

Jason L Eriksen

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

12,835
citations

136950

32
h-index

123424

61
g-index

79
all docs

79
docs citations

79
times ranked

21238
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Mutations in progranulin cause tau-negative frontotemporal dementia linked to chromosome 17. <i>Nature</i> , 2006, 442, 916-919. | 27.8 | 1,816 |
| 3 | A subset of NSAIDs lower amyloidogenic A β 242 independently of cyclooxygenase activity. <i>Nature</i> , 2001, 414, 212-216. | 27.8 | 1,352 |
| 4 | A β 242 Is Essential for Parenchymal and Vascular Amyloid Deposition in Mice. <i>Neuron</i> , 2005, 47, 191-199. | 8.1 | 524 |
| 5 | NSAIDs and enantiomers of flurbiprofen target β -secretase and lower A β 242 in vivo. <i>Journal of Clinical Investigation</i> , 2003, 112, 440-449. | 8.2 | 476 |
| 6 | Substrate-targeting β -secretase modulators. <i>Nature</i> , 2008, 453, 925-929. | 27.8 | 277 |
| 7 | Diverse compounds mimic Alzheimer diseaseâ€‘causing mutations by augmenting A β 242 production. <i>Nature Medicine</i> , 2005, 11, 545-550. | 30.7 | 276 |
| 8 | Common variation in the miR-659 binding-site of GRN is a major risk factor for TDP43-positive frontotemporal dementia. <i>Human Molecular Genetics</i> , 2008, 17, 3631-3642. | 2.9 | 271 |
| 9 | A decade of modeling Alzheimer's disease in transgenic mice. <i>Trends in Genetics</i> , 2006, 22, 281-289. | 6.7 | 266 |
| 10 | Evidence That Nonsteroidal Anti-inflammatory Drugs Decrease Amyloid β 242 Production by Direct Modulation of β -Secretase Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 31831-31837. | 3.4 | 259 |
| 11 | Molecular Pathogenesis of Parkinson Disease. <i>Archives of Neurology</i> , 2005, 62, 353. | 4.5 | 236 |
| 12 | NSAIDs and enantiomers of flurbiprofen target β -secretase and lower A β 242 in vivo. <i>Journal of Clinical Investigation</i> , 2003, 112, 440-449. | 8.2 | 214 |
| 13 | An inhibitor of tau hyperphosphorylation prevents severe motor impairments in tau transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9673-9678. | 7.1 | 206 |
| 14 | Caught in the Act. <i>Neuron</i> , 2003, 40, 453-456. | 8.1 | 184 |
| 15 | Plaques, Tangles, and Memory Loss in Mouse Models of Neurodegeneration. <i>Behavior Genetics</i> , 2007, 37, 79-100. | 2.1 | 130 |
| 16 | A β 242-lowering Nonsteroidal Anti-inflammatory Drugs Preserve Intramembrane Cleavage of the Amyloid Precursor Protein (APP) and ErbB-4 Receptor and Signaling through the APP Intracellular Domain. <i>Journal of Biological Chemistry</i> , 2003, 278, 30748-30754. | 3.4 | 119 |
| 17 | Chronic administration of R-flurbiprofen attenuates learning impairments in transgenic amyloid precursor protein mice. <i>BMC Neuroscience</i> , 2007, 8, 54. | 1.9 | 118 |
| 18 | Progranulin: normal function and role in neurodegeneration. <i>Journal of Neurochemistry</i> , 2008, 104, 287-297. | 3.9 | 114 |

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|----|--|------|-----------|
| 19 | NSAIDs: small molecules for prevention of Alzheimer's disease or precursors for future drug development?. Trends in Pharmacological Sciences, 2007, 28, 536-543. | 8.7 | 113 |
| 20 | Gene dosage and pathogenesis of Parkinson's disease. Trends in Molecular Medicine, 2005, 11, 91-96. | 6.7 | 95 |
| 21 | Treadmill Exercise Prevents Learning and Memory Impairment in Alzheimer's Disease-Like Pathology. Current Alzheimer Research, 2013, 10, 507-515. | 1.4 | 83 |
| 22 | Development of a High Throughput Drug Screening Assay for the Detection of Changes in Tau Levels - Proof of Concept with HSP90 inhibitors. Current Alzheimer Research, 2005, 2, 231-238. | 1.4 | 77 |
| 23 | Inhibitory Neuron and Hippocampal Circuit Dysfunction in an Aged Mouse Model of Alzheimer's Disease. PLoS ONE, 2013, 8, e64318. | 2.5 | 73 |
| 24 | Long-term treadmill exercise attenuates tau pathology in P301S tau transgenic mice. Molecular Neurodegeneration, 2014, 9, 54. | 10.8 | 72 |
| 25 | The Non-cyclooxygenase Targets of Non-steroidal Anti-inflammatory Drugs, Lipoxygenases, Peroxisome Proliferator-activated Receptor, Inhibitor of $\text{I}^{\text{p}}\text{B}$ Kinase, and $\text{NF}\text{I}^{\text{p}}\text{B}$, Do Not Reduce Amyloid $\text{I}^{\text{p}}\text{242}$ Production. Journal of Biological Chemistry, 2003, 278, 31825-31830. | 3.4 | 71 |
| 26 | Intravenous Delivery of Targeted Liposomes to Amyloid- $\text{I}^{\text{p}}\text{2}$ Pathology in APP/PSEN1 Transgenic Mice. PLoS ONE, 2012, 7, e48515. | 2.5 | 56 |
| 27 | $\text{I}^{\text{p}}\text{2}$ -Adrenoceptor Agonists Are Required for Development of the Asthma Phenotype in a Murine Model. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 220-229. | 2.9 | 53 |
| 28 | Effects of ethanol and 5-HT1A agonists on astroglial S100B. Developmental Brain Research, 2002, 139, 97-105. | 1.7 | 47 |
| 29 | The Neuroendocrine Protein 7B2 Suppresses the Aggregation of Neurodegenerative Disease-related Proteins. Journal of Biological Chemistry, 2013, 288, 1114-1124. | 3.4 | 47 |
| 30 | A novel function for pro- SAAS as an amyloid anti- Ca^{p} aggregant in Alzheimer's disease. Journal of Neurochemistry, 2014, 128, 419-430. | 3.9 | 44 |
| 31 | Astrocyte-mediated trophic support of developing serotonin neurons: effects of ethanol, buspirone, and S100B. Developmental Brain Research, 2001, 131, 9-15. | 1.7 | 38 |
| 32 | Characterization of Polymyxin B Biodistribution and Disposition in an Animal Model. Antimicrobial Agents and Chemotherapy, 2016, 60, 1029-1034. | 3.2 | 35 |
| 33 | Cysteine based novel noncompetitive inhibitors of urease(s) - Distinctive inhibition susceptibility of microbial and plant ureases. Bioorganic and Medicinal Chemistry, 2006, 14, 6737-6744. | 3.0 | 34 |
| 34 | Effects of in utero ethanol exposure and maternal treatment with a 5-HT1A agonist on S100B-containing glial cells. Developmental Brain Research, 2000, 121, 133-143. | 1.7 | 33 |
| 35 | Regular exercise prevents non-cognitive disturbances in a rat model of Alzheimer's disease. International Journal of Neuropsychopharmacology, 2014, 17, 593-602. | 2.1 | 32 |
| 36 | A Novel Liposomal Nanoparticle for the Imaging of Amyloid Plaque by Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2016, 52, 731-745. | 2.6 | 31 |

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|----|--|-----|-----------|
| 37 | Potential involvement of S100B in the protective effects of a serotonin-1a agonist on ethanol-treated astrocytes. <i>Developmental Brain Research</i> , 2001, 128, 157-164. | 1.7 | 22 |
| 38 | Aging Is Not Associated with Proteasome Impairment in UPS Reporter Mice. <i>PLoS ONE</i> , 2009, 4, e5888. | 2.5 | 22 |
| 39 | Editorial [Hot Topic: The Complex and Multifactorial Nature of Alzheimers Disease (Guest Editors:) Tj ETQq1 1 0.784314 rgBT /Overlo | 2.9 | 22 |
| 40 | Chronic treatment with DCPCX, an adenosine A1 antagonist, worsens long-term memory. <i>Neuroscience Letters</i> , 2013, 548, 296-300. | 2.1 | 22 |
| 41 | Plasmonic nanoparticle-based expansion microscopy with surface-enhanced Raman and dark-field spectroscopic imaging. <i>Biomedical Optics Express</i> , 2018, 9, 603. | 2.9 | 17 |
| 42 | Three-Dimensional Microscopy by Milling with Ultraviolet Excitation. <i>Scientific Reports</i> , 2019, 9, 14578. | 3.3 | 17 |
| 43 | Effects of Maternal Ethanol Consumption and Buspirone Treatment on Dopamine and Norepinephrine Reuptake Sites and D1 Receptors in Offspring. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 452-459. | 2.4 | 14 |
| 44 | Recent Insights into the Involvement of Progranulin in Frontotemporal Dementia. <i>Current Neuropharmacology</i> , 2011, 9, 632-642. | 2.9 | 13 |
| 45 | Exercise training ameliorates cerebrovascular dysfunction in a murine model of Alzheimer's disease: role of the P2Y2 receptor and endoplasmic reticulum stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1559-H1569. | 3.2 | 13 |
| 46 | Altering the Substrate Specificity of Rhll by Directed Evolution. <i>ChemBioChem</i> , 2009, 10, 553-558. | 2.6 | 11 |
| 47 | Effects of ethanol and ipsapirone on the development of midline raphe glial cells and astrocytes. <i>Alcohol</i> , 2003, 29, 157-164. | 1.7 | 10 |
| 48 | Parkinson's disease - molecular mechanisms of disease. <i>Drug Discovery Today Disease Mechanisms</i> , 2004, 1, 399-405. | 0.8 | 10 |
| 49 | Multiplex protein-specific microscopy with ultraviolet surface excitation. <i>Biomedical Optics Express</i> , 2020, 11, 99. | 2.9 | 10 |
| 50 | Robust Tracing and Visualization of Heterogeneous Microvascular Networks. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 1760-1773. | 4.4 | 8 |
| 51 | In Utero Ethanol Exposure Increases Proenkephalin, a Precursor of a Neuropeptide That Is Inhibitory to Neuronal Growth. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1519-1527. | 2.4 | 7 |
| 52 | Elevated prostacyclin biosynthesis in mice impacts memory and anxiety-like behavior. <i>Behavioural Brain Research</i> , 2014, 258, 138-144. | 2.2 | 7 |
| 53 | Formaldehyde scavengers function as novel antigen retrieval agents. <i>Scientific Reports</i> , 2015, 5, 17322. | 3.3 | 6 |
| 54 | Indanone and 1,3-Indandione Derivatives as Ligands for Misfolded Synuclein Aggregates. <i>ChemMedChem</i> , 2022, 17, e202100611. | 3.2 | 5 |

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|----|--|-----|-----------|
| 55 | Nonsteroidal antiinflammatory drugs as therapeutic agents for Alzheimer's disease. Drug Development Research, 2002, 56, 415-420. | 2.9 | 4 |
| 56 | Cycad Genotoxin Methylazoxymethanol Disrupts the Brain Ubiquitin-Proteasome Pathway, Tau and β -Synuclein, as Reported in ALS-PDC. Journal of Neuro pathology and Experimental Neurology, 2021, 80, 286-288. | 1.7 | 4 |
| 57 | Biologic models of neurodegenerative disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2008, 89, 173-188. | 1.8 | 3 |
| 58 | The enigmatic roles of microglial versus neuronal progranulin in neurological disease. Acta Neuropathologica, 2010, 119, 107-109. | 7.7 | 3 |
| 59 | 7B2 chaperone knockout in APP model mice results in reduced plaque burden. Scientific Reports, 2018, 8, 9813. | 3.3 | 3 |
| 60 | Hyperspectral expansion microscopy. , 2017, , . | | 2 |
| 61 | Therapeutic Targets in the Ubiquitin-proteasome System for Alzheimer's Disease. Current Enzyme Inhibition, 2013, 9, 46-54. | 0.4 | 1 |
| 62 | Segmenting Continuous but Sparsely-Labeled Structures in Super-Resolution Microscopy Using Perceptual Grouping. Lecture Notes in Computer Science, 2020, , 141-150. | 1.3 | 1 |
| 63 | Prostacyclin Promotes Degenerative Pathology in a Model of Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2022, 16, 769347. | 3.7 | 1 |
| 64 | P4-422 Mechanism of neurofibrillary degeneration in a mouse model of tauopathy and progress towards identification of a therapeutic target. Neurobiology of Aging, 2004, 25, S594. | 3.1 | 0 |
| 65 | Editorial (Hot Topic Therapeutic Targets in Neurodegenerative Diseases). Current Enzyme Inhibition, 2013, 9, 1-2. | 0.4 | 0 |
| 66 | Microglia in the Alzheimers brain: a help or a hindrance?. AIMS Neuroscience, 2014, 1, 210-224. | 2.3 | 0 |
| 67 | Effects of Prostacyclin Signaling on Alzheimer's Disease Associated Pathologies. FASEB Journal, 2020, 34, 1-1. | 0.5 | 0 |