

Michael V Ugrumov

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8636390/michael-v-ugrumov-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

113
papers

1,729
citations

25
h-index

35
g-index

120
ext. papers

1,907
ext. citations

3
avg, IF

4.67
L-index

#	Paper	IF	Citations
113	Non-dopaminergic neurons partly expressing dopaminergic phenotype: distribution in the brain, development and functional significance. <i>Journal of Chemical Neuroanatomy</i> , 2009 , 38, 241-56	3.2	79
112	Modeling of presymptomatic and symptomatic stages of parkinsonism in mice. <i>Neuroscience</i> , 2011 , 181, 175-88	3.9	78
111	Ontogenesis of tyrosine hydroxylase-immunopositive structures in the rat hypothalamus. An atlas of neuronal cell bodies. <i>Neuroscience</i> , 1989 , 29, 135-56	3.9	53
110	Distribution of serotonin 5-hydroxytryptamine 1B (5-HT(1B)) receptors in the normal rat hypothalamus. <i>Neuroscience Letters</i> , 2002 , 328, 155-9	3.3	50
109	Tyrosine hydroxylase-expressing and/or aromatic L-amino acid decarboxylase-expressing neurons in the mediobasal hypothalamus of perinatal rats: differentiation and sexual dimorphism. <i>Journal of Comparative Neurology</i> , 2000 , 425, 167-76	3.4	49
108	Tyrosine hydroxylase expression and activity in nigrostriatal dopaminergic neurons of MPTP-treated mice at the presymptomatic and symptomatic stages of parkinsonism. <i>Journal of the Neurological Sciences</i> , 2014 , 340, 198-207	3.2	48
107	Dopamine synthesis by non-dopaminergic neurons expressing individual complementary enzymes of the dopamine synthetic pathway in the arcuate nucleus of fetal rats. <i>Neuroscience</i> , 2004 , 124, 629-35	3.9	46
106	Decreased NPY innervation of the hypothalamic nuclei in rats with cancer anorexia. <i>Brain Research</i> , 2003 , 961, 100-8	3.7	45
105	Ontogenesis of the hypothalamic catecholaminergic system in rats: synthesis, uptake and release of catecholamines. <i>Neuroscience</i> , 1991 , 43, 223-9	3.9	43
104	Influence of serotonin on the development and migration of gonadotropin-releasing hormone neurones in rat fetuses. <i>Journal of Neuroendocrinology</i> , 2003 , 15, 549-58	3.8	40
103	Developing brain as an endocrine organ: a paradoxical reality. <i>Neurochemical Research</i> , 2010 , 35, 837-50	4.6	38
102	Ontogenesis of tyrosine hydroxylase-immunopositive structures in the rat hypothalamus. Fiber pathways and terminal fields. <i>Neuroscience</i> , 1989 , 29, 157-66	3.9	37
101	Differentiation of tyrosine hydroxylase-synthesizing and/or aromatic L-amino acid decarboxylase-synthesizing neurons in the rat mediobasal hypothalamus: quantitative double-immunofluorescence study. <i>Journal of Comparative Neurology</i> , 2002 , 446, 114-22	3.4	36
100	Brain neurons partly expressing dopaminergic phenotype: location, development, functional significance, and regulation. <i>Advances in Pharmacology</i> , 2013 , 68, 37-91	5.7	30
99	Dopamine turnover in the mediobasal hypothalamus in rat fetuses. <i>Neuroscience</i> , 1999 , 89, 235-41	3.9	30
98	Development of the hypothalamic serotonergic system during ontogenesis in rats. Immunocytochemical and radioautographic study. <i>Developmental Brain Research</i> , 1986 , 30, 75-84		30
97	Tyrosine hydroxylase- and/or aromatic L-amino acid decarboxylase-expressing neurons in the rat arcuate nucleus: ontogenesis and functional significance. <i>Psychoneuroendocrinology</i> , 2002 , 27, 533-48	5	29

96	Prolactin secretion and its dopamine inhibitory control in rat fetuses. <i>European Journal of Endocrinology</i> , 1998 , 139, 337-42	6.5	29
95	Cooperative synthesis of dopamine by non-dopaminergic neurons as a compensatory mechanism in the striatum of mice with MPTP-induced Parkinsonism. <i>Neurobiology of Disease</i> , 2017 , 98, 108-121	7.5	28
94	Magnocellular vasopressin system in ontogenesis: development and regulation. <i>Microscopy Research and Technique</i> , 2002 , 56, 164-71	2.8	28
93	Postnatal development of the suprachiasmatic nucleus in the rat. Morpho-functional characteristics and time course of tyrosine hydroxylase immunopositive fibers. <i>Neuroscience</i> , 1994 , 63, 603-10	3.9	28
92	Developing hypothalamus in differentiation of neurosecretory neurons and in establishment of pathways for neurohormone transport. <i>International Review of Cytology</i> , 1991 , 129, 207-67		28
91	Topographic relations between tyrosine hydroxylase- and luteinizing hormone-releasing hormone-immunoreactive fibers in the median eminence of adult rats. <i>Neuroscience Letters</i> , 1989 , 102, 159-64	3.3	26
90	High frequency stimulation of the subthalamic nucleus impacts adult neurogenesis in a rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2011 , 42, 284-91	7.5	25
89	Degeneration of dopaminergic neurons triggers an expression of individual enzymes of dopamine synthesis in non-dopaminergic neurons of the arcuate nucleus in adult rats. <i>Journal of Chemical Neuroanatomy</i> , 2005 , 30, 27-33	3.2	25
88	Vasopressin and oxytocin gene expression in intact rats and under catecholamine deficiency during ontogenesis. <i>Brain Research Bulletin</i> , 1995 , 37, 437-48	3.9	25
87	Axovascular relationships in developing median eminence of perinatal rats with special reference to luteinizing hormone-releasing hormone projections. <i>Neuroscience</i> , 1985 , 16, 897-906	3.9	24
86	On the distribution and morpho-functional characteristics of 5-HT-immunoreactive cells in the hypothalamus of fetuses and neonatal rats. <i>Developmental Brain Research</i> , 1989 , 46, 233-41		23
85	Influence of monoamines on differentiating gonadotropin-releasing hormone neurones in foetal mice. <i>Journal of Neuroendocrinology</i> , 2003 , 15, 925-32	3.8	22
84	Effects of omega-3 fatty acids on orexigenic and anorexigenic modulators at the onset of anorexia. <i>Brain Research</i> , 2005 , 1046, 157-64	3.7	22
83	Projections from the hypothalamus to the posterior lobe in rats during ontogenesis: 1,1'-dioctadecyl-3,3,3', 3'-tetramethylindocarbocyanine perchlorate tracing study. <i>Journal of Comparative Neurology</i> , 2000 , 422, 327-37	3.4	22
82	Birthdates of the tyrosine hydroxylase immunoreactive neurons in the hypothalamus of male and female rats. <i>Neuroendocrinology</i> , 1996 , 64, 405-11	5.6	22
81	Normalization of hypothalamic serotonin (5-HT 1B) receptor and NPY in cancer anorexia after tumor resection: an immunocytochemical study. <i>Neuroscience Letters</i> , 2005 , 383, 322-7	3.3	21
80	Hypothalamo-pituitary control of the cell-mediated immunity in rat embryos: role of LHRH in regulation of lymphocyte proliferation. <i>Journal of Reproductive Immunology</i> , 2000 , 47, 17-32	4.2	21
79	Hypothalamic 5-HT1B-receptor changes in anorectic tumor bearing rats. <i>Neuroscience Letters</i> , 2005 , 376, 71-5	3.3	20

78	Development of the hypothalamic 5-hydroxytryptamine system during ontogenesis in rats: uptake and release of 5-hydroxytryptamine in vitro. <i>Neuroscience</i> , 1989 , 32, 127-31	3.9	20
77	The hypothalamo-hypophysial system of hypophysectomized rats. I. Ultrastructure of nerve fibres in "intact" and dehydrated animals. <i>Cell and Tissue Research</i> , 1974 , 155, 541-54	4.2	20
76	Developing brain as an endocrine organ: secretion of dopamine. <i>Molecular and Cellular Endocrinology</i> , 2012 , 348, 78-86	4.4	19
75	MPTP Mouse Model of Preclinical and Clinical Parkinson's Disease as an Instrument for Translational Medicine. <i>Molecular Neurobiology</i> , 2018 , 55, 2991-3006	6.2	18
74	Neurons expressing individual enzymes of dopamine synthesis in the mediobasal hypothalamus of adult rats: functional significance and topographic interrelations. <i>Neuroscience</i> , 2014 , 277, 45-54	3.9	18
73	Brain is an important source of GnRH in general circulation in the rat during prenatal and early postnatal ontogenesis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2005 , 141, 271-9	2.6	18
72	Neurons possessing enzymes of dopamine synthesis in the mediobasal hypothalamus of rats. Topographic relations and axonal projections to the median eminence in ontogenesis. <i>Journal of Chemical Neuroanatomy</i> , 2002 , 24, 95-107	3.2	18
71	Androgen-dependent sex differences in the hypothalamic serotonergic system. <i>European Journal of Endocrinology</i> , 1996 , 134, 232-5	6.5	18
70	Permeability of the blood-brain barrier in the median eminence during the perinatal period in rats. <i>Cell and Tissue Research</i> , 1983 , 230, 649-60	4.2	18
69	The influence of catecholamine on the migration of gonadotropin-releasing hormone-producing neurons in the rat fetuses. <i>Brain Structure and Function</i> , 2009 , 213, 289-300	4	17
68	Long-lasting effects of serotonin deficiency on differentiating peptidergic neurons in the rat suprachiasmatic nucleus. <i>International Journal of Developmental Neuroscience</i> , 2005 , 23, 85-91	2.7	16
67	Dynamical study of tyrosine hydroxylase expression and its correlation with vasopressin turnover in the magnocellular neurons of the supraoptico-posthypophysial system under long-term salt loading of adult rats. <i>Brain Research</i> , 2002 , 925, 67-75	3.7	16
66	Development of the suprachiasmatic nucleus in rats during ontogenesis: serotonin-immunopositive fibers. <i>Neuroscience</i> , 1994 , 58, 161-5	3.9	16
65	Upgraded Methodology for the Development of Early Diagnosis of Parkinson's Disease Based on Searching Blood Markers in Patients and Experimental Models. <i>Molecular Neurobiology</i> , 2019 , 56, 3437-3450	6.2	15
64	Development of the suprachiasmatic nucleus in rats during ontogenesis: tyrosine hydroxylase immunopositive cell bodies and fibers. <i>Neuroscience</i> , 1994 , 58, 151-60	3.9	15
63	Transcriptome Profile Changes in Mice with MPTP-Induced Early Stages of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 6775-6784	6.2	14
62	Long-lasting effect of catecholamine deficiency on differentiating vasopressin and oxytocin neurons in the rat supraoptic nucleus. <i>Neuroscience</i> , 1997 , 79, 555-61	3.9	14
61	Tyrosine hydroxylase in vasopressinergic axons of the pituitary posterior lobe of rats under salt-loading as a manifestation of neurochemical plasticity. <i>Neural Plasticity</i> , 2000 , 7, 179-91	3.3	14

60	Plasma Metabolome Signature in Patients with Early-stage Parkinson Disease. <i>Current Metabolomics</i> , 2018 , 6,	1	13
59	Noradrenergic regulation of galanin expression in the supraoptic nucleus in the rat hypothalamus. An ex vivo study. <i>Journal of Neuroscience Research</i> , 2006 , 83, 857-63	4.4	13
58	Development of the hypothalamic vasopressin system and nephrons in <i>Meriones shawi</i> during ontogenesis. <i>Anatomy and Embryology</i> , 1996 , 193, 281-96		13
57	Altered vasoactive intestinal polypeptide gene expression in the fetal rat suprachiasmatic nucleus following prenatal serotonin deficiency. <i>International Journal of Developmental Neuroscience</i> , 1994 , 12, 143-9	2.7	13
56	Development of early diagnosis of Parkinson's disease: Illusion or reality?. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 997	6.8	12
55	Development of the median eminence during ontogenesis (morpho-functional aspects). <i>Progress in Brain Research</i> , 1992 , 91, 349-56	2.9	12
54	Expression analysis of genes of ubiquitin-proteasome protein degradation system in MPTP-induced mice models of early stages of Parkinson's disease. <i>Doklady Biochemistry and Biophysics</i> , 2014 , 456, 116-8	0.8	11
53	Vasopressinergic neurons of the supraoptic nucleus in perinatal rats: reaction to osmotic stimulation and its regulation. <i>Brain Structure and Function</i> , 2011 , 215, 195-207	4	11
52	Axonal projections from the hypothalamus to the pituitary intermediate lobe in rats during ontogenesis: Dil tracing study. <i>Developmental Brain Research</i> , 2005 , 155, 117-26		9
51	Axonal projections from the hypothalamus to the median eminence in rats during ontogenesis: Dil tracing study. <i>Anatomy and Embryology</i> , 2001 , 204, 239-52		9
50	Ependymal lining of infundibular recess in perinatal rats: relationships with portal capillaries and permeability. <i>International Journal of Developmental Neuroscience</i> , 1986 , 4, 101-11	2.7	9
49	Tyrosine hydroxylase expression in the olfactory/respiratory epithelium in early sheep fetuses (<i>Ovis aries</i>). <i>Brain Research</i> , 2006 , 1083, 29-38	3.7	8
48	Tyrosine hydroxylase expression in differentiating neurons of the rat arcuate nucleus: stimulatory influence of serotonin afferents. <i>Neural Plasticity</i> , 2001 , 8, 271-84	3.3	8
47	Prolonged neurogenesis during early development of gonadotropin-releasing hormone neurones in sheep (<i>Ovis Aries</i>): in vivo and in vitro studies. <i>Neuroendocrinology</i> , 2003 , 77, 177-86	5.6	7
46	Pharmacological model of catecholamine depletion in the hypothalamus of fetal and neonatal rats and its application. <i>Cellular and Molecular Neurobiology</i> , 1996 , 16, 617-24	4.6	7
45	Signal molecules during the organism development: Central and peripheral sources of noradrenaline in rat ontogenesis. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 466, 74-6	0.8	7
44	Reversible Pharmacological Induction of Motor Symptoms in MPTP-Treated Mice at the Presymptomatic Stage of Parkinsonism: Potential Use for Early Diagnosis of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 3618-3632	6.2	6
43	Development of the mesencephalic and diencephalic catecholamine systems in human fetuses: uptake and release of catecholamines in vitro. <i>Neuroscience Letters</i> , 1996 , 212, 29-32	3.3	6

42	Development of the tuberoinfundibular system in rats: birthdates of the tyrosine hydroxylase-immunopositive neurons. <i>Developmental Brain Research</i> , 1993 , 73, 173-6		4
41	On degeneration of peptidergic neurosecretory fibres in the albino rat. <i>Cell and Tissue Research</i> , 1975 , 160, 113-23	4.2	4
40	Cooperative Synthesis of Dopamine in Rat Mediobasal Hypothalamus as a Compensatory Mechanism in Hyperprolactinemia. <i>Biochemistry (Moscow)</i> , 2017 , 82, 366-372	2.9	3
39	Gene expression of proteins of the vesicle cycle in dopaminergic neurons in modeling of Parkinson's disease. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 468, 206-8	0.8	3
38	Modeling of chronic selective inhibition of noradrenaline synthesis in the brain of neonatal rats. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 461, 123-6	0.8	3
37	The secretion of noradrenaline from the brain into the peripheral blood during rat ontogenesis. <i>Neurochemical Journal</i> , 2015 , 9, 95-100	0.5	3
36	Experimental modeling of preclinical and clinical stages of Parkinson's disease. <i>Bulletin of Experimental Biology and Medicine</i> , 2011 , 150, 566-9	0.8	3
35	Compensatory reaction during degeneration of arcuate nucleus dopaminergic neurons in rats. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2008 , 44, 82-88	0.5	3
34	Dopamine Synthesis as a Mechanism of Brain Plasticity in Nigrostriatal System Pathology. <i>Doklady Biochemistry and Biophysics</i> , 2018 , 479, 83-86	0.8	3
33	Molecular mechanisms of synthesis of noradrenaline as an inducer of development in the adrenal glands of rats in ontogenesis. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 472, 23-26	0.8	2
32	Plasticity of Central and Peripheral Sources of Noradrenaline in Rats during Ontogenesis. <i>Biochemistry (Moscow)</i> , 2017 , 82, 373-379	2.9	2
31	Changes in the secretory activity of organs producing noradrenaline upon inhibition of its synthesis in neonatal rat brain. <i>Russian Journal of Developmental Biology</i> , 2017 , 48, 295-300	0.8	2
30	Estimation of Metabolism of Catecholamines in Peripheral Organs As an Indicator of Their Desympathization under the Influence of Neurotoxins. <i>Doklady Biochemistry and Biophysics</i> , 2019 , 486, 171-174	0.8	2
29	Developing brain as a source of circulating norepinephrine in rats during the critical period of morphogenesis. <i>Brain Structure and Function</i> , 2019 , 224, 3059-3073	4	1
28	Gene expression of proteins of the vesicle cycle in the striatum and motor cortex under functional failure of nigrostriatal system. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 470, 313-315	0.8	1
27	The Role of the Brain in the Regulation of Peripheral Noradrenaline-producing Organs in Rats During Morphogenesis. <i>Doklady Biochemistry and Biophysics</i> , 2019 , 486, 243-246	0.8	1
26	Development of central and peripheral serotonin-producing systems in rats in ontogenesis. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2009 , 45, 78-85	0.5	1
25	A Monoiodotyrosine Challenge Test in a Parkinson's Disease Model. <i>Acta Naturae</i> , 2021 , 13, 106-109	2.1	1

24	Secretory activity of the brain and peripheral organs: Spontaneous and stimulated release of noradrenaline in the ontogenesis of rats. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 467, 153-6	0.8	1
23	The Role of Catecholamines in the Development of Pathological Retina Neovascularization in an Experimental Model of Retinopathy of Prematurity in Rats. <i>Doklady Biochemistry and Biophysics</i> , 2019 , 489, 373-376	0.8	1
22	Synthesis of Dopamine by Non-Dopaminergic Neurons of the Rat Tuberoinfundibular System during Ontogeny. <i>Neurochemical Journal</i> , 2019 , 13, 335-343	0.5	1
21	Neurotransplants in Treatment of Parkinson's Disease 2001 , 349-363		1
20	Hypothesis on the Endocrine System of the Brain: Evidence for the Regulated Delivery of Neurohormones from the Brain to the Cerebrospinal Fluid and Vice Versa in Neonatal and Prepubertal Periods of Ontogenesis. <i>Russian Journal of Developmental Biology</i> , 2021 , 52, 414-421	0.8	1
19	A Comparative Analysis of CSF and the Blood Levels of Monoamines As Neurohormones in Rats during Ontogenesis.. <i>Acta Naturae</i> , 2021 , 13, 89-97	2.1	1
18	Characteristic of Dopamine-Producing System and Dopamine Receptors in the Suprachiasmatic Nucleus in Rats in Ontogenesis. <i>Doklady Biochemistry and Biophysics</i> , 2020 , 490, 34-37	0.8	0
17	Role of Adenohypophysiotropic Neurohormones in Endocrine Paraadenohypophysial Regulation of Peripheral Target Organs in Rat Ontogeny. <i>Bulletin of Experimental Biology and Medicine</i> , 2015 , 159, 293-6 ^{0.8}		
16	Dopamine-Producing Neurons in Rat Ontogeny: Phenotypic Features Underlying Molecular Mechanisms of Secretion and Regulation. <i>Russian Journal of Developmental Biology</i> , 2020 , 51, 57-64	0.8	
15	Missing proof of cooperative synthesis of dopamine by non-dopaminergic neurons. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 468, 197-9	0.8	
14	Gene expression and content of enzymes of noradrenaline synthesis in the rat organ of Zuckerkandl at the critical period of morphogenesis. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 474, 200-203	0.8	
13	Endocrine function of dopaminergic neurons in the neonatal rat brain. <i>Neurochemical Journal</i> , 2011 , 5, 169-175	0.5	
12	Role of noradrenaline in the development of dopamine-induced hyperprolactinemia. <i>Neurochemical Journal</i> , 2009 , 3, 288-296	0.5	
11	Migration and differentiation of gonadotropin-releasing hormone-producing neurons in the brain of mouse fetus exposed to excess of serotonin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2007 , 43, 356-364	0.5	
10	Expression of tyrosine hydroxylase in vasopressinergic neurons of the supraoptic nucleus in rat ontogenesis and its modulation by noradrenergic afferents. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2006 , 42, 174-181	0.5	
9	Differentiation of Magnocellular Vasopressinergic Neurons and Its Regulation by Signal Molecules in Ontogenesis. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2002 , 38, 575-585	0.5	
8	Developing Brain as a Giant Multipotent Endocrine Gland. <i>Neurophysiology</i> , 2005 , 37, 225-238	0.6	
7	Effect of Serotonin on Development of the Luteinizing Hormone-Releasing Hormone System in Wistar Rat Embryos. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2001 , 37, 556-561	0.5	

6	A Qualitative Assessment of Neuron Populations Expressing the Enzymes of Dopamine Synthesis in the Rat Accurate Nucleus during Ontogeny. <i>Biology Bulletin</i> , 2001 , 28, 64-70	0.5
5	Dopamine Synthesis from L-Tyrosine by Non-Dopaminergic Neurons in Co-Operation. <i>Advances in Behavioral Biology</i> , 2002 , 95-98	
4	Proteins of the Vesicular Cycle as a Marker of Neuroplasticity of Dopaminergic Neurons in the Substantia Nigra of the Brain. <i>Doklady Biochemistry and Biophysics</i> , 2019 , 489, 399-402	0.8
3	General Sources of Dopamine As a Potential Morphogenic Factor in the Developing Striatum of Rats. <i>Doklady Biochemistry and Biophysics</i> , 2018 , 479, 123-126	0.8
2	Development of early diagnosis of Parkinson's disease on animal models based on the intranasal administration of L-methyl-p-tyrosine methyl ester in a gel system.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112944	7.5
1	Expression Analysis of Genes Involved in Transport Processes in Mice with MPTP-Induced Model of Parkinson's Disease. <i>Life</i> , 2022 , 12, 751	3