

Aleister J Saunders

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,040
citations

201674

27
h-index

182427

51
g-index

53
all docs

53
docs citations

53
times ranked

5135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Association of the Protein-Quality-Control Protein Ubiquilin-1 With Alzheimer's Disease Both in vitro and in vivo. <i>Frontiers in Neuroscience</i> , 2022, 16, 821059. | 2.8 | 2 |
| 2 | Amyloid- β^2 interrupts canonical Sonic hedgehog signaling by distorting primary cilia structure. <i>Cilia</i> , 2018, 7, 5. | 1.8 | 43 |
| 3 | Mechanisms that synergistically regulate β -secretase processing of APP and A β protein levels: relevance to pathogenesis and treatment of Alzheimer's disease. <i>Discovery Medicine</i> , 2017, 23, 121-128. | 0.5 | 6 |
| 4 | Amyloid Precursor Protein Translation Is Regulated by a 3'UTR Guanine Quadruplex. <i>PLoS ONE</i> , 2015, 10, e0143160. | 2.5 | 42 |
| 5 | Cathepsin L Mediates the Degradation of Novel APP C-Terminal Fragments. <i>Biochemistry</i> , 2015, 54, 2806-2816. | 2.5 | 33 |
| 6 | Altered synapses in a <i>Drosophila</i> model of Alzheimer's disease. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 373-85. | 2.4 | 55 |
| 7 | Cyclopamine Modulates β -Secretase-mediated Cleavage of Amyloid Precursor Protein by Altering Its Subcellular Trafficking and Lysosomal Degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 33258-33274. | 3.4 | 11 |
| 8 | Development and characterization of an aged onset model of Alzheimer's disease in <i>Drosophila melanogaster</i> . <i>Experimental Neurology</i> , 2014, 261, 772-781. | 4.1 | 25 |
| 9 | The role of ubiquitin-proteasome in the metabolism of amyloid precursor protein (APP): implications for novel therapeutic strategies for Alzheimer's disease. <i>Discovery Medicine</i> , 2014, 18, 41-50. | 0.5 | 23 |
| 10 | Automated analysis of courtship suppression learning and memory in <i>Drosophila melanogaster</i> . <i>Fly</i> , 2013, 7, 105-111. | 1.7 | 11 |
| 11 | <i>Drosophila lilliputian</i> is required for proneural gene expression in retinal development. <i>Developmental Dynamics</i> , 2012, 241, 553-562. | 1.8 | 4 |
| 12 | Invertebrate Models of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 3-16. | 2.6 | 26 |
| 13 | Video Analysis Algorithms for Automated Categorization of Fly Behaviors. <i>Lecture Notes in Computer Science</i> , 2012, , 229-241. | 1.3 | 1 |
| 14 | Genetic Risk Factors: Their Function and Comorbidities in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-2. | 2.0 | 1 |
| 15 | TrkB Isoforms Differentially Affect AICD Production through Their Intracellular Functional Domains. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-11. | 2.0 | 5 |
| 16 | Characterization of a <i>Drosophila</i> Alzheimer's Disease Model: Pharmacological Rescue of Cognitive Defects. <i>PLoS ONE</i> , 2011, 6, e20799. | 2.5 | 107 |
| 17 | A streamlined sub-cloning procedure to transfer shRNA from a pSM2 vector to a pGIPZ lentiviral vector. <i>Journal of RNAi and Gene Silencing</i> , 2010, 6, 411-5. | 1.2 | 3 |
| 18 | Characterization of human lysophospholipid acyltransferase 3. <i>Journal of Lipid Research</i> , 2009, 50, 1563-1570. | 4.2 | 33 |

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|----|--|------|-----------|
| 19 | An emerging role for Ubiquilin 1 in regulating protein quality control system and in disease pathogenesis. <i>Discovery Medicine</i> , 2009, 8, 18-22. | 0.5 | 28 |
| 20 | MicroRNAs can regulate human APP levels. <i>Molecular Neurodegeneration</i> , 2008, 3, 10. | 10.8 | 164 |
| 21 | In vivo selection for metastasis promoting genes in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6696-6701. | 7.1 | 75 |
| 22 | An AICD-based functional screen to identify APP metabolism regulators. <i>Molecular Neurodegeneration</i> , 2007, 2, 15. | 10.8 | 45 |
| 23 | Real-time monitoring of the membrane-binding and insertion properties of the cholesterol-dependent cytolysin anthrolysin O from <i>Bacillus anthracis</i> . <i>Journal of Molecular Recognition</i> , 2006, 19, 354-362. | 2.1 | 16 |
| 24 | Development and Cardiac Contractility: Cardiac Troponin T Isoforms and Cytosolic Calcium in Rabbit. <i>Pediatric Research</i> , 2006, 60, 276-281. | 2.3 | 12 |
| 25 | Lens epithelium-derived growth factor (LEDGF/p75) expression in fetal and adult human brain. <i>Experimental Eye Research</i> , 2004, 79, 941-948. | 2.6 | 25 |
| 26 | No association between marker D10S1423 and Alzheimer's disease. <i>Molecular Psychiatry</i> , 2003, 8, 571-573. | 7.9 | 2 |
| 27 | Design of a Ruthenium-Labeled Cytochrome c Derivative to Study Electron Transfer with the Cytochrome bc ₁ Complex. <i>Biochemistry</i> , 2003, 42, 2816-2824. | 2.5 | 53 |
| 28 | Welcome to the complex disease world. <i>Experimental Neurology</i> , 2003, 184, 50-53. | 4.1 | 12 |
| 29 | Results of a high-resolution genome screen of 437 Alzheimer's Disease families. <i>Human Molecular Genetics</i> , 2003, 12, 23-32. | 2.9 | 304 |
| 30 | Ceramide Stabilizes β -Site Amyloid Precursor Protein-cleaving Enzyme 1 and Promotes Amyloid β -Peptide Biogenesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 19777-19783. | 3.4 | 238 |
| 31 | Genetic association of Alzheimer's disease with multiple polymorphisms in alpha-2-macroglobulin. <i>Human Molecular Genetics</i> , 2003, 12, 2765-2776. | 2.9 | 67 |
| 32 | Interpreting the Effects of Small Uncharged Solutes on Protein-Folding Equilibria. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 2001, 30, 271-306. | 18.3 | 264 |
| 33 | Osmolyte-induced changes in protein conformational equilibria. <i>Biopolymers</i> , 2000, 53, 293-307. | 2.4 | 159 |
| 34 | Presenilin-Mediated Modulation of Capacitative Calcium Entry. <i>Neuron</i> , 2000, 27, 561-572. | 8.1 | 309 |
| 35 | Evidence for Genetic Linkage of Alzheimer's Disease to Chromosome 10q. <i>Science</i> , 2000, 290, 2302-2303. | 12.6 | 495 |
| 36 | 3-Hydroxykynurenine and 3-Hydroxyanthranilic Acid Generate Hydrogen Peroxide and Promote β -Crystallin Cross-Linking by Metal Ion Reduction. <i>Biochemistry</i> , 2000, 39, 7266-7275. | 2.5 | 183 |

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|----|--|-----|-----------|
| 37 | Osmolyte-induced changes in protein conformational equilibria. , 2000, 53, 293. | | 1 |
| 38 | Osmolyte-induced changes in protein conformational equilibria. Biopolymers, 2000, 53, 293. | 2.4 | 2 |
| 39 | Cu(II) Potentiation of Alzheimer A β Neurotoxicity. Journal of Biological Chemistry, 1999, 274, 37111-37116. | 3.4 | 688 |
| 40 | Partially formed native tertiary interactions in the A-state of cytochrome c. Journal of Molecular Biology, 1999, 289, 639-644. | 4.2 | 11 |
| 41 | Potential therapeutic targets for Alzheimer's disease. Expert Opinion on Therapeutic Targets, 1998, 2, 157-179. | 1.0 | 6 |
| 42 | Sugar-Induced Molten-Globule Model. Biochemistry, 1998, 37, 17048-17053. | 2.5 | 81 |
| 43 | Identifying the Physiological Electron Transfer Site of Cytochrome c Peroxidase by Structure-Based Engineering. Biochemistry, 1996, 35, 667-673. | 2.5 | 44 |
| 44 | Probing the Cytochrome c Peroxidase-Cytochrome c Electron Transfer Reaction Using Site Specific Cross-Linking. Biochemistry, 1996, 35, 4837-4845. | 2.5 | 46 |
| 45 | Unusual Effects of an Engineered Disulfide on Global and Local Protein Stability. Biochemistry, 1996, 35, 7422-7428. | 2.5 | 31 |
| 46 | Design of a Ruthenium-Cytochrome c Derivative To Measure Electron Transfer to the Radical Cation and Oxyferryl Heme in Cytochrome c Peroxidase. Biochemistry, 1996, 35, 15107-15119. | 2.5 | 64 |
| 47 | Design of a Ruthenium-Cytochrome c Derivative to Measure Electron Transfer to the Initial Acceptor in Cytochrome c Oxidase. Journal of Biological Chemistry, 1995, 270, 2466-2472. | 3.4 | 92 |
| 48 | Polarity of disulfide bonds. Protein Science, 1993, 2, 1183-1184. | 7.6 | 24 |
| 49 | Probing weakly polar interactions in cytochrome c. Protein Science, 1993, 2, 2187-2197. | 7.6 | 16 |
| 50 | Intracomplex electron transfer between ruthenium-65-cytochrome b5 and position-82 variants of yeast iso-1-cytochrome c. Biochemistry, 1993, 32, 7519-7525. | 2.5 | 50 |