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	Cu(II) Potentiation of Alzheimer AÎ² Neurotoxicity. Journal of Biological Chemistry, 1999, 274, 37111-37116.	3.4	688
2	Evidence for Genetic Linkage of Alzheimer's Disease to Chromosome 10q. Science, 2000, 290, 2302-2303.	12.6	495
3	Presenilin-Mediated Modulation of Capacitative Calcium Entry. Neuron, 2000, 27, 561-572.	8.1	309
4	Results of a high-resolution genome screen of 437 Alzheimer's Disease families. Human Molecular Genetics, 2003, 12, 23-32.	2.9	304
5	Interpreting the Effects of Small Uncharged Solutes on Protein-Folding Equilibria. Annual Review of Biophysics and Biomolecular Structure, 2001, 30, 271-306.	18.3	264
6	Ceramide Stabilizes Î²-Site Amyloid Precursor Protein-cleaving Enzyme 1 and Promotes Amyloid Î²-Peptide Biogenesis. Journal of Biological Chemistry, 2003, 278, 19777-19783.	3.4	238
7	3-Hydroxykynurenine and 3-Hydroxyanthranilic Acid Generate Hydrogen Peroxide and Promote Î±-Crystallin Cross-Linking by Metal Ion Reductionâ€. Biochemistry, 2000, 39, 7266-7275.	2.5	183
8	MicroRNAs can regulate human APP levels. Molecular Neurodegeneration, 2008, 3, 10.	10.8	164
9	Osmolyte-induced changes in protein conformational equilibria. Biopolymers, 2000, 53, 293-307.	2.4	159
10	Characterization of a Drosophila Alzheimer's Disease Model: Pharmacological Rescue of Cognitive Defects. PLoS ONE, 2011, 6, e20799.	2.5	107
11	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
12	Sugar-Induced Molten-Globule Model. Biochemistry, 1998, 37, 17048-17053.	2.5	81
13	In vivo selection for metastasis promoting genes in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6696-6701.	7.1	75
14	Genetic association of Alzheimer's disease with multiple polymorphisms in alpha-2-macroglobulin. Human Molecular Genetics, 2003, 12, 2765-2776.	2.9	67
15	Design of a Rutheniumâ^'CytochromecDerivative To Measure Electron Transfer to the Radical Cation and Oxyferryl Heme in CytochromecPeroxidaseâ€. Biochemistry, 1996, 35, 15107-15119.	2.5	64
16	Altered synapses in a Drosophila model of Alzheimer's disease. DMM Disease Models and Mechanisms, 2014, 7, 373-85.	2.4	55
17	Design of a Ruthenium-Labeled CytochromecDerivative to Study Electron Transfer with the Cytochromebc1Complexâ€. Biochemistry, 2003, 42, 2816-2824.	2.5	53
18	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

#	Article	IF	Citations
19	Probing the CytochromecPeroxidaseâ^'CytochromecElectron Transfer Reaction Using Site Specific Cross-Linkingâ€. Biochemistry, 1996, 35, 4837-4845.	2.5	46
20	An AICD-based functional screen to identify APP metabolism regulators. Molecular Neurodegeneration, 2007, 2, 15.	10.8	45
21	Identifying the Physiological Electron Transfer Site of CytochromecPeroxidase by Structure-Based Engineeringâ€. Biochemistry, 1996, 35, 667-673.	2.5	44
22	Amyloid-Î² interrupts canonical Sonic hedgehog signaling by distorting primary cilia structure. Cilia, 2018, 7, 5.	1.8	43
23	Amyloid Precursor Protein Translation Is Regulated by a 3â€™UTR Guanine Quadruplex. PLoS ONE, 2015, 10, e0143160.	2.5	42
24	Characterization of human lysophospholipid acyltransferase 3. Journal of Lipid Research, 2009, 50, 1563-1570.	4.2	33
25	Cathepsin L Mediates the Degradation of Novel APP C-Terminal Fragments. Biochemistry, 2015, 54, 2806-2816.	2.5	33
26	Unusual Effects of an Engineered Disulfide on Global and Local Protein Stabilityâ€. Biochemistry, 1996, 35, 7422-7428.	2.5	31
27	An emerging role for Ubiquilin 1 in regulating protein quality control system and in disease pathogenesis. Discovery Medicine, 2009, 8, 18-22.	0.5	28
28	Invertebrate Models of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, 3-16.	2.6	26
29	Lens epithelium-derived growth factor (LEDGF/p75) expression in fetal and adult human brain. Experimental Eye Research, 2004, 79, 941-948.	2.6	25
30	Development and characterization of an aged onset model of Alzheimer's disease in Drosophila melanogaster. Experimental Neurology, 2014, 261, 772-781.	4.1	25
31	Polarity of disulfide bonds. Protein Science, 1993, 2, 1183-1184.	7.6	24
32	The role of ubiquitin-proteasome in the metabolism of amyloid precursor protein (APP): implications for novel therapeutic strategies for Alzheimer's disease. Discovery Medicine, 2014, 18, 41-50.	0.5	23
33	Probing weakly polar interactions in cytochrome c. Protein Science, 1993, 2, 2187-2197.	7.6	16
34	Real-time monitoring of the membrane-binding and insertion properties of the cholesterol-dependent cytolysin anthrolysin O fromBacillus anthracis. Journal of Molecular Recognition, 2006, 19, 354-362.	2.1	16
35	Welcome to the complex disease world. Experimental Neurology, 2003, 184, 50-53.	4.1	12
36	Development and Cardiac Contractility: Cardiac Troponin T Isoforms and Cytosolic Calcium in Rabbit. Pediatric Research, 2006, 60, 276-281.	2.3	12

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37	Partially formed native tertiary interactions in the A-state of cytochrome c. Journal of Molecular Biology, 1999, 289, 639-644.	4.2	11
38	Automated analysis of courtship suppression learning and memory inDrosophila melanogaster. Fly, 2013, 7, 105-111.	1.7	11
39	Cyclopamine Modulates Î³-Secretase-mediated Cleavage of Amyloid Precursor Protein by Altering Its Subcellular Trafficking and Lysosomal Degradation. Journal of Biological Chemistry, 2014, 289, 33258-33274.	3.4	11
40	Potential therapeutic targets for Alzheimerâ€™s disease. Expert Opinion on Therapeutic Targets, 1998, 2, 157-179.	1.0	6
41	Mechanisms that synergistically regulate Î--secretase processing of APP and AÎ·Î± protein levels: relevance to pathogenesis and treatment of Alzheimer's disease. Discovery Medicine, 2017, 23, 121-128.	0.5	6
42	TrkB Isoforms Differentially Affect AICD Production through Their Intracellular Functional Domains. International Journal of Alzheimer's Disease, 2011, 2011, 1-11.	2.0	5
43	Drosophila lilliputian is required for proneural gene expression in retinal development. Developmental Dynamics, 2012, 241, 553-562.	1.8	4
44	A streamlined sub-cloning procedure to transfer shRNA from a pSM2 vector to a pGIPZ lentiviral vector. Journal of Rnai and Gene Silencing, 2010, 6, 411-5.	1.2	3
45	No association between marker D10S1423 and Alzheimer's disease. Molecular Psychiatry, 2003, 8, 571-573.	7.9	2
46	Osmolyte-induced changes in protein conformational equilibria. Biopolymers, 2000, 53, 293.	2.4	2
47	Association of the Protein-Quality-Control Protein Ubiquilin-1 With Alzheimerâ€™s Disease Both in vitro and in vivo. Frontiers in Neuroscience, 2022, 16, 821059.	2.8	2
48	Genetic Risk Factors: Their Function and Comorbidities in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-2.	2.0	1
49	Osmolyte-induced changes in protein conformational equilibria. , 2000, 53, 293.		1
50	Video Analysis Algorithms for Automated Categorization of Fly Behaviors. Lecture Notes in Computer Science, 2012, , 229-241.	1.3	1