

Curtis B Dobson

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,117
citations

394421

19
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Herpes simplex virus infection causes cellular β -amyloid accumulation and secretase upregulation. <i>Neuroscience Letters</i> , 2007, 429, 95-100.	2.1	288
2	The Receptor-Binding Region of Human Apolipoprotein E Has Direct Anti-Infective Activity. <i>Journal of Infectious Diseases</i> , 2006, 193, 442-450.	4.0	78
3	Herpes simplex virus type 1 and Alzheimer's disease. <i>Neurobiology of Aging</i> , 1999, 20, 457-465.	3.1	69
4	Comparative surface antimicrobial properties of synthetic biocides and novel human apolipoprotein E derived antimicrobial peptides. <i>Biomaterials</i> , 2013, 34, 5453-5464.	11.4	58
5	Do infectious agents play a role in dementia?. <i>Trends in Microbiology</i> , 2003, 11, 312-317.	7.7	57
6	Herpes simplex virus interferes with amyloid precursor protein processing. <i>BMC Microbiology</i> , 2005, 5, 48.	3.3	57
7	The lexicon of antimicrobial peptides: a complete set of arginine and tryptophan sequences. <i>Communications Biology</i> , 2021, 4, 605.	4.4	45
8	Transient and Sustained Bacterial Adaptation following Repeated Sublethal Exposure to Microbicides and a Novel Human Antimicrobial Peptide. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5809-5817.	3.2	42
9	Induction of the Cpx Envelope Stress Pathway Contributes to <i>Escherichia coli</i> Tolerance to Antimicrobial Peptides. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7770-7779.	3.1	41
10	Endocytosis-Mediated Vacuolar Accumulation of the Human ApoE Apolipoprotein-Derived ApoE β -L-W Antimicrobial Peptide Contributes to Its Antifungal Activity in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4670-4681.	3.2	39
11	Challenges and directions for the pathogen hypothesis of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2004, 25, 629-637.	3.1	38
12	Does apolipoprotein E determine outcome of infection by varicella zoster virus and by Epstein Barr virus?. <i>European Journal of Human Genetics</i> , 2007, 15, 672-678.	2.8	34
13	Development of a Novel Collagen Wound Model To Simulate the Activity and Distribution of Antimicrobials in Soft Tissue during Diabetic Foot Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6880-6889.	3.2	34
14	Apolipoprotein E-derived antimicrobial peptide analogues with altered membrane affinity and increased potency and breadth of activity. <i>FEBS Journal</i> , 2007, 274, 4511-4525.	4.7	28
15	Location of Aluminium and Gallium in Human Neuroblastoma Cells Treated with Metal-Chelating Agent Complexes. <i>Toxicology and Applied Pharmacology</i> , 1998, 152, 145-152.	2.8	27
16	Cellular fluorescein hyperfluorescence is dynamin-dependent and increased by Tetrionic 1107 treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 101, 54-63.	2.8	24
17	Shingles, Zostavax vaccination and risk of developing dementia: a nested case-control study results from the UK Biobank cohort. <i>BMJ Open</i> , 2021, 11, e045871.	1.9	22
18	Association of HSV1 and apolipoprotein E ϵ 4 in Alzheimer's disease. <i>Journal of NeuroVirology</i> , 2001, 7, 570-571.	2.1	21

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19	The Cellular Basis for Biocide-Induced Fluorescein Hyperfluorescence in Mammalian Cell Culture. PLoS ONE, 2014, 9, e84427.	2.5	21
20	Preservation of Human Tear Protein Structure and Function by a Novel Contact Lens Multipurpose Solution Containing Protein-Stabilizing Agents. Eye and Contact Lens, 2012, 38, 36-42.	1.6	19
21	Herpes simplex virus type 1 and Alzheimer's disease. Annals of Neurology, 2004, 55, 299-300.	5.3	18
22	Susceptibility of monomicrobial or polymicrobial biofilms derived from infected diabetic foot ulcers to topical or systemic antibiotics in vitro. PLoS ONE, 2020, 15, e0228704.	2.5	17
23	Anti-infective activity of apolipoprotein domain derived peptides in vitro: identification of novel antimicrobial peptides related to apolipoprotein B with anti-HIV activity. BMC Immunology, 2010, 11, 13.	2.2	12
24	Observation of solution-induced corneal staining with fluorescein, rose bengal and lissamine green. Contact Lens and Anterior Eye, 2013, 36, 267-270.	1.7	12
25	4. Contemporary research in contact lens care. Contact Lens and Anterior Eye, 2013, 36, S22-S27.	1.7	6
26	Mechanisms of Uptake of Gallium by Human Neuroblastoma Cells and Effects of Gallium and Aluminum on Cell Growth, Lysosomal Protease, and Choline Acetyl Transferase Activity. Experimental Neurology, 1998, 153, 342-350.	4.1	5
27	Inflammatory consequences: benevolent, or virulent?. Neurobiology of Aging, 2002, 23, 681-682.	3.1	3
28	Commentary on 'Fast anterograde transport of Herpes Simplex Virus: Role for the amyloid precursor protein of Alzheimer's disease' by Prasanna Satpute-Krishnan et al. Aging Cell Vol. 2, Issue 6, 305-318 (2003). Aging Cell, 2004, 3, 79-80.	6.7	2
29	Segregated neural explants exhibit co-oriented, asymmetric, neurite outgrowth. PLoS ONE, 2019, 14, e0216263.	2.5	0