

David V Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

7,780
citations

172457

29
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

11872
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Microglia in Alzheimer's disease. <i>Journal of Cell Biology</i> , 2018, 217, 459-472. | 5.2 | 1,188 |
| 2 | Neurogenic radial glia in the outer subventricular zone of human neocortex. <i>Nature</i> , 2010, 464, 554-561. | 27.8 | 1,150 |
| 3 | Development and Evolution of the Human Neocortex. <i>Cell</i> , 2011, 146, 18-36. | 28.9 | 1,110 |
| 4 | Diverse Brain Myeloid Expression Profiles Reveal Distinct Microglial Activation States and Aspects of Alzheimer's Disease Not Evident in Mouse Models. <i>Cell Reports</i> , 2018, 22, 832-847. | 6.4 | 499 |
| 5 | TREM2, Microglia, and Neurodegenerative Diseases. <i>Trends in Molecular Medicine</i> , 2017, 23, 512-533. | 6.7 | 327 |
| 6 | Untangling the brain's neuroinflammatory and neurodegenerative transcriptional responses. <i>Nature Communications</i> , 2016, 7, 11295. | 12.8 | 310 |
| 7 | Complement C3 Is Activated in Human AD Brain and Is Required for Neurodegeneration in Mouse Models of Amyloidosis and Tauopathy. <i>Cell Reports</i> , 2019, 28, 2111-2123.e6. | 6.4 | 271 |
| 8 | Non-epithelial stem cells and cortical interneuron production in the human ganglionic eminences. <i>Nature Neuroscience</i> , 2013, 16, 1576-1587. | 14.8 | 253 |
| 9 | A High-Resolution Enhancer Atlas of the Developing Telencephalon. <i>Cell</i> , 2013, 152, 895-908. | 28.9 | 241 |
| 10 | Alzheimer's Patient Microglia Exhibit Enhanced Aging and Unique Transcriptional Activation. <i>Cell Reports</i> , 2020, 31, 107843. | 6.4 | 222 |
| 11 | Plk1 Regulates Activation of the Anaphase Promoting Complex by Phosphorylating and Triggering SCF ^{TrCP} -dependent Destruction of the APC Inhibitor Emi1. <i>Molecular Biology of the Cell</i> , 2004, 15, 5623-5634. | 2.1 | 191 |
| 12 | Mitotic spindle orientation predicts outer radial glial cell generation in human neocortex. <i>Nature Communications</i> , 2013, 4, 1665. | 12.8 | 186 |
| 13 | Emi1 stably binds and inhibits the anaphase-promoting complex/cyclosome as a pseudosubstrate inhibitor. <i>Genes and Development</i> , 2006, 20, 2410-2420. | 5.9 | 180 |
| 14 | Mouse Emi2 is required to enter meiosis II by reestablishing cyclin B1 during interkinesis. <i>Journal of Cell Biology</i> , 2006, 174, 791-801. | 5.2 | 163 |
| 15 | A role for the anaphase-promoting complex inhibitor Emi2/XErp1, a homolog of early mitotic inhibitor 1, in cytostatic factor arrest of <i>Xenopus</i> eggs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4318-4323. | 7.1 | 151 |
| 16 | Trem2 restrains the enhancement of tau accumulation and neurodegeneration by β -amyloid pathology. <i>Neuron</i> , 2021, 109, 1283-1301.e6. | 8.1 | 137 |
| 17 | CaMKII and Polo-like kinase 1 sequentially phosphorylate the cytostatic factor Emi2/XErp1 to trigger its destruction and meiotic exit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 608-613. | 7.1 | 119 |
| 18 | A rare mutation in <i>UNC5C</i> predisposes to late-onset Alzheimer's disease and increases neuronal cell death. <i>Nature Medicine</i> , 2014, 20, 1452-1457. | 30.7 | 116 |

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|----|---|------|-----------|
| 19 | Trem2 Deletion Reduces Late-Stage Amyloid Plaque Accumulation, Elevates the A β 42:A β 40 Ratio, and Exacerbates Axonal Dystrophy and Dendritic Spine Loss in the PS2APP Alzheimer's Mouse Model. <i>Journal of Neuroscience</i> , 2020, 40, 1956-1974. | 3.6 | 114 |
| 20 | Deriving Excitatory Neurons of the Neocortex from Pluripotent Stem Cells. <i>Neuron</i> , 2011, 70, 645-660. | 8.1 | 104 |
| 21 | Antibody-Mediated Targeting of Tau In Vivo Does Not Require Effector Function and Microglial Engagement. <i>Cell Reports</i> , 2016, 16, 1690-1700. | 6.4 | 102 |
| 22 | Progranulin deficiency causes impairment of autophagy and TDP-43 accumulation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2611-2628. | 8.5 | 101 |
| 23 | The Evi5 Oncogene Regulates Cyclin Accumulation by Stabilizing the Anaphase-Promoting Complex Inhibitor Emi1. <i>Cell</i> , 2006, 124, 367-380. | 28.9 | 96 |
| 24 | Interfering with the Chronic Immune Response Rescues Chronic Degeneration After Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2016, 36, 9962-9975. | 3.6 | 79 |
| 25 | Paired Immunoglobulin-like Type 2 Receptor Alpha G78R variant alters ligand binding and confers protection to Alzheimer's disease. <i>PLoS Genetics</i> , 2018, 14, e1007427. | 3.5 | 56 |
| 26 | Genome-Wide Analysis of Differential Gene Expression and Splicing in Excitatory Neurons and Interneuron Subtypes. <i>Journal of Neuroscience</i> , 2020, 40, 958-973. | 3.6 | 51 |
| 27 | Control of Emi2 activity and stability through Mos-mediated recruitment of PP2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16564-16569. | 7.1 | 48 |
| 28 | A Common Variant of IL-6R is Associated with Elevated IL-6 Pathway Activity in Alzheimer's Disease Brains. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1037-1054. | 2.6 | 44 |
| 29 | Cdc2 and Mos Regulate Emi2 Stability to Promote the Meiosis I to Meiosis II Transition. <i>Molecular Biology of the Cell</i> , 2008, 19, 3536-3543. | 2.1 | 35 |
| 30 | TREM2-independent oligodendrocyte, astrocyte, and T cell responses to tau and amyloid pathology in mouse models of Alzheimer disease. <i>Cell Reports</i> , 2021, 37, 110158. | 6.4 | 33 |
| 31 | Translational Unmasking of Emi2 Directs Cytostatic Factor Arrest in Meiosis II. <i>Cell Cycle</i> , 2007, 6, 725-731. | 2.6 | 26 |
| 32 | Selenium Regulates Expression in Rat Liver of Genes for Proteins Involved in Iron Metabolism. <i>Biological Trace Element Research</i> , 2000, 74, 55-70. | 3.5 | 18 |
| 33 | Control of the centriole and centrosome cycles by ubiquitination enzymes. <i>Oncogene</i> , 2002, 21, 6209-6221. | 5.9 | 17 |
| 34 | Emi2 at the Crossroads: Where CSF Meets MPF. <i>Cell Cycle</i> , 2007, 6, 732-738. | 2.6 | 13 |
| 35 | Phylogenetic Analysis of Hoxa 11 Sequences Reveals Absence of Transposable Elements, Conservation of Transcription Factor Binding Sites, and Suggests Antisense Coding Function. <i>DNA Sequence</i> , 2002, 13, 77-83. | 0.7 | 3 |