

Dmitry Velmeshev

List of Publications by Year in Descending Order

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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 | Tropism of SARS-CoV-2 for Developing Human Cortical Astrocytes 2021 , | | 14 |
| 28 | Identification of amygdala-expressed genes associated with autism spectrum disorder. <i>Molecular Autism</i> , 2020 , 11, 39 | 6.5 | 10 |
| 27 | Cell-Type-Specific Analysis of Molecular Pathology in Autism Identifies Common Genes and Pathways Affected Across Neocortical Regions. <i>Molecular Neurobiology</i> , 2020 , 57, 2279-2289 | 6.2 | 6 |
| 26 | Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. <i>Cell Stem Cell</i> , 2020 , 26, 48-63.e6 | 18 | 95 |
| 25 | Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. <i>Cell</i> , 2020 , 182, 594-608.e11 | 56.2 | 36 |
| 24 | Neurotoxic microglia promote TDP-43 proteinopathy in progranulin deficiency. <i>Nature</i> , 2020 , 588, 459-465 | 45.4 | 38 |
| 23 | Immature excitatory neurons develop during adolescence in the human amygdala. <i>Nature Communications</i> , 2019 , 10, 2748 | 17.4 | 46 |
| 22 | Single-cell genomics identifies cell type-specific molecular changes in autism. <i>Science</i> , 2019 , 364, 685-689 | 33.3 | 239 |
| 21 | Multimodal Single-Cell Analysis Reveals Physiological Maturation in the Developing Human Neocortex. <i>Neuron</i> , 2019 , 102, 143-158.e7 | 13.9 | 36 |
| 20 | Neuronal vulnerability and multilineage diversity in multiple sclerosis. <i>Nature</i> , 2019 , 573, 75-82 | 50.4 | 173 |
| 19 | Novel Regulatory Mechanisms for the SoxC Transcriptional Network Required for Visual Pathway Development. <i>Journal of Neuroscience</i> , 2017 , 37, 4967-4981 | 6.6 | 28 |
| 18 | Identification of Long Noncoding RNAs Associated to Human Disease Susceptibility. <i>Methods in Molecular Biology</i> , 2017 , 1543, 197-208 | 1.4 | 10 |
| 17 | Deep-RACE: Comprehensive Search for Novel ncRNAs Associated to a Specific Locus. <i>Methods in Molecular Biology</i> , 2017 , 1543, 129-143 | 1.4 | 1 |
| 16 | Cocaine alters Homer1 natural antisense transcript in the nucleus accumbens. <i>Molecular and Cellular Neurosciences</i> , 2017 , 85, 183-189 | 4.8 | 4 |
| 15 | Spatiotemporal gene expression trajectories reveal developmental hierarchies of the human cortex. <i>Science</i> , 2017 , 358, 1318-1323 | 33.3 | 396 |
| 14 | 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> , 2017 , 18, 445-456 | 3.8 | 9 |
| 13 | Intranasal siRNA administration reveals IGF2 deficiency contributes to impaired cognition in Fragile X syndrome mice. <i>JCI Insight</i> , 2017 , 2, e91782 | 9.9 | 17 |

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|----|--|------|-----|
| 12 | 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> , 2016 , 13, 985-95 | 3 | 46 |
| 11 | 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> , 2016 , 74, 49-57 | 4.8 | 29 |
| 10 | CANEapp: a user-friendly application for automated next generation transcriptomic data analysis. <i>BMC Genomics</i> , 2016 , 17, 49 | 4.5 | 8 |
| 9 | A comparative transcriptomic analysis of astrocytes differentiation from human neural progenitor cells. <i>European Journal of Neuroscience</i> , 2016 , 44, 2858-2870 | 3.5 | 23 |
| 8 | Transcriptomics Profiling of Alzheimer's Disease Reveal Neurovascular Defects, Altered Amyloid- β Homeostasis, and Deregulated Expression of Long Noncoding RNAs. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 647-65 | 4.3 | 114 |
| 7 | 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> , 2015 , 6, 263 | 4.5 | 18 |
| 6 | The N-terminal Set- β Protein Isoform Induces Neuronal Death. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13417-26 | 5.4 | 7 |
| 5 | 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> , 2015 , 112, 16006-11 | 11.5 | 67 |
| 4 | De-repressing LncRNA-Targeted Genes to Upregulate Gene Expression: Focus on Small Molecule Therapeutics. <i>Molecular Therapy - Nucleic Acids</i> , 2014 , 3, e196 | 10.7 | 47 |
| 3 | Expression of olfactory signaling genes in the eye. <i>PLoS ONE</i> , 2014 , 9, e96435 | 3.7 | 31 |
| 2 | Calorie restriction alleviates the age-related decrease in neural progenitor cell division in the aging brain. <i>European Journal of Neuroscience</i> , 2013 , 37, 1987-93 | 3.5 | 46 |
| 1 | Expression of non-protein-coding antisense RNAs in genomic regions related to autism spectrum disorders. <i>Molecular Autism</i> , 2013 , 4, 32 | 6.5 | 39 |