

Vladimir K Berezovskii

List of Publications by Year in descending order

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32
papers

1,707
citations

758635

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docs citations

32
times ranked

3017
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadly Tuned Response Properties of Diverse Inhibitory Neuron Subtypes in Mouse Visual Cortex. <i>Neuron</i> , 2010, 67, 858-871.	3.8	549
2	A direct GABAergic output from the basal ganglia to frontal cortex. <i>Nature</i> , 2015, 521, 85-89.	13.7	242
3	Comparison of fiber tracts derived from in-vivo DTI tractography with 3D histological neural tract tracer reconstruction on a macaque brain. <i>NeuroImage</i> , 2007, 37, 530-538.	2.1	216
4	Dynamic properties of neurons in cortical area MT in alert and anaesthetized macaque monkeys. <i>Nature</i> , 2001, 414, 905-908.	13.7	156
5	Evolution of Osteocrin as an activity-regulated factor in the primate brain. <i>Nature</i> , 2016, 539, 242-247.	13.7	120
6	Gene Transfer with AAV9-PHP.B Rescues Hearing in a Mouse Model of Usher Syndrome 3A and Transduces Hair Cells in a Non-human Primate. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 13, 1-13.	1.8	110
7	Segregation of feedforward and feedback projections in mouse visual cortex. <i>Journal of Comparative Neurology</i> , 2011, 519, 3672-3683.	0.9	68
8	Vesicular stomatitis virus enables gene transfer and transsynaptic tracing in a wide range of organisms. <i>Journal of Comparative Neurology</i> , 2015, 523, 1639-1663.	0.9	59
9	Specificity of Projections from Wide-Field and Local Motion-Processing Regions within the Middle Temporal Visual Area of the Owl Monkey. <i>Journal of Neuroscience</i> , 2000, 20, 1157-1169.	1.7	50
10	Afferent and efferent connections of brainstem locomotor regions: Study by means of horseradish peroxidase transport technique. <i>Neuroscience</i> , 1988, 26, 871-891.	1.1	40
11	New locomotor regions of the brainstem revealed by means of electrical stimulation. <i>Neuroscience</i> , 1988, 26, 863-869.	1.1	24
12	Anatomical correlates of face patches in macaque inferotemporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32667-32678.	3.3	18
13	3D Histological Reconstruction of Fiber Tracts and Direct Comparison with Diffusion Tensor MRI Tractography. <i>Lecture Notes in Computer Science</i> , 2006, 9, 109-116.	1.0	14
14	Reply to 'Cortical responses to visual motion in alert and anesthetized monkeys'. <i>Nature Neuroscience</i> , 2003, 6, 3-4.	7.1	13
15	Segmental diversification of an identified leech neuron correlates with the segmental domain in which it expresses <i>lox2</i> , a member of the <i>hox</i> gene family. <i>Development</i> , 1996, 29, 319-329.		12
16	Projections of neurons of the hypothalamic locomotor region to some brainstem and spinal cord structures in the cat. <i>Neurophysiology</i> , 1986, 17, 595-600.	0.2	4
17	Potential- and acetylcholine-activated ionic currents of pheochromocytoma PC12 cells during incubation with nerve growth factor. <i>Neuroscience</i> , 1992, 46, 925-930.	1.1	4
18	Afferent brainstem projections to the hypothalamic locomotor region of the cat brain. <i>Neurophysiology</i> , 1985, 16, 279-286.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Electrophysiological characteristics of caudate-thalamic connections. <i>Neurophysiology</i> , 1978, 9, 431-435.	0.2	2
20	Forebrain projections to the hypothalamic locomotor region in cats. <i>Neurophysiology</i> , 1985, 17, 183-189.	0.2	2
21	Efferent projections of mesencephalic locomotor neurons in the cat. <i>Neurophysiology</i> , 1986, 18, 96-102.	0.2	1
22	Horseradish peroxidase-labeled sources of spinobulbar and spinothalamic fiber systems in the cat CNS. <i>Neurophysiology</i> , 1979, 10, 309-312.	0.2	0
23	Retrograde axonal transport of horseradish peroxidase along striato-thalamic fibers in cats. <i>Neurophysiology</i> , 1979, 10, 313-315.	0.2	0
24	Afferent connections of the cat caudate nucleus studied by the retrograde axonal transport method. <i>Neurophysiology</i> , 1980, 12, 104-112.	0.2	0
25	Discovery of the sources of some descending forebrain systems by the retrograde axonal transport of horseradish peroxidase method. <i>Neurophysiology</i> , 1980, 11, 157-165.	0.2	0
26	Rhythmic activity of the brain evoked by local injections of carbachol into subcortical nuclei. <i>Neuroscience and Behavioral Physiology</i> , 1984, 14, 399-404.	0.2	0
27	Afferent projections to the mesencephalic locomotor region of the cat brain. <i>Neurophysiology</i> , 1987, 18, 534-542.	0.2	0
28	Structural organization and connections of the cat bulbar locomotor strip. <i>Neurophysiology</i> , 1988, 19, 221-229.	0.2	0
29	Morphological study of the origin of spinal locomotor strip fibers. <i>Neurophysiology</i> , 1990, 21, 233-240.	0.2	0
30	Brainstem pathways of the initiation of locomotion. <i>Neurophysiology</i> , 1992, 23, 357-371.	0.2	0
31	Ultrastructural parameters of GABA-ergic and non-GABA-ergic synaptic contacts on neurons of the catsubstantia nigra. <i>Neurophysiology</i> , 1995, 27, 115-124.	0.2	0
32	Ultrastructure and morphometric parameters of glutamatergic synapses on nigrothalamic and unidentified neurons of the reticular zone of theSubstantia nigra in cats. <i>Neurophysiology</i> , 1996, 28, 223-231.	0.2	0