

Sergey Kasparov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3268940/publications.pdf>

Version: 2024-02-01

136
papers

6,158
citations

47006

47
h-index

76900

74
g-index

138
all docs

138
docs citations

138
times ranked

6349
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes Control Breathing Through pH-Dependent Release of ATP. <i>Science</i> , 2010, 329, 571-575.	12.6	752
2	Functional Oxygen Sensitivity of Astrocytes. <i>Journal of Neuroscience</i> , 2015, 35, 10460-10473.	3.6	219
3	Cardioprotection evoked by remote ischaemic preconditioning is critically dependent on the activity of vagal pre-ganglionic neurones. <i>Cardiovascular Research</i> , 2012, 95, 487-494.	3.8	187
4	Efficient large-scale production and concentration of HIV-1-based lentiviral vectors for use in vivo. <i>Physiological Genomics</i> , 2003, 12, 221-228.	2.3	154
5	Adenoviral vector demonstrates that angiotensin II-induced depression of the cardiac baroreflex is mediated by endothelial nitric oxide synthase in the nucleus tractus solitarii of the rat. <i>Journal of Physiology</i> , 2001, 531, 445-458.	2.9	151
6	Is L-Lactate a Novel Signaling Molecule in the Brain?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1069-1075.	4.3	148
7	Astrocytes monitor cerebral perfusion and control systemic circulation to maintain brain blood flow. <i>Nature Communications</i> , 2020, 11, 131.	12.8	137
8	fMRI response to blue light delivery in the na ⁻ ve brain: Implications for combined optogenetic fMRI studies. <i>NeuroImage</i> , 2013, 66, 634-641.	4.2	122
9	Nitric oxide and autonomic control of heart rate: a question of specificity. <i>Trends in Neurosciences</i> , 2002, 25, 626-631.	8.6	110
10	Astrocytes modulate brainstem respiratory rhythm-generating circuits and determine exercise capacity. <i>Nature Communications</i> , 2018, 9, 370.	12.8	104
11	Mechanisms of CO ₂ /H ⁺ Sensitivity of Astrocytes. <i>Journal of Neuroscience</i> , 2016, 36, 10750-10758.	3.6	101
12	Differential effects of angiotensin II on cardiorespiratory reflexes mediated by nucleus tractus solitarii - a microinjection study in the rat. <i>Journal of Physiology</i> , 1999, 521, 213-225.	2.9	99
13	Single fluorescent protein-based Ca ²⁺ sensors with increased dynamic range. <i>BMC Biotechnology</i> , 2007, 7, 37.	3.3	99
14	Chronic inhibition of endothelial nitric oxide synthase activity in nucleus tractus solitarii enhances baroreceptor reflex in conscious rats. <i>Journal of Physiology</i> , 2003, 546, 233-242.	2.9	98
15	Differential Sensitivity of Brainstem versus Cortical Astrocytes to Changes in pH Reveals Functional Regional Specialization of Astroglia. <i>Journal of Neuroscience</i> , 2013, 33, 435-441.	3.6	96
16	Junctional Adhesion Molecule-1 Is Upregulated in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2007, 49, 1321-1327.	2.7	92
17	Astroglia as a cellular target for neuroprotection and treatment of neuro-psychiatric disorders. <i>Glia</i> , 2017, 65, 1205-1226.	4.9	88
18	Release of ATP by pre-empting complex astrocytes contributes to the hypoxic ventilatory response via a Ca ²⁺ -dependent P2Y ₁ receptor mechanism. <i>Journal of Physiology</i> , 2018, 596, 3245-3269.	2.9	82

#	ARTICLE	IF	CITATIONS
19	Brainstem Hypoxia Contributes to the Development of Hypertension in the Spontaneously Hypertensive Rat. <i>Hypertension</i> , 2015, 65, 775-783.	2.7	81
20	Reflex response and convergence of pharyngoesophageal and peripheral chemoreceptors in the nucleus of the solitary tract. <i>Neuroscience</i> , 1999, 93, 143-154.	2.3	78
21	Hemichannel-mediated release of lactate. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1202-1211.	4.3	77
22	Signalling across the blood brain barrier by angiotensin II: novel implications for neurogenic hypertension. <i>Journal of Molecular Medicine</i> , 2008, 86, 705-710.	3.9	74
23	Automation of analysis of cardiovascular autonomic function from chronic measurements of arterial pressure in conscious rats. <i>Experimental Physiology</i> , 2006, 91, 201-213.	2.0	73
24	Optogenetic experimentation on astrocytes. <i>Experimental Physiology</i> , 2011, 96, 40-50.	2.0	71
25	Astrocytes as brain interoceptors. <i>Experimental Physiology</i> , 2011, 96, 411-416.	2.0	71
26	Purinergic signalling in the rostral ventro-lateral medulla controls sympathetic drive and contributes to the progression of heart failure following myocardial infarction in rats. <i>Basic Research in Cardiology</i> , 2013, 108, 317.	5.9	71
27	Viral vectors based on bidirectional cell-specific mammalian promoters and transcriptional amplification strategy for use in vitro and in vivo. <i>BMC Biotechnology</i> , 2008, 8, 49.	3.3	70
28	Changes in baroreceptor vagal reflex performance in the developing rat. <i>Pflugers Archiv European Journal of Physiology</i> , 1997, 434, 438-444.	2.8	69
29	Kidney-Induced Hypertension Depends on Superoxide Signaling in the Rostral Ventrolateral Medulla. <i>Hypertension</i> , 2010, 56, 290-296.	2.7	67
30	Differential effects of angiotensin II in the nucleus tractus solitarii of the rat - plausible neuronal mechanisms. <i>Journal of Physiology</i> , 1999, 521, 227-238.	2.9	66
31	Endothelial NO Synthase Activity in Nucleus Tractus Solitarii Contributes to Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2006, 48, 644-650.	2.7	66
32	Properties of solitary tract neurones responding to peripheral arterial chemoreceptors. <i>Neuroscience</i> , 2001, 105, 231-248.	2.3	64
33	Role of Estradiol in the Dynamic Control of Tanycyte Plasticity Mediated by Vascular Endothelial Cells in the Median Eminence. <i>Endocrinology</i> , 2010, 151, 1760-1772.	2.8	62
34	Comparative analysis of optogenetic actuators in cultured astrocytes. <i>Cell Calcium</i> , 2014, 56, 208-214.	2.4	62
35	Are Astrocytes the Pressure-Reservoirs of Lactate in the Brain?. <i>Cell Metabolism</i> , 2016, 23, 1-2.	16.2	60
36	Vascular-brain signaling in hypertension: Role of angiotensin II and nitric oxide. <i>Current Hypertension Reports</i> , 2007, 9, 242-247.	3.5	59

#	ARTICLE	IF	CITATIONS
37	Manipulation of dorsal raphe serotonergic neurons modulates active coping to inescapable stress and anxiety-related behaviors in mice and rats. <i>Neuropsychopharmacology</i> , 2019, 44, 721-732.	5.4	59
38	A sweet taste receptorâ€dependent mechanism of glucosensing in hypothalamic tanycytes. <i>Glia</i> , 2017, 65, 773-789.	4.9	58
39	Targeting brain stem centers of cardiovascular control using adenoviral vectors: impact of promoters on transgene expression. <i>Physiological Genomics</i> , 2005, 20, 165-172.	2.3	56
40	Differences in transductional tropism of adenoviral and lentiviral vectors in the rat brainstem. <i>Experimental Physiology</i> , 2005, 90, 71-78.	2.0	56
41	Vagal determinants of exercise capacity. <i>Nature Communications</i> , 2017, 8, 15097.	12.8	55
42	Glioâ€and neuroâ€protection by prosaposin is mediated by orphan Gâ€protein coupled receptors GPR37L1 and GPR37. <i>Glia</i> , 2018, 66, 2414-2426.	4.9	54
43	Somatic nociception activates NK1receptors in the nucleus tractus solitarii to attenuate the baroreceptor cardiac reflex. <i>European Journal of Neuroscience</i> , 2002, 16, 907-920.	2.6	52
44	Mechanism of nitric oxide action on inhibitory GABAergic signaling within the nucleus tractus solitarii. <i>FASEB Journal</i> , 2006, 20, 1537-1539.	0.5	52
45	Restraining influence of A2 neurons in chronic control of arterial pressure in spontaneously hypertensive rats. <i>Cardiovascular Research</i> , 2007, 76, 184-193.	3.8	51
46	Sensory channel specific modulation in the nucleus of the solitary tract. <i>Journal of the Autonomic Nervous System</i> , 2000, 80, 117-129.	1.9	50
47	Genetic and pharmacological dissection of pathways involved in the angiotensin IIâ€mediated depression of baroreflex function. <i>FASEB Journal</i> , 2002, 16, 1595-1601.	0.5	50
48	Neuroprotective potential of astroglia. <i>Journal of Neuroscience Research</i> , 2017, 95, 2126-2139.	2.9	50
49	A Critical Role for Purinergic Signalling in the Mechanisms Underlying Generation of BOLD fMRI Responses. <i>Journal of Neuroscience</i> , 2015, 35, 5284-5292.	3.6	49
50	Morphological and electrophysiological properties of neurones in the dorsal vagal complex of the rat activated by arterial baroreceptors. <i>Journal of Comparative Neurology</i> , 2000, 417, 233-249.	1.6	48
51	Glia, sympathetic activity and cardiovascular disease. <i>Experimental Physiology</i> , 2016, 101, 565-576.	2.0	47
52	Altered central catecholaminergic transmission and cardiovascular disease. <i>Experimental Physiology</i> , 2008, 93, 725-740.	2.0	46
53	Astroglia are a possible cellular substrate of angiotensin(1-7) effects in the rostral ventrolateral medulla. <i>Cardiovascular Research</i> , 2010, 87, 578-584.	3.8	45
54	Excessive Leukotriene B4 in Nucleus Tractus Solitarii Is Prohypertensive in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2013, 61, 194-201.	2.7	44

#	ARTICLE	IF	CITATIONS
55	CNS distribution, signalling properties and central effects of G-protein coupled receptor 4. <i>Neuropharmacology</i> , 2018, 138, 381-392.	4.1	44
56	Inhibition of Resting Potassium Conductances by Long-Term Activation of the NO/cGMP/Protein Kinase G Pathway: A New Mechanism Regulating Neuronal Excitability. <i>Journal of Neuroscience</i> , 2007, 27, 6302-6312.	3.6	42
57	Differential sensitivity of excitatory and inhibitory synaptic transmission to modulation by nitric oxide in rat nucleus tractus solitarii. <i>Experimental Physiology</i> , 2007, 92, 371-382.	2.0	42
58	Current technical approaches to brain energy metabolism. <i>Glia</i> , 2018, 66, 1138-1159.	4.9	40
59	GAL4 α -NF- κ B Fusion Protein Augments Transgene Expression from Neuronal Promoters in the Rat Brain. <i>Molecular Therapy</i> , 2006, 14, 872-882.	8.2	39
60	A Role for Astrocytes in Sensing the Brain Microenvironment and Neuro-Metabolic Integration. <i>Neurochemical Research</i> , 2015, 40, 2386-2393.	3.3	37
61	Imaging living central neurones using viral gene transfer. <i>Advanced Drug Delivery Reviews</i> , 2005, 57, 79-93.	13.7	36
62	Targeting specific neuronal populations using adeno- and lentiviral vectors: applications for imaging and studies of cell function. <i>Experimental Physiology</i> , 2005, 90, 61-69.	2.0	36
63	Parasympathetic innervation of vertebrobasilar arteries: is this a potential clinical target?. <i>Journal of Physiology</i> , 2016, 594, 6463-6485.	2.9	36
64	GABA A receptor δ -subunit may confer benzodiazepine insensitivity to the caudal aspect of the nucleus tractus solitarii of the rat. <i>Journal of Physiology</i> , 2001, 536, 785-796.	2.9	35
65	Enhancement of cell-specific transgene expression from a Tet-Off regulatory system using a transcriptional amplification strategy in the rat brain. <i>Journal of Gene Medicine</i> , 2008, 10, 583-592.	2.8	34
66	Signal transduction in astrocytes: Localization and release of inorganic polyphosphate. <i>Glia</i> , 2018, 66, 2126-2136.	4.9	34
67	Unravelling mechanisms of action of angiotensin II on cardiorespiratory function using in vivo gene transfer. <i>Acta Physiologica Scandinavica</i> , 2001, 173, 127-137.	2.2	32
68	Angiotensin II receptors within the nucleus of the solitary tract mediate the developmental attenuation of the baroreceptor vagal reflex in pre-weaned rats. <i>Journal of the Autonomic Nervous System</i> , 1998, 74, 160-168.	1.9	31
69	Presynaptic action of the neurosteroid pregnenolone sulfate on inhibitory transmitter release in cultured hippocampal neurons. <i>Brain Research</i> , 1997, 772, 226-232.	2.2	29
70	Targeting central serotonergic neurons with lentiviral vectors based on a transcriptional amplification strategy. <i>Gene Therapy</i> , 2009, 16, 681-688.	4.5	29
71	Upregulation of junctional adhesion molecule-A is a putative prognostic marker of hypertension. <i>Cardiovascular Research</i> , 2012, 96, 552-560.	3.8	29
72	Astrocytes and Brain Hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2016, 903, 201-207.	1.6	28

#	ARTICLE	IF	CITATIONS
73	Using Light for Therapy of Glioblastoma Multiforme (GBM). <i>Brain Sciences</i> , 2020, 10, 75.	2.3	27
74	Adenoviral vectors for highly selective gene expression in central serotonergic neurons reveal quantal characteristics of serotonin release in the rat brain. <i>BMC Biotechnology</i> , 2009, 9, 23.	3.3	26
75	Dynamic Exercise Attenuates Spontaneous Baroreceptor Reflex Sensitivity in Conscious Rats. <i>Experimental Physiology</i> , 2003, 88, 517-526.	2.0	24
76	Viral vectors as tools for studies of central cardiovascular control. <i>Progress in Biophysics and Molecular Biology</i> , 2004, 84, 251-277.	2.9	24
77	Selective optogenetic stimulation of efferent fibers in the vagus nerve of a large mammal. <i>Brain Stimulation</i> , 2021, 14, 88-96.	1.6	24
78	Dynamic Confocal Imaging in Acute Brain Slices and Organotypic Slice Cultures Using a Spectral Confocal Microscope with Single Photon Excitation. <i>Experimental Physiology</i> , 2002, 87, 715-724.	2.0	23
79	Thyrotropin-releasing hormone enhances excitatory postsynaptic potentials in neocortical neurons of the rat in vitro. <i>Brain Research</i> , 1994, 656, 229-235.	2.2	21
80	Stimulant effect of thyrotropin-releasing hormone and its analog, RGH 2202, on the diaphragm respiratory activity, and their antagonism with morphine: possible involvement of the N-methyl-D-aspartate receptors. <i>Brain Research</i> , 1991, 551, 110-115.	2.2	20
81	Astrocytes Modulate Baroreflex Sensitivity at the Level of the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2020, 40, 3052-3062.	3.6	20
82	Area-Specific Differences in Transmitter Release in Central Catecholaminergic Neurons of Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2008, 52, 351-358.	2.7	19
83	Dynamics of a Transgene Expression in Acute Rat Brain Slices Transfected with Adenoviral Vectors. <i>Experimental Physiology</i> , 2003, 88, 459-466.	2.0	17
84	Evidence for a detrimental role of nitric oxide synthesized by endothelial nitric oxide synthase after peripheral nerve injury. <i>Neuroscience</i> , 2008, 157, 40-51.	2.3	17
85	Putative Receptors Underpinning l-Lactate Signalling in Locus Coeruleus. <i>Neuroglia (Basel,)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	17
86	Differential effects of apamin on neuronal excitability in the nucleus tractus solitarii of rats studied in vitro. <i>Journal of the Autonomic Nervous System</i> , 1999, 77, 90-97.	1.9	16
87	Viral Gene Delivery: Optimized Protocol for Production of High Titer Lentiviral Vectors. <i>Methods in Molecular Biology</i> , 2013, 998, 65-75.	0.9	15
88	Beyond Gene Inactivation: Evolution of Tools for Analysis of Serotonergic Circuitry. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1116-1129.	3.5	14
89	Viral Vectors as Gene Therapy Agents for Treatment of Glioblastoma. <i>Cancers</i> , 2020, 12, 3724.	3.7	14
90	A micro-optrode for simultaneous extracellular electrical and intracellular optical recording from neurons in an intact oscillatory neuronal network. <i>Journal of Neuroscience Methods</i> , 2008, 168, 383-395.	2.5	13

#	ARTICLE	IF	CITATIONS
91	Transgenic neuronal nitric oxide synthase expression induces axotomy-like changes in adult motoneurons. <i>Journal of Physiology</i> , 2010, 588, 3425-3443.	2.9	13
92	Ultrastructural Correlates of Enhanced Norepinephrine and Neuropeptide Y Cotransmission in the Spontaneously Hypertensive Rat Brain. <i>ASN Neuro</i> , 2015, 7, 175909141561011.	2.7	13
93	Volumetric Spatial Correlations of Neurovascular Coupling Studied using Single Pulse Opto-fMRI. <i>Scientific Reports</i> , 2017, 7, 41583.	3.3	12
94	Chronic optogenetic stimulation of Bergman glia leads to dysfunction of EAAT1 and Purkinje cell death, mimicking the events caused by expression of pathogenic ataxin-1. <i>Neurobiology of Disease</i> , 2021, 154, 105340.	4.4	12
95	Hypothalamic paraventricular nucleus neuronal nitric oxide synthase activity is a major determinant of renal sympathetic discharge in conscious Wistar rats. <i>Experimental Physiology</i> , 2018, 103, 419-428.	2.0	11
96	In Search of a Breakthrough Therapy for Glioblastoma Multiforme. <i>Neuroglia (Basel, Switzerland)</i> , 2018, 1, 292-310.	0.9	11
97	Suitability of hCMV for viral gene expression in the brain. <i>Nature Methods</i> , 2007, 4, 379-379.	19.0	10
98	The NMDA-receptor antagonist dizocilpine (MK-801) suppresses the memory facilitatory action of thyrotropin-releasing hormone. <i>Neuropeptides</i> , 1992, 23, 87-92.	2.2	9
99	Cell- and region-specific miR30-based gene knock-down with temporal control in the rat brain. <i>BMC Molecular Biology</i> , 2010, 11, 93.	3.0	8
100	Differences in autonomic innervation to the vertebrobasilar arteries in spontaneously hypertensive and Wistar rats. <i>Journal of Physiology</i> , 2018, 596, 3505-3529.	2.9	8
101	Reducing Ca^{2+} release from hippocampal astrocytes by intracellular oxidation increases novelty induced activity in mice. <i>Glia</i> , 2021, 69, 1241-1250.	4.9	8
102	Feasibility of Photodynamic Therapy for Glioblastoma with the Mitochondria-Targeted Photosensitizer Tetramethylrhodamine Methyl Ester (TMRM). <i>Biomedicines</i> , 2021, 9, 1453.	3.2	8
103	Rodents and humans are able to detect the odour of L-Lactate. <i>PLoS ONE</i> , 2017, 12, e0178478.	2.5	7
104	In vivo gene transfer to dissect neuronal mechanisms regulating cardiorespiratory function. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003, 81, 311-316.	1.4	6
105	Identification of neuron-type specific promoters in monkey genome and their functional validation in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 619-624.	2.1	6
106	Temporal profile of arginine vasopressin release from the neurohypophysis in response to hypertonic saline and hypotension measured using a fluorescent fusion protein. <i>Journal of Neuroscience Methods</i> , 2011, 201, 191-195.	2.5	5
107	The use of viral gene transfer in studies of brainstem noradrenergic and serotonergic neurons. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2565-2576.	4.0	3
108	The many facets of optogenetics. <i>Experimental Physiology</i> , 2011, 96, 1-3.	2.0	3

#	ARTICLE	IF	CITATIONS
109	Optogenetics at a crossroads?. <i>Experimental Physiology</i> , 2013, 98, 971-972.	2.0	3
110	NOS Antagonism Using Viral Vectors as an Experimental Strategy: Implications for In Vivo Studies of Cardiovascular Control and Peripheral Neuropathies. <i>Methods in Molecular Biology</i> , 2011, 704, 197-223.	0.9	3
111	Dialogue Between Astrocytes and Noradrenergic Neurons Via l -Lactate. , 2017, , 167-182.		2
112	Genes Regulating Cardiovascular Function as Revealed Using Viral Vectors. , 2004, , 399-409.		2
113	Chronic inhibition of phosphoinositideâ€³â€škinase (PI3K) in the nucleus of the solitary tract (NTS) of hypertensive rats increases blood pressure. <i>FASEB Journal</i> , 2007, 21, A899.	0.5	2
114	Expression of Microbial Enzymes in Mammalian Astrocytes to Modulate Lactate Release. <i>Brain Sciences</i> , 2021, 11, 1056.	2.3	1
115	Morphological and electrophysiological properties of neurones in the dorsal vagal complex of the rat activated by arterial baroreceptors. , 2000, 417, 233.		1
116	Morphological and electrophysiological properties of neurones in the dorsal vagal complex of the rat activated by arterial baroreceptors. <i>Journal of Comparative Neurology</i> , 2000, 417, 233.	1.6	1
117	Nitroergic Modulation in the NTS. <i>Frontiers in Neuroscience</i> , 2005, , 209-258.	0.0	1
118	cAMPâ€šdependent modulation of Ih underlies the P2Y 1 receptorâ€šmediated excitation of the preBöttinger Complex inspiratory network in vitro. <i>FASEB Journal</i> , 2019, 33, 551.8.	0.5	1
119	Memantine Disrupts Motor Coordination through Anxiety-like Behavior in CD1 Mice. <i>Brain Sciences</i> , 2022, 12, 495.	2.3	1
120	Astrocytes Control Breathing Through pH-Dependent Vesicular Release of Atp. <i>Biophysical Journal</i> , 2010, 98, 95a-96a.	0.5	0
121	Glial-neuronal interactions in the central nervous cardiovascular and respiratory control. <i>Experimental Physiology</i> , 2011, 96, 391-392.	2.0	0
122	Optogenetics. , 2012, , 689-691.		0
123	OS 05-09 REDUCED VASODILATOR EFFICIENCY OF ADENOSINE IN THE BRAINSTEM OF YOUNG SPONTANEOUSLY HYPERTENSIVE RATS. <i>Journal of Hypertension</i> , 2016, 34, e60.	0.5	0
124	Optogenetic Control of Astroglia. , 0, , 181-195.		0
125	Downâ€šregulation of leukotriene B4 12â€šhydroxydehydrogenase gene in the nucleus tractus solitarii (NTS) of the spontaneously hypertensive rat may be proâ€šhypertensive. <i>FASEB Journal</i> , 2006, 20, .	0.5	0
126	Microarray analysis of brainstem micro vessels in an animal model genetically predisposed to hypertension. <i>FASEB Journal</i> , 2007, 21, A1411.	0.5	0

#	ARTICLE	IF	CITATIONS
127	Role of phosphoinositide 3-kinase (PI3K) in the nucleus of the solitary tract (NTS) in the modulation of baroreceptor reflex function in the hypertensive rat. <i>FASEB Journal</i> , 2008, 22, 737.34.	0.5	0
128	Proteomic analysis of brainstem micro vessels in angiotensin II induced hypertension. <i>FASEB Journal</i> , 2008, 22, 968.1.	0.5	0
129	A fibre-optic laser system and cell-specific viral vectors for chronic optogenetic experimentation on deep brain structures. <i>FASEB Journal</i> , 2009, 23, 818.11.	0.5	0
130	Cellular substrates for angiotensin 1-7 (Ang1-7) action in the rostral ventrolateral medulla (RVLM) of the normotensive and spontaneously hypertensive rat (SHR). <i>FASEB Journal</i> , 2009, 23, 958.3.	0.5	0
131	Autonomic cardiovascular responses to chronic infusions of angiotensin II (ANGII) in wistar kyoto rats (WKY). <i>FASEB Journal</i> , 2009, 23, 1017.13.	0.5	0
132	Photostimulation of Channelrhodopsin-2 expressing ventral medullary astrocytes increases sympathetic nerve activity and blood pressure in rats. <i>FASEB Journal</i> , 2010, 24, 808.16.	0.5	0
133	Optogenetic Analysis of Area-specific Glial-Neuronal Signalling. <i>FASEB Journal</i> , 2010, 24, 1064.19.	0.5	0
134	Chronic knockdown of nNOS in the paraventricular nucleus (PVN) produces persistent increases in arterial pressure and renal sympathetic nerve activity (RSNA) in the rat. <i>FASEB Journal</i> , 2011, 25, 1078.8.	0.5	0
135	Leptin activates rat carotid body Type I cells and brainstem astroglial cells. <i>FASEB Journal</i> , 2012, 26, 1128.4.	0.5	0
136	Population genetics of spinocerebellar ataxias caused by polyglutamine expansions. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2019, 23, 473-481.	1.1	0