

Dubravka Svob Strac

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,557
citations

361045

20
h-index

377514

34
g-index

84
all docs

84
docs citations

84
times ranked

2094
citing authors

#	ARTICLE	IF	CITATIONS
1	The serotonergic system and cognitive function. <i>Translational Neuroscience</i> , 2016, 7, 35-49.	0.7	167
2	Theranostic Biomarkers for Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 733.	1.8	78
3	Epigenetics of Alzheimer's Disease. <i>Biomolecules</i> , 2021, 11, 195.	1.8	74
4	Short overview on metabolomic approach and redox changes in psychiatric disorders. <i>Redox Biology</i> , 2018, 14, 178-186.	3.9	70
5	Monoaminergic Mechanisms in Epilepsy May Offer Innovative Therapeutic Opportunity for Monoaminergic Multi-Target Drugs. <i>Frontiers in Neuroscience</i> , 2016, 10, 492.	1.4	62
6	Metabolomics analysis of microbiota-gut-brain axis in neurodegenerative and psychiatric diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113681.	1.4	56
7	Anticonvulsive Effect of Swim Stress in Mice. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 66, 879-886.	1.3	51
8	Monoaminergic and Histaminergic Strategies and Treatments in Brain Diseases. <i>Frontiers in Neuroscience</i> , 2016, 10, 541.	1.4	46
9	Depression: Biological markers and treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110139.	2.5	46
10	Metabolomic and glycomic findings in posttraumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 181-193.	2.5	38
11	Swim stress alters the behavioural response of mice to GABA-related and some GABA-unrelated convulsants. <i>Epilepsy Research</i> , 2001, 43, 145-152.	0.8	36
12	Stimulation of 5-HT _{1A} receptors increases the seizure threshold for picrotoxin in mice. <i>European Journal of Pharmacology</i> , 2005, 527, 105-110.	1.7	35
13	Anticonvulsant effects of acute and repeated fluoxetine treatment in unstressed and stressed mice. <i>Brain Research</i> , 2005, 1033, 90-95.	1.1	35
14	IL-1 β , 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> , 2020, 75, 1029-1047.	1.2	35
15	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , 2014, 55, 347-365.	0.2	34
16	Neurotransmitter measures in the cerebrospinal fluid of patients with Alzheimer's disease: a review. <i>Psychiatria Danubina</i> , 2015, 27, 14-24.	0.2	32
17	Catechol-O-methyltransferase, Cognition and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 408-419.	0.7	31
18	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.	1.5	30

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19	The role of 5-HT7 receptors in the control of seizures. <i>Brain Research</i> , 2007, 1141, 48-55.	1.1	28
20	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.	1.6	26
21	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.	2.5	21
22	Differential effects of diazepam treatment and withdrawal on recombinant GABAA receptor expression and functional coupling. <i>Brain Research</i> , 2008, 1246, 29-40.	1.1	20
23	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.	2.5	20
24	Monoamine oxidase and agitation in psychiatric patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 131-146.	2.5	19
25	Association between reduced brain-derived neurotrophic factor concentration & coronary heart disease. <i>Indian Journal of Medical Research</i> , 2019, 150, 43.	0.4	18
26	Beta-1 adrenoceptor antagonists potentiate the anticonvulsive effect of swim stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 67, 507-510.	1.3	17
27	Prolonged exposure to $\hat{1}^3$ -aminobutyric acid up-regulates stably expressed recombinant $\hat{1}^{\pm}1^{\hat{1}^2}2^{\hat{1}^3}2s$ GABAA receptors. <i>European Journal of Pharmacology</i> , 2003, 482, 117-125.	1.7	17
28	Allosteric uncoupling and up-regulation of benzodiazepine and GABA recognition sites following chronic diazepam treatment of HEK 293 cells stably transfected with $\hat{1}^{\pm}1^{\hat{1}^2}2^{\hat{1}^3}2S$ subunits of GABAA receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 375, 177-187.	1.4	17
29	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.	1.0	16
30	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.	1.3	16
31	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.	1.2	16
32	HTR1A, HTR1B, HTR2A, HTR2C and HTR6 Gene Polymorphisms and Extrapyrmidal Side Effects in Haloperidol-Treated Patients with Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2345.	1.8	16
33	The involvement of $\hat{1}^{\pm}2$ -adrenoceptors in the anticonvulsive effect of swim stress in mice. <i>Psychopharmacology</i> , 2001, 158, 87-93.	1.5	15
34	Modulation of Recombinant GABA_A/> Receptors by Neurosteroid Dehydroepiandrosterone Sulfate. <i>Pharmacology</i> , 2012, 89, 163-171.	0.9	14
35	DMCM, a benzodiazepine site inverse agonist, improves active avoidance and motivation in the rat. <i>Behavioural Brain Research</i> , 2012, 235, 195-199.	1.2	14
36	Association of GABAA receptor $\hat{1}^{\pm}2$ subunit gene (GABRA2) with alcohol dependence-related aggressive behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 63, 119-125.	2.5	14

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37	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.	1.3	14
38	Platelet monoamine oxidase type B, <i>MAOB</i> intron 13 and <i>MAOA</i> -uVNTR polymorphism and symptoms of post-traumatic stress disorder. <i>Stress</i> , 2016, 19, 362-373.	0.8	13
39	Catechol-O-methyltransferase rs4680 and rs4818 haplotype association with treatment response to olanzapine in patients with schizophrenia. <i>Scientific Reports</i> , 2020, 10, 10049.	1.6	13
40	Increased prevalence of <i>Toxoplasma gondii</i> seropositivity in patients with treatment-resistant schizophrenia. <i>Schizophrenia Research</i> , 2018, 193, 480-481.	1.1	12
41	N-glycomic Profile in Combat Related Post-Traumatic Stress Disorder. <i>Biomolecules</i> , 2019, 9, 834.	1.8	12
42	Neurosteroid dehydroepiandrosterone improves active avoidance retrieval and induces antidepressant-like behavior in rats. <i>Neuroscience Letters</i> , 2017, 660, 17-21.	1.0	11
43	Dehydroepiandrosterone (DHEA) and its Sulphate (DHEAS) in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 17, 141-157.	0.7	11
44	Enhancement of benzodiazepine binding sites following chronic treatment with flumazenil. <i>European Journal of Pharmacology</i> , 2005, 507, 7-13.	1.7	10
45	The role of transcriptional and translational mechanisms in flumazenil-induced up-regulation of recombinant GABAA receptors. <i>Neuroscience Research</i> , 2008, 61, 234-241.	1.0	10
46	Chronic exposure of cells expressing recombinant GABAA receptors to benzodiazepine antagonist flumazenil enhances the maximum number of benzodiazepine binding sites. <i>Life Sciences</i> , 2004, 76, 303-317.	2.0	9
47	Sedative and anticonvulsant effects of zolpidem in adult and aged mice. <i>Journal of Neural Transmission</i> , 2008, 115, 795-802.	1.4	9
48	Zimelidine decreases seizure susceptibility in stressed mice. <i>Journal of Neural Transmission</i> , 2006, 113, 1863-1871.	1.4	8
49	Interaction of diazepam and swim stress. <i>Brain Research</i> , 2007, 1184, 81-87.	1.1	8
50	The effects of zolpidem treatment on GABAA receptors in cultured cerebellar granule cells: Changes in functional coupling. <i>Life Sciences</i> , 2012, 90, 889-894.	2.0	8
51	Introductory Chapter: GABA/Glutamate Balance: A Key for Normal Brain Functioning. , 0, ,		8
52	The association between <i>HTR1B</i> gene rs13212041 polymorphism and onset of alcohol abuse. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 339-347.	1.0	8
53	The impact of BDNF Val66Met on cognitive skills in veterans with posttraumatic stress disorder. <i>Neuroscience Letters</i> , 2020, 735, 135235.	1.0	8
54	Alcohol-related phenotypes and platelet serotonin concentration. <i>Alcohol</i> , 2021, 97, 41-49.	0.8	8

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55	The effects of zolpidem treatment and withdrawal on the in vitro expression of recombinant $\alpha 1\alpha 2\alpha 3$ GABAA receptors expressed in HEK 293 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 382, 201-212.	1.4	7
56	Differential effects of short- and long-term zolpidem treatment on recombinant $\alpha 1\alpha 2\alpha 3$ subtype of GABAA receptors in vitro. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1469-1476.	2.8	7
57	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.	1.1	7
58	Serotonin 5-HT _{2A} receptor polymorphisms are associated with irritability and aggression in conduct disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 117, 110542.	2.5	7
59	Interaction of stress and noradrenergic drugs in the control of picrotoxin-induced seizures. <i>Epilepsy Research</i> , 2002, 51, 179-187.	0.8	6
60	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> , 2018, 82, 115-120.	1.5	6
61	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.	1.7	6
62	Moderating Effects of BDNF Genetic Variants and Smoking on Cognition in PTSD Veterans. <i>Biomolecules</i> , 2021, 11, 641.	1.8	6
63	Chronic treatment with flumazenil enhances binding sites for convulsants at recombinant $\alpha 1\alpha 2\alpha 3$ GABAA receptors. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 408-414.	2.5	5
64	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.	0.2	5
65	Effects of acute and chronic administration of neurosteroid dehydroepiandrosterone sulfate on neuronal excitability in mice. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1201.	2.0	4
66	Detention in Juvenile Correctional Facilities Is Associated with Higher Platelet Monoamine Oxidase B Activity in Males. <i>Biomolecules</i> , 2020, 10, 1555.	1.8	4
67	A Load to Find Clinically Useful Biomarkers for Depression. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1305, 175-202.	0.8	4
68	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> , 2012, 53, 214-223.	0.2	3
69	Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 631-653.	0.4	3
70	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.	0.7	3
71	Benzodiazepines and Anxiety Disorders: From Laboratory to Clinic. , 2016, , .		2
72	Genetic Markers in Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1192, 53-93.	0.8	2

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73	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.	2.5	2
74	The GABA _A receptor $\alpha 2$ subunit gene (GABRA2) is associated with alcohol-related behavior. <i>BMC Pharmacology & Toxicology</i> , 2012, 13, .	1.0	1
75	Biomarkers of Depression: Potential Diagnostic Tools. , 2018, , 35-51.		1
76	Childhood trauma types and symptom severity in Croatian war veterans suffering from posttraumatic stress disorder (PTSD). <i>Psychiatry Research</i> , 2020, 284, 112762.	1.7	1
77	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> , 2020, 291, 113278.	1.7	1
78	Neurotransmitter and neurotrophic biomarkers in combat-related posttraumatic stress disorder. , 2019, , 467-481.		1
79	The Benefit and Future of Pharmacogenetics. , 2017, , 697-711.		1
80	Reduced Platelet MAO-B Activity Is Associated with Psychotic, Positive, and Depressive Symptoms in PTSD. <i>Biomolecules</i> , 2022, 12, 736.	1.8	1
81	Genetic and Epigenetic Association of Hepatocyte Nuclear Factor-1 α with Glycosylation in Post-Traumatic Stress Disorder. <i>Genes</i> , 2022, 13, 1063.	1.0	1
82	New tools for neuroenhancement “ what about neuroethics?. <i>Croatian Medical Journal</i> , 2016, 57, 392-394.	0.2	0
83	Non-Pharmacological Tools for Neuroenhancement. <i>Neuroethical Issues. Synthesis Philosophica</i> , 2016, 31, 181-194.	0.1	0