

# Dubravka Svob Strac

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81  
papers

1,019  
citations

17  
h-index

27  
g-index

84  
ext. papers

1,281  
ext. citations

4.4  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
81	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> , <b>2022</b> , 113, 110452	5.5	1
80	Serotonin 5-HT receptor polymorphisms are associated with irritability and aggression in conduct disorder.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2022</b> , 117, 110542	5.5	2
79	Reduced Platelet MAO-B Activity Is Associated with Psychotic, Positive, and Depressive Symptoms in PTSD. <i>Biomolecules</i> , <b>2022</b> , 12, 736	5.9	
78	Moderating Effects of BDNF Genetic Variants and Smoking on Cognition in PTSD Veterans. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	2
77	Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2021</b> , 14, 631-653	2.1	
76	Effect of vortioxetine vs. escitalopram on plasma BDNF and platelet serotonin in depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 105, 110016	5.5	8
75	Depression: Biological markers and treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 105, 110139	5.5	17
74	Metabolomics in posttraumatic stress disorder: Untargeted metabolomic analysis of plasma samples from Croatian war veterans. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 162, 636-641	7.8	8
73	Metabolomics analysis of microbiota-gut-brain axis in neurodegenerative and psychiatric diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 194, 113681	3.5	19
72	A Load to Find Clinically Useful Biomarkers for Depression. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1305, 175-202	3.6	2
71	Epigenetics of Alzheimer's Disease. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	16
70	Association of the MAOB rs1799836 Single Nucleotide Polymorphism and APOE ε Allele in Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2021</b> , 18, 585-594	3	
69	Alcohol-related phenotypes and platelet serotonin concentration. <i>Alcohol</i> , <b>2021</b> , 97, 41-49	2.7	4
68	IL-1β, IL-6, IL-10, and TNF-α Single Nucleotide Polymorphisms in Human Influence the Susceptibility to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 75, 1029-1047	4.3	14
67	Catechol-O-methyltransferase rs4680 and rs4818 haplotype association with treatment response to olanzapine in patients with schizophrenia. <i>Scientific Reports</i> , <b>2020</b> , 10, 10049	4.9	5
66	The impact of BDNF Val66Met on cognitive skills in veterans with posttraumatic stress disorder. <i>Neuroscience Letters</i> , <b>2020</b> , 735, 135235	3.3	4
65	and Gene Polymorphisms and Extrapyramidal Side Effects in Haloperidol-Treated Patients with Schizophrenia. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7

64	Dehydroepiandrosterone (DHEA) and its Sulphate (DHEAS) in Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2020</b> , 17, 141-157	3	3
63	Childhood trauma types and symptom severity in Croatian war veterans suffering from posttraumatic stress disorder (PTSD). <i>Psychiatry Research</i> , <b>2020</b> , 284, 112762	9.9	
62	Relationships of Cerebrospinal Fluid Alzheimer's Disease Biomarkers and COMT, DBH, and MAOB Single Nucleotide Polymorphisms. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 135-145	4.3	8
61	Detention in Juvenile Correctional Facilities Is Associated with Higher Platelet Monoamine Oxidase B Activity in Males. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
60	Plasma Brain-Derived Neurotrophic Factor (BDNF) Concentration and / Gene Polymorphisms in Croatian Adults with Asthma. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	2
59	Significant association of mu-opioid receptor 1 haplotype with tobacco smoking in healthy control subjects but not in patients with schizophrenia and alcohol dependence. <i>Psychiatry Research</i> , <b>2020</b> , 291, 113278	9.9	
58	Metabolomic and glycomic findings in posttraumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 88, 181-193	5.5	23
57	The Association between Serotonin Transporter Polymorphism, Platelet Serotonin Concentration and Insomnia in Non-Depressed Veterans with Posttraumatic Stress Disorder. <i>Psychiatria Danubina</i> , <b>2019</b> , 31, 78-87	1.8	2
56	Association between reduced brain-derived neurotrophic factor concentration & coronary heart disease. <i>Indian Journal of Medical Research</i> , <b>2019</b> , 150, 43-49	2.9	10
55	Neurotransmitter and neurotrophic biomarkers in combat-related posttraumatic stress disorder <b>2019</b> , 467-481		1
54	Genetic Markers in Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1192, 53-93	3.6	2
53	The association between gene rs13212041 polymorphism and onset of alcohol abuse. <i>Neuropsychiatric Disease and Treatment</i> , <b>2019</b> , 15, 339-347	3.1	5
52	N-glycomic Profile in Combat Related Post-Traumatic Stress Disorder. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	4
51	Latent <i>Toxoplasma gondii</i> infection is associated with decreased serum triglyceride to high-density lipoprotein cholesterol ratio in male patients with schizophrenia. <i>Comprehensive Psychiatry</i> , <b>2018</b> , 82, 115-120	7.3	4
50	Biomarkers of Depression: Potential Diagnostic Tools <b>2018</b> , 35-51		1
49	Short overview on metabolomic approach and redox changes in psychiatric disorders. <i>Redox Biology</i> , <b>2018</b> , 14, 178-186	11.3	45
48	Haplotypic and Genotypic Association of Catechol-Methyltransferase rs4680 and rs4818 Polymorphisms and Treatment Resistance in Schizophrenia. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 705	5.6	18
47	Catechol-O-methyltransferase, Cognition and Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2018</b> , 15, 408-419	3	18

46	Significant association between catechol-O-methyltransferase (COMT) ValMet polymorphism and cognitive function in veterans with PTSD. <i>Neuroscience Letters</i> , <b>2018</b> , 666, 38-43	3.3	13
45	Genotypic and haplotypic associations of catechol-O-methyltransferase (COMT) rs4680 and rs4818 with salivary cortisol in patients with schizophrenia. <i>Psychiatry Research</i> , <b>2018</b> , 259, 262-264	9.9	5
44	Increased prevalence of <i>Toxoplasma gondii</i> seropositivity in patients with treatment-resistant schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 193, 480-481	3.6	9
43	Genetic Variants of the Brain-Derived Neurotrophic Factor and Metabolic Indices in Veterans With Posttraumatic Stress Disorder. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 637	5	10
42	Introductory Chapter: GABA/Glutamate Balance: A Key for Normal Brain Functioning <b>2018</b> ,		5
41	Cortisol in schizophrenia: No association with tobacco smoking, clinical symptoms or antipsychotic medication. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 77, 228-235	5.5	16
40	Neurosteroid dehydroepiandrosterone improves active avoidance retrieval and induces antidepressant-like behavior in rats. <i>Neuroscience Letters</i> , <b>2017</b> , 660, 17-21	3.3	8
39	Theranostic Biomarkers for Schizophrenia. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	53
38	The Benefit and Future of Pharmacogenetics <b>2017</b> , 697-711		1
37	A prospective, longitudinal study of platelet serotonin and plasma brain-derived neurotrophic factor concentrations in major depression: effects of vortioxetine treatment. <i>Psychopharmacology</i> , <b>2016</b> , 233, 3259-67	4.7	22
36	Monoamine oxidase and agitation in psychiatric patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 69, 131-46	5.5	15
35	New tools for neuroenhancement - what about neuroethics?. <i>Croatian Medical Journal</i> , <b>2016</b> , 57, 392-4	1.6	
34	Effects of acute and chronic administration of neurosteroid dehydroepiandrosterone sulfate on neuronal excitability in mice. <i>Drug Design, Development and Therapy</i> , <b>2016</b> , 10, 1201-15	4.4	3
33	Benzodiazepines and Anxiety Disorders: From Laboratory to Clinic <b>2016</b> ,		2
32	Monoaminergic Mechanisms in Epilepsy May Offer Innovative Therapeutic Opportunity for Monoaminergic Multi-Target Drugs. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 492	5.1	37
31	Monoaminergic and Histaminergic Strategies and Treatments in Brain Diseases. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 541	5.1	35
30	Non-Pharmacological Tools for Neuroenhancement. Neuroethical Issues. <i>Synthesis Philosophica</i> , <b>2016</b> , 31, 181-194	0.1	
29	Platelet monoamine oxidase type B, MAOB intron 13 and MAOA-uVNTR polymorphism and symptoms of post-traumatic stress disorder. <i>Stress</i> , <b>2016</b> , 19, 362-73	3	9

28	The serotonergic system and cognitive function. <i>Translational Neuroscience</i> , <b>2016</b> , 7, 35-49	1.2	101
27	Association of GABAA receptor $\alpha$ subunit gene (GABRA2) with alcohol dependence-related aggressive behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 63, 119-25	5.5	11
26	Neurotransmitter measures in the cerebrospinal fluid of patients with Alzheimer's disease: a review. <i>Psychiatria Danubina</i> , <b>2015</b> , 27, 14-24	1.8	30
25	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , <b>2014</b> , 55, 347-65	1.6	28
24	The effects of zolpidem treatment on GABA(A) receptors in cultured cerebellar granule cells: changes in functional coupling. <i>Life Sciences</i> , <b>2012</b> , 90, 889-94	6.8	3
23	DMCM, a benzodiazepine site inverse agonist, improves active avoidance and motivation in the rat. <i>Behavioural Brain Research</i> , <b>2012</b> , 235, 195-9	3.4	11
22	Differential effects of short- and long-term zolpidem treatment on recombinant $\alpha$ 2 $\gamma$ 5 subtype of GABA(A) receptors in vitro. <i>Acta Pharmacologica Sinica</i> , <b>2012</b> , 33, 1469-76	8	5
21	The involvement of noradrenergic mechanisms in the suppressive effects of diazepam on the hypothalamic-pituitary-adrenal axis activity in female rats. <i>Croatian Medical Journal</i> , <b>2012</b> , 53, 214-23	1.6	2
20	Modulation of recombinant GABA(A) receptors by neurosteroid dehydroepiandrosterone sulfate. <i>Pharmacology</i> , <b>2012</b> , 89, 163-71	2.3	11
19	The effects of zolpidem treatment and withdrawal on the in vitro expression of recombinant $\alpha$ 1 $\beta$ 2 $\gamma$ 2s GABA(A) receptors expressed in HEK 293 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2010</b> , 382, 201-12	3.4	6
18	Differential effects of diazepam treatment and withdrawal on recombinant GABAA receptor expression and functional coupling. <i>Brain Research</i> , <b>2008</b> , 1246, 29-40	3.7	15
17	The role of transcriptional and translational mechanisms in flumazenil-induced up-regulation of recombinant GABA(A) receptors. <i>Neuroscience Research</i> , <b>2008</b> , 61, 234-41	2.9	9
16	Sedative and anticonvulsant effects of zolpidem in adult and aged mice. <i>Journal of Neural Transmission</i> , <b>2008</b> , 115, 795-802	4.3	9
15	The role of 5-HT(7) receptors in the control of seizures. <i>Brain Research</i> , <b>2007</b> , 1141, 48-55	3.7	26
14	Interaction of diazepam and swim stress. <i>Brain Research</i> , <b>2007</b> , 1184, 81-7	3.7	6
13	Allosteric uncoupling and up-regulation of benzodiazepine and GABA recognition sites following chronic diazepam treatment of HEK 293 cells stably transfected with $\alpha$ 1 $\beta$ 2 $\gamma$ 2S subunits of GABA (A) receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2007</b> , 375, 177-87	3.4	15
12	Zimelidine decreases seizure susceptibility in stressed mice. <i>Journal of Neural Transmission</i> , <b>2006</b> , 113, 1863-71	4.3	8
11	Chronic treatment with flumazenil enhances binding sites for convulsants at recombinant $\alpha$ (1) $\beta$ (2) $\gamma$ (2S) GABA(A) receptors. <i>Biomedicine and Pharmacotherapy</i> , <b>2005</b> , 59, 408-14	7.5	5

10	Enhancement of benzodiazepine binding sites following chronic treatment with flumazenil. <i>European Journal of Pharmacology</i> , <b>2005</b> , 507, 7-13	5.3	9
9	Stimulation of 5-HT 1A receptors increases the seizure threshold for picrotoxin in mice. <i>European Journal of Pharmacology</i> , <b>2005</b> , 527, 105-10	5.3	32
8	Anticonvulsant effects of acute and repeated fluoxetine treatment in unstressed and stressed mice. <i>Brain Research</i> , <b>2005</b> , 1033, 90-5	3.7	29
7	Chronic exposure of cells expressing recombinant GABAA receptors to benzodiazepine antagonist flumazenil enhances the maximum number of benzodiazepine binding sites. <i>Life Sciences</i> , <b>2004</b> , 76, 303-17	6.8	9
6	Prolonged exposure to gamma-aminobutyric acid up-regulates stably expressed recombinant alpha 1 beta 2 gamma 2s GABAA receptors. <i>European Journal of Pharmacology</i> , <b>2003</b> , 482, 117-25	5.3	15
5	Interaction of stress and noradrenergic drugs in the control of picrotoxin-induced seizures. <i>Epilepsy Research</i> , <b>2002</b> , 51, 179-87	3	5
4	The involvement of alpha2-adrenoceptors in the anticonvulsive effect of swim stress in mice. <i>Psychopharmacology</i> , <b>2001</b> , 158, 87-93	4.7	15
3	Swim stress alters the behavioural response of mice to GABA-related and some GABA-unrelated convulsants. <i>Epilepsy Research</i> , <b>2001</b> , 43, 145-52	3	35
2	Anticonvulsive effect of swim stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 66, 879-86	3.9	49
1	Beta-1 adrenoceptor antagonists potentiate the anticonvulsive effect of swim stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 67, 507-10	3.9	16