

# Larisa Bobrovskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

2,540  
citations

218677

26  
h-index

214800

47  
g-index

97  
all docs

97  
docs citations

97  
times ranked

5474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimmunological complications arising from chemotherapy-induced gut toxicity and opioid exposure in female dark agouti rats. <i>Journal of Neuroscience Research</i> , 2022, 100, 237-250.	2.9	3
2	Lipopolysaccharide mouse models for Parkinson's disease research: a critical appraisal. <i>Neural Regeneration Research</i> , 2022, 17, 2413.	3.0	5
3	The role of brain-derived neurotrophic factor and the neurotrophin receptor p75NTR in age-related brain atrophy and the transition to Alzheimer's disease. <i>Reviews in the Neurosciences</i> , 2022, 33, 515-529.	2.9	7
4	Effects of corticosterone on BDNF expression and mood behaviours in mice. <i>Physiology and Behavior</i> , 2022, 247, 113721.	2.1	15
5	Conversion of Human Fibroblasts into Induced Neural Stem Cells by Small Molecules. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1740.	4.1	2
6	The Effects of Stress and Diet on the "Brain-Gut" and "Gut-Brain" Pathways in Animal Models of Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2013.	4.1	18
7	ProBDNF Acts as an Angiogenesis Inhibitor. <i>Journal of Biosciences and Medicines</i> , 2022, 10, 219-235.	0.2	0
8	Long term high fat diet induces metabolic disorders and aggravates behavioral disorders and cognitive deficits in MAPT P301L transgenic mice. <i>Metabolic Brain Disease</i> , 2022, 37, 1941-1957.	2.9	8
9	Blockage of p75NTR ameliorates depressive-like behaviours of mice under chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2021, 396, 112905.	2.2	7
10	Analysis of blood mature BDNF and proBDNF in mood disorders with specific ELISA assays. <i>Journal of Psychiatric Research</i> , 2021, 133, 166-173.	3.1	18
11	Pharmacokinetic Modelling of Human Recombinant Protein, p75ECD-Fc: A Novel Therapeutic Approach for Treatment of Alzheimer's Disease, in Serum and Tissue of Sprague Dawley Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 235-248.	1.6	1
12	Characterization of Urine Stem Cell-Derived Extracellular Vesicles Reveals B Cell Stimulating Cargo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 459.	4.1	14
13	Effect of Sutellarin on Neurogenesis in Neonatal Hypoxia-Ischemia Rat Model: Potential Mechanisms of Action. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 677-703.	3.8	9
14	A New Approach to Model Sporadic Alzheimer's Disease by Intracerebroventricular Streptozotocin Injection in APP/PS1 Mice. <i>Molecular Neurobiology</i> , 2021, 58, 3692-3711.	4.0	10
15	The efficacy of systemic administration of lipopolysaccharide in modelling pre-motor Parkinson's disease in C57BL/6 mice. <i>NeuroToxicology</i> , 2021, 85, 254-264.	3.0	8
16	Further Characterization of Intrastratial Lipopolysaccharide Model of Parkinson's Disease in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7380.	4.1	7
17	Urine stem cells are equipped to provide B cell survival signals. <i>Stem Cells</i> , 2021, 39, 803-818.	3.2	7
18	Preclinical validation of a novel oral Edaravone formulation for treatment of frontotemporal dementia. <i>Neurotoxicity Research</i> , 2021, 39, 1689-1707.	2.7	2

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19	Cell Therapy for Neurological Disorders: The Perspective of Promising Cells. <i>Biology</i> , 2021, 10, 1142.	2.8	7
20	Peripheral proBDNF Delivered by an AAV Vector to the Muscle Triggers Depression-Like Behaviours in Mice. <i>Neurotoxicity Research</i> , 2020, 38, 626-639.	2.7	6
21	Neuroprotective Effects of Anti-proBDNF in a Rat Photothrombotic Ischemic Model. <i>Neuroscience</i> , 2020, 446, 261-270.	2.3	0
22	Vi4-miR-185-5p-Igfbp3 Network Protects the Brain From Neonatal Hypoxic Ischemic Injury via Promoting Neuron Survival and Suppressing the Cell Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 529544.	3.7	23
23	Pro-BDNF Knockout Causes Abnormal Motor Behaviours and Early Death in Mice. <i>Neuroscience</i> , 2020, 438, 145-157.	2.3	7
24	Conversion of human urine-derived cells into neuron-like cells by small molecules. <i>Molecular Biology Reports</i> , 2020, 47, 2713-2722.	2.3	11
25	Lipopolysaccharide animal models of Parkinson's disease: Recent progress and relevance to clinical disease. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 4, 100060.	2.5	48
26	Coating Materials for Neural Stem/Progenitor Cell Culture and Differentiation. <i>Stem Cells and Development</i> , 2020, 29, 463-474.	2.1	20
27	Preclinical Study of the Pharmacokinetics of p75ECD-Fc, a Novel Human Recombinant Protein for Treatment of Alzheimer's Disease, in Sprague Dawley Rats. <i>Current Drug Metabolism</i> , 2020, 21, 235-244.	1.2	7
28	Cellular Trafficking of Amyloid Precursor Protein in Amyloidogenesis Physiological and Pathological Significance. <i>Molecular Neurobiology</i> , 2019, 56, 812-830.	4.0	19
29	Expression of tyrosine hydroxylase isoforms and phosphorylation at serine 40 in the human nigrostriatal system in Parkinson's disease. <i>Neurobiology of Disease</i> , 2019, 130, 104524.	4.4	20
30	The effects of rotenone on TH, BDNF and BDNF-related proteins in the brain and periphery: Relevance to early Parkinson's disease. <i>Journal of Chemical Neuroanatomy</i> , 2019, 97, 23-32.	2.1	8
31	Advances in curcumin-loaded nanopreparations: improving bioavailability and overcoming inherent drawbacks. <i>Journal of Drug Targeting</i> , 2019, 27, 917-931.	4.4	34
32	The Long-Term Effects of Ethanol and Corticosterone on the Mood-Related Behaviours and the Balance Between Mature BDNF and proBDNF in Mice. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 60-68.	2.3	13
33	The Level of proBDNF in Blood Lymphocytes Is Correlated with that in the Brain of Rats with Photothrombotic Ischemic Stroke. <i>Neurotoxicity Research</i> , 2019, 36, 49-57.	2.7	8
34	miRNA-7a-2-3p Inhibits Neuronal Apoptosis in Oxygen-Glucose Deprivation (OGD) Model. <i>Frontiers in Neuroscience</i> , 2019, 13, 16.	2.8	26
35	Knockout of p75 neurotrophin receptor attenuates the hyperphosphorylation of Tau in pR5 mouse model. <i>Aging</i> , 2019, 11, 6762-6791.	3.1	17
36	Functional Topography in the Rat Rostral Ventrolateral Medulla (RVLM): Distribution of C1 Neurons that Respond to Cardiovascular versus Metabolic Stimuli. <i>FASEB Journal</i> , 2019, 33, 742.8.	0.5	0

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37	Rotenone induces gastrointestinal pathology and microbiota alterations in a rat model of Parkinson's disease. <i>NeuroToxicology</i> , 2018, 65, 174-185.	3.0	79
38	Tyrosine hydroxylase as a sentinel for central and peripheral tissue responses in Parkinson's progression: Evidence from clinical studies and neurotoxin models. <i>Progress in Neurobiology</i> , 2018, 165-167, 1-25.	5.7	35
39	Investigation of Mature BDNF and proBDNF Signaling in a Rat Photothrombotic Ischemic Model. <i>Neurochemical Research</i> , 2018, 43, 637-649.	3.3	27
40	The effects of recurrent hypoglycaemia and opioid antagonists on the adrenal catecholamine synthetic capacity in a rat model of HAAF. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 210, 76-80.	2.8	9
41	HAP1 Is Required for Endocytosis and Signalling of BDNF and Its Receptors in Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 1815-1830.	4.0	18
42	Sortilin inhibits amyloid pathology by regulating non-specific degradation of APP. <i>Experimental Neurology</i> , 2018, 299, 75-85.	4.1	13
43	p75 neurotrophin receptor interacts with and promotes BACE1 localization in endosomes aggravating amyloidogenesis. <i>Journal of Neurochemistry</i> , 2018, 144, 302-317.	3.9	27
44	Insulin-responsive autonomic neurons in rat medulla oblongata. <i>Journal of Comparative Neurology</i> , 2018, 526, 2665-2682.	1.6	6
45	Bioactive constituents from cinnamon, hemp seed and polygonum cuspidatum protect against H <sub>2</sub> O <sub>2</sub> but not rotenone toxicity in a cellular model of Parkinson's disease. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 420-427.	2.7	21
46	Urine-derived cells for human cell therapy. <i>Stem Cell Research and Therapy</i> , 2018, 9, 189.	5.5	58
47	The ProNGF/p75NTR pathway induces tau pathology and is a therapeutic target for FTLD-tau. <i>Molecular Psychiatry</i> , 2018, 23, 1813-1824.	7.9	37
48	A Pilot Study in Modeling Mood Disorders in Mice by Chronic Tail-Suspension Stress. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	0
49	Effects of Recurrent Hypoglycaemia on the Activation of Insulin-Responsive Medullary and Spinal Neurons Controlling Adrenaline Release. <i>FASEB Journal</i> , 2018, 32, 733.1.	0.5	0
50	Treatment of hypoxic-ischemic encephalopathy in neonates: a systematic review and meta-analysis. , 2018, 4, 52-61.		1
51	Anti-neuroinflammatory effects of grossamide from hemp seed via suppression of TLR-4-mediated NF- $\kappa$ B signaling pathways in lipopolysaccharide-stimulated BV2 microglia cells. <i>Molecular and Cellular Biochemistry</i> , 2017, 428, 129-137.	3.1	63
52	ProBDNF inhibits proliferation, migration and differentiation of mouse neural stem cells. <i>Brain Research</i> , 2017, 1668, 46-55.	2.2	40
53	Female rats display fewer optimistic responses in a judgment bias test in the absence of a physiological stress response. <i>Physiology and Behavior</i> , 2017, 173, 124-131.	2.1	15
54	Female Wild-Type and APP/PS1 Transgenic Mice Deficient in Sort1 Are Prone to Anxiety-Like Behavior at Older Ages. <i>Neuropsychiatry</i> , 2017, 07, .	0.4	0

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55	Challenges in Modelling Hypoglycaemia-Associated Autonomic Failure: A Review of Human and Animal Studies. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-13.	1.5	14
56	P1434: Absence of Sortilin Increases the Convergence of App and Bace1 in Soma. <i>Alzheimer's and Dementia</i> , 2016, 12, P455.	0.8	0
57	P2331: Knockout of P75NTR Ligand-Binding Domain Decreases the Hyperphosphorylation of TAU in P301L Mice Model. <i>Alzheimer's and Dementia</i> , 2016, 12, P769.	0.8	0
58	200 Chemotherapy Induces Intestinal Inflammation and Central Changes Which Are Modified by Analgesics via Neuro-Immune Mechanisms. <i>Gastroenterology</i> , 2016, 150, S52.	1.3	0
59	Mice with Sort1 deficiency display normal cognition but elevated anxiety-like behavior. <i>Experimental Neurology</i> , 2016, 281, 99-108.	4.1	23
60	ProBDNF Signaling Regulates Depression-Like Behaviors in Rodents under Chronic Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 2882-2892.	5.4	97
61	The Effects of Insulin-Induced Hypoglycaemia on Tyrosine Hydroxylase Phosphorylation in Rat Brain and Adrenal Gland. <i>Neurochemical Research</i> , 2016, 41, 1612-1624.	3.3	17
62	Investigation of tyrosine hydroxylase and BDNF in a low-dose rotenone model of Parkinson's disease. <i>Journal of Chemical Neuroanatomy</i> , 2015, 70, 33-41.	2.1	26
63	Low birth weight activates the renin-angiotensin system, but limits cardiac angiogenesis in early postnatal life. <i>Physiological Reports</i> , 2015, 3, e12270.	1.7	20
64	An update on the rotenone models of Parkinson's disease: Their ability to reproduce the features of clinical disease and model gene-environment interactions. <i>NeuroToxicology</i> , 2015, 46, 101-116.	3.0	251
65	Analysis of Tyrosine Hydroxylase Isoforms and Phosphorylation in Parkinson's Disease. , 2014, , 15.		0
66	Codeine-induced hyperalgesia and allodynia: investigating the role of glial activation. <i>Translational Psychiatry</i> , 2014, 4, e482-e482.	4.8	34
67	Neurobiological consequences of acute footshock stress: effects on tyrosine hydroxylase phosphorylation and activation in the rat brain and adrenal medulla. <i>Journal of Neurochemistry</i> , 2014, 128, 547-560.	3.9	33
68	Early Life Stress and Post-Weaning High Fat Diet Alter Tyrosine Hydroxylase Regulation and AT1 Receptor Expression in the Adrenal Gland in a Sex Dependent Manner. <i>Neurochemical Research</i> , 2013, 38, 826-833.	3.3	15
69	Does exposure to chronic stress influence blood pressure in rats?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 217-223.	2.8	18
70	253 IMPACT OF LOW BIRTH WEIGHT ON THE EXPRESSION OF THE RENIN-ANGIOTENSIN SYSTEM, FACTORS WHICH REGULATE AUTOPHAGY, FIBROSIS AND CAPILLARY DENSITY IN THE HEART DURING EARLY POSTNATAL LIFE. <i>Journal of Hypertension</i> , 2012, 30, e76-e77.	0.5	0
71	Neonatal immune challenge alters reproductive development in the female rat. <i>Hormones and Behavior</i> , 2012, 62, 345-355.	2.1	50
72	33. Programming of reproductive development by neonatal immunological challenge: Evidence for transgenerational inheritance. <i>Brain, Behavior, and Immunity</i> , 2012, 26, S9-S10.	4.1	0

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73	Tyrosine Hydroxylase Phosphorylation in Catecholaminergic Brain Regions: A Marker of Activation following Acute Hypotension and Glucoprivation. <i>PLoS ONE</i> , 2012, 7, e50535.	2.5	32
74	The effects of footshock and immobilization stress on tyrosine hydroxylase phosphorylation in the rat locus coeruleus and adrenal gland. <i>Neuroscience</i> , 2011, 192, 20-27.	2.3	22
75	Neuronal activity regulates expression of tyrosine hydroxylase in adult mouse substantia nigra pars compacta neurons. <i>Journal of Neurochemistry</i> , 2011, 116, 646-658.	3.9	47
76	The Effect of Social Defeat on Tyrosine Hydroxylase Phosphorylation in the Rat Brain and Adrenal Gland. <i>Neurochemical Research</i> , 2011, 36, 27-33.	3.3	13
77	Expression of Tyrosine Hydroxylase Increases the Resistance of Human Neuroblastoma Cells to Oxidative Insults. <i>Toxicological Sciences</i> , 2010, 113, 150-157.	3.1	21
78	Signal transduction pathways and tyrosine hydroxylase regulation in the adrenal medulla following glucoprivation: An in vivo analysis. <i>Neurochemistry International</i> , 2010, 57, 162-167.	3.8	21
79	Differential regulation of human tyrosine hydroxylase isoforms 1 and 2 in situ: Isoform 2 is not phosphorylated at Ser35. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1860-1867.	4.1	43
80	Manganese induces sustained Ser40 phosphorylation and activation of tyrosine hydroxylase in PC12 cells. <i>Journal of Neurochemistry</i> , 2009, 110, 848-856.	3.9	36
81	P5 Dietary influences and diabetes. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 149, 102-103.	2.8	0
82	Sustained phosphorylation of tyrosine hydroxylase at serine 40: a novel mechanism for maintenance of catecholamine synthesis. <i>Journal of Neurochemistry</i> , 2007, 100, 479-489.	3.9	65
83	PACAP stimulates the sustained phosphorylation of tyrosine hydroxylase at serine 40. <i>Cellular Signalling</i> , 2007, 19, 1141-1149.	3.6	44
84	Differential Regulation of the Human Tyrosine Hydroxylase Isoforms via Hierarchical Phosphorylation. <i>Journal of Biological Chemistry</i> , 2006, 281, 17644-17651.	3.4	72
85	Angiotensin II regulates tyrosine hydroxylase activity and mRNA expression in rat mediobasal hypothalamic cultures: the role of specific protein kinases. <i>Journal of Neurochemistry</i> , 2004, 90, 431-441.	3.9	20
86	Phosphorylation of Ser19 increases both Ser40 phosphorylation and enzyme activity of tyrosine hydroxylase in intact cells. <i>Journal of Neurochemistry</i> , 2004, 90, 857-864.	3.9	71
87	Tyrosine hydroxylase phosphorylation: regulation and consequences. <i>Journal of Neurochemistry</i> , 2004, 91, 1025-1043.	3.9	397
88	S100B protein stimulates calcineurin activity. <i>NeuroReport</i> , 2004, 15, 317-320.	1.2	15
89	Tyrosine Hydroxylase in Bovine Adrenal Chromaffin Cells: Angiotensin II-Stimulated Activity and Phosphorylation of Ser19, Ser31, and Ser40. <i>Journal of Neurochemistry</i> , 2002, 70, 2565-2573.	3.9	32
90	Lead-Stimulated p38MAPK-Dependent Hsp27 Phosphorylation. <i>Toxicology and Applied Pharmacology</i> , 2002, 178, 44-51.	2.8	63

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91	Tyrosine hydroxylase phosphorylation in bovine adrenal chromaffin cells: the role of MAPKs after angiotensin II stimulation. <i>Journal of Neurochemistry</i> , 2001, 78, 490-498.	3.9	35
92	Simultaneous measurement of tyrosine hydroxylase activity and phosphorylation in bovine adrenal chromaffin cells. <i>Journal of Neuroscience Methods</i> , 1999, 87, 167-174.	2.5	22