

# Matea Nikolac Perkovic

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,682  
citations

257450

24  
h-index

345221

36  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2578  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the serotonergic system at the interface of aggression and suicide. <i>Neuroscience</i> , 2013, 236, 160-185.	2.3	86
2	Theranostic Biomarkers for Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 733.	4.1	78
3	The association between brain-derived neurotrophic factor polymorphism (BDNF Val66Met) and suicide. <i>Journal of Affective Disorders</i> , 2011, 128, 287-290.	4.1	74
4	Epigenetics of Alzheimer's Disease. <i>Biomolecules</i> , 2021, 11, 195.	4.0	74
5	Short overview on metabolomic approach and redox changes in psychiatric disorders. <i>Redox Biology</i> , 2018, 14, 178-186.	9.0	70
6	Metabolomics analysis of microbiota-gut-brain axis in neurodegenerative and psychiatric diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113681.	2.8	56
7	The association between brain-derived neurotrophic factor Val66Met variants and psychotic symptoms in posttraumatic stress disorder. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 306-311.	2.6	55
8	The association between galactosylation of immunoglobulin G and body mass index. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 20-25.	4.8	52
9	Association between brain-derived neurotrophic factor Val66Met and obesity in children and adolescents. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 136-140.	4.8	51
10	Genetic Markers of Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1192, 27-52.	1.6	49
11	Monoaminergic and Histaminergic Strategies and Treatments in Brain Diseases. <i>Frontiers in Neuroscience</i> , 2016, 10, 541.	2.8	46
12	Depression: Biological markers and treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110139.	4.8	46
13	Association study of a functional catechol- O-methyltransferase (COMT) Val108/158Met polymorphism and suicide attempts in patients with alcohol dependence. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 377-388.	2.1	41
14	Metabolomic and glycomic findings in posttraumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 181-193.	4.8	38
15	Brain-derived neurotrophic factor Val66Met polymorphism and alcohol-related phenotypes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 193-198.	4.8	37
16	The Association Study of Polymorphisms in DAT, DRD2, and COMT Genes and Acute Extrapyramidal Adverse Effects in Male Schizophrenic Patients Treated With Haloperidol. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 593-599.	1.4	35
17	IL-1 $\beta$ , IL-6, IL-10, and TNF $\alpha$ Single Nucleotide Polymorphisms in Human Influence the Susceptibility to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1029-1047.	2.6	35
18	Human Plasma Glycome in Attention-Deficit Hyperactivity Disorder and Autism Spectrum Disorders. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004200.	3.8	34

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19	Association study of a functional catechol-o-methyltransferase polymorphism and smoking in healthy Caucasian subjects. <i>Neuroscience Letters</i> , 2010, 473, 216-219.	2.1	33
20	Brain derived neurotrophic factor Val66Met polymorphism and psychotic symptoms in Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 356-362.	4.8	31
21	Catechol-O-methyltransferase, Cognition and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 408-419.	1.4	31
22	Association of gene polymorphisms encoding dopaminergic system components and platelet MAO-B activity with alcohol dependence and alcohol dependence-related phenotypes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 321-327.	4.8	30
23	A prospective, longitudinal study of platelet serotonin and plasma brain-derived neurotrophic factor concentrations in major depression: effects of vortioxetine treatment. <i>Psychopharmacology</i> , 2016, 233, 3259-3267.	3.1	30
24	Association between the brain-derived neurotrophic factor Val66Met polymorphism and therapeutic response to olanzapine in schizophrenia patients. <i>Psychopharmacology</i> , 2014, 231, 3757-3764.	3.1	28
25	Haplotypic and Genotypic Association of Catechol-O-Methyltransferase rs4680 and rs4818 Polymorphisms and Treatment Resistance in Schizophrenia. <i>Frontiers in Pharmacology</i> , 2018, 9, 705.	3.5	26
26	Effect of vortioxetine vs. escitalopram on plasma BDNF and platelet serotonin in depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110016.	4.8	21
27	Biomarkers of aggression in dementia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 125-130.	4.8	20
28	Cortisol in schizophrenia: No association with tobacco smoking, clinical symptoms or antipsychotic medication. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 77, 228-235.	4.8	20
29	Association of <i>MAPT</i> haplotype-tagging polymorphisms with cerebrospinal fluid biomarkers of Alzheimer's disease: A preliminary study in a Croatian cohort. <i>Brain and Behavior</i> , 2018, 8, e01128.	2.2	20
30	The association between catechol-o-methyl-transferase Val <sup>108/158</sup> Met polymorphism and suicide. <i>Genes, Brain and Behavior</i> , 2011, 10, 565-569.	2.2	19
31	Monoamine oxidase and agitation in psychiatric patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 131-146.	4.8	19
32	Association between reduced brain-derived neurotrophic factor concentration & coronary heart disease. <i>Indian Journal of Medical Research</i> , 2019, 150, 43.	1.0	18
33	Significant association between catechol-O-methyltransferase (COMT) Val158/108Met polymorphism and cognitive function in veterans with PTSD. <i>Neuroscience Letters</i> , 2018, 666, 38-43.	2.1	16
34	Genetic Variants of the Brain-Derived Neurotrophic Factor and Metabolic Indices in Veterans With Posttraumatic Stress Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 637.	2.6	16
35	Relationships of Cerebrospinal Fluid Alzheimer's Disease Biomarkers and COMT, DBH, and MAOB Single Nucleotide Polymorphisms. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 135-145.	2.6	16
36	HTR1A, HTR1B, HTR2A, HTR2C and HTR6 Gene Polymorphisms and Extrapyramidal Side Effects in Haloperidol-Treated Patients with Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2345.	4.1	16

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37	Dipeptidyl peptidase-4 activity is associated with urine albumin excretion in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 218-222.	2.3	15
38	Association of GABAA receptor $\alpha 2$ subunit gene (GABRA2) with alcohol dependence-related aggressive behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 63, 119-125.	4.8	14
39	Metabolomics in posttraumatic stress disorder: Untargeted metabolomic analysis of plasma samples from Croatian war veterans. <i>Free Radical Biology and Medicine</i> , 2021, 162, 636-641.	2.9	14
40	The Association of Essential Metals with APOE Genotype in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 661-672.	2.6	14
41	Platelet monoamine oxidase type B, MAOB intron 13 and MAOA-uVNTR polymorphism and symptoms of post-traumatic stress disorder. <i>Stress</i> , 2016, 19, 362-373.	1.8	13
42	Catechol-O-methyltransferase rs4680 and rs4818 haplotype association with treatment response to olanzapine in patients with schizophrenia. <i>Scientific Reports</i> , 2020, 10, 10049.	3.3	13
43	The lack of association between catechol-O-methyl-transferase Val108/158Met polymorphism and smoking in schizophrenia and alcohol dependence. <i>Psychiatry Research</i> , 2013, 205, 179-180.	3.3	12
44	Lack of association between brain-derived neurotrophic factor Val66Met polymorphism and body mass index change over time in healthy adults. <i>Neuroscience Letters</i> , 2013, 545, 127-131.	2.1	12
45	Association between the polymorphisms of the selected genes encoding dopaminergic system with ADHD and autism. <i>Psychiatry Research</i> , 2014, 215, 260-261.	3.3	12
46	No association between the serotonin transporter linked polymorphic region polymorphism and severity of posttraumatic stress disorder symptoms in combat veterans with or without comorbid depression. <i>Psychiatry Research</i> , 2016, 244, 376-381.	3.3	12
47	N-glycomic Profile in Combat Related Post-Traumatic Stress Disorder. <i>Biomolecules</i> , 2019, 9, 834.	4.0	12
48	Insomnia, platelet serotonin and platelet monoamine oxidase in chronic alcoholism. <i>Neuroscience Letters</i> , 2011, 500, 172-176.	2.1	11
49	The association between the catechol-O-methyltransferase Val108/158Met polymorphism and hyperactive-impulsive and inattentive symptoms in youth. <i>Psychopharmacology</i> , 2013, 230, 69-76.	3.1	11
50	BDNF Val66Met polymorphism and clinical response to antipsychotic treatment in schizophrenia and schizoaffective disorder patients: a meta-analysis. <i>Pharmacogenomics Journal</i> , 2019, 19, 269-276.	2.0	11
51	Dehydroepiandrosterone (DHEA) and its Sulphate (DHEAS) in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 17, 141-157.	1.4	11
52	Suicide attempt, smoking, comorbid depression, and platelet serotonin in Alcohol dependence. <i>Alcohol</i> , 2011, 45, 209-216.	1.7	10
53	Association of Lipid Peroxidation Product 4-Hydroxynonenal with Post-Traumatic Stress Disorder. <i>Biomolecules</i> , 2021, 11, 1365.	4.0	10
54	The influence of dopamine-beta-hydroxylase and catechol O-methyltransferase gene polymorphism on the efficacy of insulin detemir therapy in patients with type 2 diabetes mellitus. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 97.	2.7	8

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55	The association between HTR1B gene rs13212041 polymorphism and onset of alcohol abuse. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 339-347.	2.2	8
56	The impact of BDNF Val66Met on cognitive skills in veterans with posttraumatic stress disorder. <i>Neuroscience Letters</i> , 2020, 735, 135235.	2.1	8
57	Distinct association of plasma BDNF concentration and cognitive function in depressed patients treated with vortioxetine or escitalopram. <i>Psychopharmacology</i> , 2021, 238, 1575-1584.	3.1	8
58	Alcohol-related phenotypes and platelet serotonin concentration. <i>Alcohol</i> , 2021, 97, 41-49.	1.7	8
59	Searching for glycomic biomarkers for predicting resilience and vulnerability in a rat model of posttraumatic stress disorder. <i>Stress</i> , 2020, 23, 715-731.	1.8	7
60	Plasma Brain-Derived Neurotrophic Factor (BDNF) Concentration and BDNF/TrkB Gene Polymorphisms in Croatian Adults with Asthma. <i>Journal of Personalized Medicine</i> , 2020, 10, 189.	2.5	7
61	Serotonin 5-HT2A receptor polymorphisms are associated with irritability and aggression in conduct disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 117, 110542.	4.8	7
62	Genotypic and haplotypic associations of catechol-O-methyltransferase (COMT) rs4680 and rs4818 with salivary cortisol in patients with schizophrenia. <i>Psychiatry Research</i> , 2018, 259, 262-264.	3.3	6
63	Moderating Effects of BDNF Genetic Variants and Smoking on Cognition in PTSD Veterans. <i>Biomolecules</i> , 2021, 11, 641.	4.0	6
64	Dipeptidyl peptidase-4 activity might be a link between tumour necrosis factor alpha and insulin resistance in type 1 diabetes. <i>Endocrine</i> , 2016, 53, 453-458.	2.3	5
65	THE ASSOCIATION BETWEEN SEROTONIN TRANSPORTER POLYMORPHISM, PLATELET SEROTONIN CONCENTRATION AND INSOMNIA IN NON-DEPRESSED VETERANS WITH POSTTRAUMATIC STRESS DISORDER. <i>Psychiatria Danubina</i> , 2019, 31, 78-87.	0.4	5
66	Detention in Juvenile Correctional Facilities Is Associated with Higher Platelet Monoamine Oxidase B Activity in Males. <i>Biomolecules</i> , 2020, 10, 1555.	4.0	4
67	A Load to Find Clinically Useful Biomarkers for Depression. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1305, 175-202.	1.6	4
68	Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 631-653.	0.7	3
69	Association of the MAOB rs1799836 Single Nucleotide Polymorphism and APOE $\epsilon$ 4 Allele in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 18, 585-594.	1.4	3
70	The association between BDNF C270T genetic variants and smoking in patients with mental disorders and in healthy controls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110452.	4.8	2
71	Antipsychotics do not affect platelet serotonin in schizophrenic patients. <i>Translational Neuroscience</i> , 2012, 3, 56-60.	1.4	1
72	The lack of effect of ziprasidone on platelet serotonin concentration in schizophrenic patients. <i>Psychopharmacology</i> , 2012, 219, 1179-1181.	3.1	1

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73	Biomarkers of Depression: Potential Diagnostic Tools. , 2018, , 35-51.		1
74	The lack of association between COMT rs4680 polymorphism and symptomatic remission to olanzapine monotherapy in male schizophrenic patients: A longitudinal study. Psychiatry Research, 2019, 279, 389-390.	3.3	1
75	Childhood trauma types and symptom severity in Croatian war veterans suffering from posttraumatic stress disorder (PTSD). Psychiatry Research, 2020, 284, 112762.	3.3	1
76	Significant association of mu-opioid receptor 1 haplotype with tobacco smoking in healthy control subjects but not in patients with schizophrenia and alcohol dependence. Psychiatry Research, 2020, 291, 113278.	3.3	1
77	Neurotransmitter and neurotrophic biomarkers in combat-related posttraumatic stress disorder. , 2019, , 467-481.		1
78	Reduced Platelet MAO-B Activity Is Associated with Psychotic, Positive, and Depressive Symptoms in PTSD. Biomolecules, 2022, 12, 736.	4.0	1
79	Genetic and Epigenetic Association of Hepatocyte Nuclear Factor-1 $\alpha$ with Glycosylation in Post-Traumatic Stress Disorder. Genes, 2022, 13, 1063.	2.4	1
80	P.218 Glycomic and genetic biomarkers of posttraumatic stress disorder. European Neuropsychopharmacology, 2019, 29, S168-S169.	0.7	0