

# Daria Guseva, Pd

## List of Publications by Year in descending order

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28  
papers

1,056  
citations

471509

17  
h-index

501196

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29  
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29  
docs citations

29  
times ranked

1634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterodimerization of serotonin receptors 5-HT <sub>1A</sub> and 5-HT <sub>7</sub> differentially regulates receptor signalling and trafficking. <i>Journal of Cell Science</i> , 2012, 125, 2486-99.	2.0	163
2	5-HT <sub>7</sub> R/G <sub>12</sub> Signaling Regulates Neuronal Morphology and Function in an Age-Dependent Manner. <i>Journal of Neuroscience</i> , 2012, 32, 2915-2930.	3.6	107
3	Synaptic Remodeling Depends on Signaling between Serotonin Receptors and the Extracellular Matrix. <i>Cell Reports</i> , 2017, 19, 1767-1782.	6.4	92
4	Cellular mechanisms of the 5-HT <sub>7</sub> receptor-mediated signaling. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 306.	2.0	67
5	Serotonin 5-HT <sub>7</sub> receptor increases the density of dendritic spines and facilitates synaptogenesis in forebrain neurons. <i>Journal of Neurochemistry</i> , 2017, 141, 647-661.	3.9	66
6	Ablation of adhesion molecule L1 in mice favours Schwann cell proliferation and functional recovery after peripheral nerve injury. <i>Brain</i> , 2009, 132, 2180-2195.	7.6	62
7	Serotonin 5-HT <sub>7</sub> Receptor Is Critically Involved in Acute and Chronic Inflammation of the Gastrointestinal Tract. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1516-1529.	1.9	57
8	The extracellular-matrix protein matrilin 2 participates in peripheral nerve regeneration. <i>Journal of Cell Science</i> , 2009, 122, 995-1004.	2.0	47
9	Myelin Basic Protein Cleaves Cell Adhesion Molecule L1 and Improves Regeneration After Injury. <i>Molecular Neurobiology</i> , 2016, 53, 3360-3376.	4.0	42
10	Neuronal branching of sensory neurons is associated with BDNF <sup>+</sup> positive eosinophils in atopic dermatitis. <i>Clinical and Experimental Allergy</i> , 2020, 50, 577-584.	2.9	40
11	Symptomatic Improvement, Increased Life-Span and Sustained Cell Homing in Amyotrophic Lateral Sclerosis After Transplantation of Human Umbilical Cord Blood Cells Genetically Modified with Adeno-Viral Vectors Expressing a Neuro-Protective Factor and a Neural Cell Adhesion Molecule. <i>Current Gene Therapy</i> , 2015, 15, 266-276.	2.0	40
12	Dermatan 4-O-sulfotransferase1 ablation accelerates peripheral nerve regeneration. <i>Experimental Neurology</i> , 2013, 247, 517-530.	4.1	36
13	<i>In Vitro</i> Development of Human iPSC-Derived Functional Neuronal Networks on Laser-Fabricated 3D Scaffolds. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 7839-7853.	8.0	34
14	Serotonin receptor 5-HT <sub>7</sub> regulates morphology and migratory properties of dendritic cells. <i>Journal of Cell Science</i> , 2015, 128, 2866-80.	2.0	32
15	Adhesion molecule L1 overexpressed under the control of the neuronal Thy-1 promoter improves myelination after peripheral nerve injury in adult mice. <i>Experimental Neurology</i> , 2011, 229, 339-352.	4.1	31
16	The Plasticity of the DRG Neurons Belonging to Different Subpopulations After Dorsal Rhizotomy. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 1223-1232.	3.3	19
17	Human CLC-K Channels Require Palmitoylation of Their Accessory Subunit Barttin to Be Functional. <i>Journal of Biological Chemistry</i> , 2015, 290, 17390-17400.	3.4	18
18	Cell Adhesion Molecule Close Homolog of L1 (CHL1) Guides the Regrowth of Regenerating Motor Axons and Regulates Synaptic Coverage of Motor Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 174.	2.9	15

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19	Amelioration of Tau pathology and memory deficits by targeting 5-HT7 receptor. <i>Progress in Neurobiology</i> , 2021, 197, 101900.	5.7	15
20	Regulation of the gut barrier by carbohydrates from diet – Underlying mechanisms and possible clinical implications. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151499.	3.6	12
21	Identification and validation of a Lewisx glycomimetic peptide. <i>European Journal of Cell Biology</i> , 2010, 89, 77-86.	3.6	11
22	Function-Triggering Antibodies to the Adhesion Molecule L1 Enhance Recovery after Injury of the Adult Mouse Femoral Nerve. <i>PLoS ONE</i> , 2014, 9, e112984.	2.5	10
23	Prokinetic actions of lumenally acting 5-HT <sub>4</sub> receptor agonists. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14026.	3.0	10
24	Expression Pattern of Kv11 (Ether A-go-go-Related Gene; erg) K <sup>+</sup> Channels in the Mouse Retina. <i>PLoS ONE</i> , 2011, 6, e29490.	2.5	9
25	DHHC7-mediated palmitoylation of the accessory protein barttin critically regulates the functions of ClC-K chloride channels. <i>Journal of Biological Chemistry</i> , 2020, 295, 5970-5983.	3.4	9
26	Over-expression of Oct4 and Sox2 transcription factors enhances differentiation of human umbilical cord blood cells in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 503-509.	2.1	6
27	The 5-HT <sub>4</sub> receptor interacts with adhesion molecule L1 to modulate morphogenic signaling in neurons. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
28	The extracellular-matrix protein matrilin 2 participates in peripheral nerve regeneration. <i>Journal of Cell Science</i> , 2009, 122, 1471-1471.	2.0	2