

# Dmitry Velmeshev

## List of Publications by Citations

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

29  
papers

1,635  
citations

18  
h-index

31  
g-index

31  
ext. papers

2,506  
ext. citations

13  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
29	Spatiotemporal gene expression trajectories reveal developmental hierarchies of the human cortex. <i>Science</i> , <b>2017</b> , 358, 1318-1323	33.3	396
28	Single-cell genomics identifies cell type-specific molecular changes in autism. <i>Science</i> , <b>2019</b> , 364, 685-689	33.3	239
27	Neuronal vulnerability and multilineage diversity in multiple sclerosis. <i>Nature</i> , <b>2019</b> , 573, 75-82	50.4	173
26	Transcriptomics Profiling of Alzheimer's Disease Reveal Neurovascular Defects, Altered Amyloid- $\beta$ Homeostasis, and Deregulated Expression of Long Noncoding RNAs. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 48, 647-65	4.3	114
25	Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. <i>Cell Stem Cell</i> , <b>2020</b> , 26, 48-63.e6	18	95
24	Exogenous Hsp70 delays senescence and improves cognitive function in aging mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 16006-11	11.5	67
23	De-repressing LncRNA-Targeted Genes to Upregulate Gene Expression: Focus on Small Molecule Therapeutics. <i>Molecular Therapy - Nucleic Acids</i> , <b>2014</b> , 3, e196	10.7	47
22	Immature excitatory neurons develop during adolescence in the human amygdala. <i>Nature Communications</i> , <b>2019</b> , 10, 2748	17.4	46
21	Calorie restriction alleviates the age-related decrease in neural progenitor cell division in the aging brain. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1987-93	3.5	46
20	The BET-Bromodomain Inhibitor JQ1 Reduces Inflammation and Tau Phosphorylation at Ser396 in the Brain of the 3xTg Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2016</b> , 13, 985-95	3	46
19	Expression of non-protein-coding antisense RNAs in genomic regions related to autism spectrum disorders. <i>Molecular Autism</i> , <b>2013</b> , 4, 32	6.5	39
18	Neurotoxic microglia promote TDP-43 proteinopathy in progranulin deficiency. <i>Nature</i> , <b>2020</b> , 588, 459-465	46.4	38
17	Multimodal Single-Cell Analysis Reveals Physiological Maturation in the Developing Human Neocortex. <i>Neuron</i> , <b>2019</b> , 102, 143-158.e7	13.9	36
16	Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. <i>Cell</i> , <b>2020</b> , 182, 594-608.e11	56.2	36
15	Expression of olfactory signaling genes in the eye. <i>PLoS ONE</i> , <b>2014</b> , 9, e96435	3.7	31
14	The long non-coding RNA FMR4 promotes proliferation of human neural precursor cells and epigenetic regulation of gene expression in trans. <i>Molecular and Cellular Neurosciences</i> , <b>2016</b> , 74, 49-57	4.8	29
13	Novel Regulatory Mechanisms for the SoxC Transcriptional Network Required for Visual Pathway Development. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 4967-4981	6.6	28

12	A comparative transcriptomic analysis of astrocytes differentiation from human neural progenitor cells. <i>European Journal of Neuroscience</i> , <b>2016</b> , 44, 2858-2870	3.5	23
11	Changes in expression of the long non-coding RNA FMR4 associate with altered gene expression during differentiation of human neural precursor cells. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 263	4.5	18
10	Intranasal siRNA administration reveals IGF2 deficiency contributes to impaired cognition in Fragile X syndrome mice. <i>JCI Insight</i> , <b>2017</b> , 2, e91782	9.9	17
9	Tropism of SARS-CoV-2 for Developing Human Cortical Astrocytes <b>2021</b> ,		14
8	Identification of Long Noncoding RNAs Associated to Human Disease Susceptibility. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1543, 197-208	1.4	10
7	Identification of amygdala-expressed genes associated with autism spectrum disorder. <i>Molecular Autism</i> , <b>2020</b> , 11, 39	6.5	10
6	Ketamine up-regulates a cluster of intronic miRNAs within the serotonin receptor 2C gene by inhibiting glycogen synthase kinase-3. <i>World Journal of Biological Psychiatry</i> , <b>2017</b> , 18, 445-456	3.8	9
5	CANEapp: a user-friendly application for automated next generation transcriptomic data analysis. <i>BMC Genomics</i> , <b>2016</b> , 17, 49	4.5	8
4	The N-terminal Set- $\beta$ Protein Isoform Induces Neuronal Death. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 13417-26	5.4	7
3	Cell-Type-Specific Analysis of Molecular Pathology in Autism Identifies Common Genes and Pathways Affected Across Neocortical Regions. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2279-2289	6.2	6
2	Cocaine alters Homer1 natural antisense transcript in the nucleus accumbens. <i>Molecular and Cellular Neurosciences</i> , <b>2017</b> , 85, 183-189	4.8	4
1	Deep-RACE: Comprehensive Search for Novel ncRNAs Associated to a Specific Locus. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1543, 129-143	1.4	1