLoS ONE</i> , 2015, 10, e0129616.	2.5	6
101	Human time perspective and its structural associations with voxel-based morphometry and gyrification. <i>Brain Imaging and Behavior</i> , 2021, 15, 2237-2245.	2.1	5
102	Interaction of developmental factors and ordinary stressful life events on brain structure in adults. <i>NeuroImage: Clinical</i> , 2021, 30, 102683.	2.7	5
103	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thicknessâ€­ENIGMA study in 2436 individuals. <i>Bipolar Disorders</i> , 2022, 24, 509-520.	1.9	5
104	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. <i>Psychological Medicine</i> , 2020, , 1-9.	4.5	4
105	Healthâ€­related Internet use and treatment adherence: A transdiagnostic comparison of outpatients with major depressive disorder and schizophrenia. <i>PsyCh Journal</i> , 2020, 9, 174-184.	1.1	4
106	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021, 11, 192.	4.8	4
107	Association Between Genetic Risk for Type 2 Diabetes and Structural Brain Connectivity in Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 333-340.	1.5	4
108	Targeting Brain Regions and Symptoms: Neuronal Single-Unit Recordings and Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2008, 63, 542-543.	1.3	3

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109	Distress severity in perceptual anomalies moderates the relationship between prefrontal brain structure and psychosis proneness in nonclinical individuals. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1111-1122.	3.2	3
110	Nonclinical psychotic-like experiences and schizotypy dimensions: Associations with hippocampal subfield and amygdala volumes. <i>Human Brain Mapping</i> , 2021, 42, 5075-5088.	3.6	3
111	Associations of subclinical autistic-like traits with brain structural variation using diffusion tensor imaging and voxel-based morphometry. <i>European Psychiatry</i> , 2021, 64, e27.	0.2	3
112	Replication of a hippocampus specific effect of the tescalcin regulating variant rs7294919 on gray matter structure. <i>European Neuropsychopharmacology</i> , 2020, 36, 10-17.	0.7	2
113	Apolipoprotein E homozygous $\epsilon 4$ allele status: Effects on cortical structure and white matter integrity in a young to mid-age sample. <i>European Neuropsychopharmacology</i> , 2021, 46, 93-104.	0.7	2
114	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, , 1.	3.2	2
115	The role of educational attainment and brain morphology in major depressive disorder: Findings from the ENIGMA major depressive disorder consortium.. , 2022, 131, 664-673.		2
116	Narcissistic Traits and Executive Functions. <i>Frontiers in Psychology</i> , 2021, 12, 707887.	2.1	1
117	COVID-19, Stress, and Brain Morphometry: Opportunities and Challenges for Linking Neuroscience, Translational Psychiatry, and Health Services Research. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 246-248.	2.2	1