

James Lowe

List of Publications by Year in descending order

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112
papers

8,536
citations

53794

45
h-index

45317

90
g-index

141
all docs

141
docs citations

141
times ranked

11794
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Molecular Genetic Profiling of Pediatric High-Grade Gliomas Reveals Key Differences With the Adult Disease. <i>Journal of Clinical Oncology</i> , 2010, 28, 3061-3068.	1.6	558
2	Ubiquitin is a common factor in intermediate filament inclusion bodies of diverse type in man, including those of Parkinson's disease, Pick's disease, and Alzheimer's disease, as well as Rosenthal fibres in cerebellar astrocytomas, cytoplasmic bodies in muscle, and mallory bodies in alcoholic liver disease. <i>Journal of Pathology</i> , 1988, 155, 9-15.	4.5	549
3	Ubiquitin-like protein conjugation and the ubiquitin-proteasome system as drug targets. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 29-46.	46.4	456
4	Rare coding variants in the phospholipase D3 gene confer risk for Alzheimer's disease. <i>Nature</i> , 2014, 505, 550-554.	27.8	425
5	Human Corneal Anatomy Redefined. <i>Ophthalmology</i> , 2013, 120, 1778-1785.	5.2	378
6	Ubiquitin carboxyl-terminal hydrolase (PGP 9.5) is selectively present in ubiquitinated inclusion bodies characteristic of human neurodegenerative diseases. <i>Journal of Pathology</i> , 1990, 161, 153-160.	4.5	348
7	Depletion of 26S Proteasomes in Mouse Brain Neurons Causes Neurodegeneration and Lewy-Like Inclusions Resembling Human Pale Bodies. <i>Journal of Neuroscience</i> , 2008, 28, 8189-8198.	3.6	290
8	Epidemiological Pathology of Dementia: Attributable-Risks at Death in the Medical Research Council Cognitive Function and Ageing Study. <i>PLoS Medicine</i> , 2009, 6, e1000180.	8.4	238
9	Chitosan as a Nasal Delivery System: The Effect of Chitosan Solutions on in Vitro and in Vivo Mucociliary Transport Rates in Human Turbinates and Volunteers. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 509-513.	3.3	227
10	Visualization of nigrosome 1 and its loss in PD. <i>Neurology</i> , 2013, 81, 534-540.	1.1	208
11	Motor Neurone Disease-inclusion Dementia. <i>Experimental Neurology</i> , 1996, 5, 339-350.	1.7	206
12	Lysosomes as key organelles in the pathogenesis of prion encephalopathies. <i>Journal of Pathology</i> , 1992, 166, 333-341.	4.5	178
13	Neurofibrillary tangles of Alzheimer's disease brains contain 14-3-3 proteins. <i>Neuroscience Letters</i> , 1996, 209, 57-60.	2.1	174
14	Architecture and distribution of human corneal nerves. <i>British Journal of Ophthalmology</i> , 2010, 94, 784-789.	3.9	174
15	Ubiquitin in Neurodegenerative Diseases. <i>Brain Pathology</i> , 1993, 3, 55-65.	4.1	173
16	Pediatric Ependymoma: Biological Perspectives. <i>Molecular Cancer Research</i> , 2009, 7, 765-786.	3.4	162
17	The new neuropathology of degenerative frontotemporal dementias. <i>Acta Neuropathologica</i> , 1996, 91, 127-134.	7.7	156
18	Spinal Cord Gray Matter Demyelination in Multiple Sclerosis—A Novel Pattern of Residual Plaque Morphology. <i>Brain Pathology</i> , 2006, 16, 202-208.	4.1	126

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19	New pathological findings in amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 1994, 124, 38-51.	0.6	121
20	Ubiquitin in health and disease. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1089, 141-157.	2.4	117
21	Optimization of Amniotic Membrane (AM) Denuding for Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2008, 14, 371-381.	2.1	114
22	Copy Number Gain of 1q25 Predicts Poor Progression-Free Survival for Pediatric Intracranial Ependymomas and Enables Patient Risk Stratification: A Prospective European Clinical Trial Cohort Analysis on Behalf of the Children's Cancer Leukaemia Group (CCLG), Soci�t� Fran�saise d'Oncologie P�diatrique (SFOP), and International Society for Pediatric Oncology (SIOP). <i>Clinical Cancer Research</i> , 2012, 18, 2001-2011.	7.0	111
23	Morphological characteristics of the limbal epithelial crypt. <i>British Journal of Ophthalmology</i> , 2007, 91, 514-519.	3.9	109
24	Dementia with β -amyloid deposition: involvement of β -crystallin supports two main diseases. <i>Lancet</i> , The, 1990, 336, 515-516.	13.7	105
25	Role of ubiquitin-mediated proteolysis in the pathogenesis of neurodegenerative disorders. <i>Ageing Research Reviews</i> , 2003, 2, 343-356.	10.9	105
26	Homozygous loss of ADAM3A revealed by genome-wide analysis of pediatric high-grade glioma and diffuse intrinsic pontine gliomas. <i>Neuro-Oncology</i> , 2011, 13, 212-222.	1.2	103
27	Granulocyte-Colony Stimulating Factor for Mobilizing Bone Marrow Stem Cells in Subacute Stroke. <i>Stroke</i> , 2012, 43, 405-411.	2.0	99
28	Intraventricular Neurocytoma: A Clinical and Pathological Study of Three Cases and Review of the Literature. <i>Neurosurgery</i> , 1990, 26, 1045-1054.	1.1	92
29	Multifactorial analysis of predictors of outcome in pediatric intracranial ependymoma. <i>Neuro-Oncology</i> , 2008, 10, 675-689.	1.2	90
30	Spinal Cord Neuronal Pathology in Multiple Sclerosis. <i>Brain Pathology</i> , 2009, 19, 642-649.	4.1	81
31	Ubiquitin is a component of neurofibrillary tangles in a variety of neurodegenerative diseases. <i>Neuroscience Letters</i> , 1988, 94, 211-217.	2.1	75
32	The ubiquitin protein catabolic disorders. <i>Neuropathology and Applied Neurobiology</i> , 2001, 27, 171-179.	3.2	70
33	Genome-wide molecular characterization of central nervous system primitive neuroectodermal tumor and pineoblastoma. <i>Neuro-Oncology</i> , 2011, 13, 866-879.	1.2	67
34	Duplication of amyloid precursor protein (APP), but not prion protein (PRNP) gene is a significant cause of early onset dementia in a large UK series. <i>Neurobiology of Aging</i> , 2012, 33, 426.e13-426.e21.	3.1	67
35	In vivo confocal microscopic findings in patients with limbal stem cell deficiency. <i>British Journal of Ophthalmology</i> , 2012, 96, 523-529.	3.9	64
36	Pediatric brain tumor cancer stem cells: cell cycle dynamics, DNA repair, and etoposide extrusion. <i>Neuro-Oncology</i> , 2011, 13, 70-83.	1.2	60

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37	Alcohol Delamination of the Corneal Epithelium: An Alternative in the Management of Recurrent Corneal Erosions. <i>Ophthalmology</i> , 2006, 113, 404-411.	5.2	59
38	Concurrence of multiple sclerosis and amyotrophic lateral sclerosis in patients with hexanucleotide repeat expansions of <i>C9ORF72</i> . <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 79-87.	1.9	57
39	Evaluation of polymorphisms in the presenilin-1 gene and the butyrylcholinesterase gene as risk factors in sporadic Alzheimer's disease. <i>European Journal of Human Genetics</i> , 1999, 7, 659-663.	2.8	56
40	Histological and Confocal Microscopy Changes in Chronic Corneal Edema: Implications for Endothelial Transplantation. , 2011, 52, 8193.		54
41	Pathological lesions of Alzheimer's disease and dementia with Lewy bodies brains exhibit immunoreactivity to an ATPase that is a regulatory subunit of the 26S proteasome. <i>Neuroscience Letters</i> , 1996, 219, 167-170.	2.1	53
42	Spinal Cord Atrophy in Multiple Sclerosis Caused by White Matter Volume Loss. <i>Archives of Neurology</i> , 2005, 62, 1859.	4.5	52
43	CD105 (Endoglin) exerts prognostic effects via its role in the microvascular niche of paediatric high grade glioma. <i>Acta Neuropathologica</i> , 2012, 124, 99-110.	7.7	51
44	The collagen matrix of the human trabecular meshwork is an extension of the novel pre-Descemet's layer (Dua's layer). <i>British Journal of Ophthalmology</i> , 2014, 98, 691-697.	3.9	49
45	All nasal polyps need histological examination: an audit-based appraisal of clinical practice. <i>Journal of Laryngology and Otology</i> , 2000, 114, 755-759.	0.8	46
46	Establishing a Pathological Diagnosis in Degenerative Dementias. <i>Brain Pathology</i> , 1998, 8, 403-406.	4.1	46
47	Ubiquitin conjugate immunoreactivity in the brains of scrapie infected mice. <i>Journal of Pathology</i> , 1990, 162, 61-66.	4.5	45
48	Differences in the vascular patterns of basal and squamous cell skin carcinomas explain their differences in clinical behaviour. <i>Journal of Pathology</i> , 2003, 200, 308-313.	4.5	45
49	Corneal Intraepithelial Neoplasia: In Vivo Confocal Microscopic Study With Histopathologic Correlation. <i>American Journal of Ophthalmology</i> , 2011, 151, 238-247.	3.3	43
50	Endosome-Lysosomes, Ubiquitin and Neurodegeneration. <i>Advances in Experimental Medicine and Biology</i> , 1996, 389, 261-269.	1.6	43
51	The latent membrane protein-1 in Epstein-Barr virus-transformed lymphoblastoid cells is found with ubiquitin-protein conjugates and heat-shock protein 70 in lysosomes oriented around the microtubule organizing centre. <i>Journal of Pathology</i> , 1991, 164, 203-214.	4.5	42
52	Parkinsonism in motor neuron disease: case report and literature review. <i>Acta Neuropathologica</i> , 1995, 89, 275-283.	7.7	39
53	The ubiquitin-proteasome system and neurodegenerative disorders. <i>Essays in Biochemistry</i> , 2005, 41, 157-171.	4.7	39
54	Immunogold localisation of ubiquitin-protein conjugates in primary (azurophilic) granules of polymorphonuclear neutrophils. <i>FEBS Letters</i> , 1991, 279, 175-178.	2.8	38

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55	Immunoreactivity to ubiquitinâ€”protein conjugates is present early in the disease process in the brains of scrapie-infected mice. <i>Journal of Pathology</i> , 1992, 168, 169-177.	4.5	38
56	Histologic Features of Transplanted Amniotic Membrane: Implications for Corneal Wound Healing. <i>Ophthalmology</i> , 2009, 116, 1287-1295.	5.2	38
57	Repeated novel cage exposure-induced improvement of early Alzheimer's-like cognitive and amyloid changes in TASTPM mice is unrelated to changes in brain endocannabinoids levels. <i>Neurobiology of Aging</i> , 2009, 30, 1099-1113.	3.1	37
58	ABCA7 p.G215S as potential protective factor for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 46, 235.e1-235.e9.	3.1	37
59	Continued 26S proteasome dysfunction in mouse brain cortical neurons impairs autophagy and the Keap1-Nrf2 oxidative defence pathway. <i>Cell Death and Disease</i> , 2018, 8, e2531-e2531.	6.3	35
60	Immunoreactivity to Lys63-linked polyubiquitin is a feature of neurodegeneration. <i>Neuroscience Letters</i> , 2009, 460, 205-208.	2.1	33
61	Corneal Nerve Aberrations in Bullous Keratopathy. <i>American Journal of Ophthalmology</i> , 2011, 151, 840-849.e1.	3.3	33
62	Mendelian adult-onset leukodystrophy genes in Alzheimer's disease: critical influence of CSF1R and NOTCH3. <i>Neurobiology of Aging</i> , 2018, 66, 179.e17-179.e29.	3.1	32
63	Ubiquitin and the Molecular Pathology of Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2001, 487, 169-186.	1.6	32
64	EXTRACTION AND PROTEIN SEQUENCING OF IMMUNOGLOBULIN LIGHT CHAIN FROM FORMALIN-FIXED CEREBROVASCULAR AMYLOID DEPOSITS. <i>Journal of Pathology</i> , 1996, 180, 455-459.	4.5	31
65	Expression of Sox1, Sox2 and Sox9 is maintained in adult human cerebellar cortex. <i>Neuroscience Letters</i> , 2009, 450, 114-116.	2.1	31
66	Neurofibrillary tangles in progressive supranuclear palsy brains exhibit immunoreactivity to frameshift mutant ubiquitin-B protein. <i>Neuroscience Letters</i> , 2000, 279, 69-72.	2.1	30
67	Polygenic risk score in postmortem diagnosed sporadic early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 62, 244.e1-244.e8.	3.1	30
68	Chapter 3 Ubiquitin and its role in neurodegeneration. <i>Progress in Brain Research</i> , 1998, 117, 23-34.	1.4	27
69	Microsatellite polymorphism of the ϵ 1 -antichymotrypsin gene locus associated with sporadic Alzheimer's disease. <i>Human Genetics</i> , 1996, 99, 27-31.	3.8	26
70	Is malfunction of the ubiquitin proteasome system the primary cause of α -synucleinopathies and other chronic human neurodegenerative disease?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 683-690.	3.8	26
71	Immunohistochemical localization of ubiquitin cross-reactive protein in human tissues. <i>Journal of Pathology</i> , 1995, 177, 163-169.	4.5	25
72	Loss of <i>INI1</i> Protein Expression Defines a Subgroup of Aggressive Central Nervous System Primitive Neuroectodermal Tumors. <i>Brain Pathology</i> , 2013, 23, 19-27.	4.1	24

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73	The UPS and autophagy in chronic neurodegenerative disease: Six of one and half a dozen of the other? Or not?. <i>Autophagy</i> , 2009, 5, 224-227.	9.1	23
74	Implications for oxidative stress and astrocytes following 26S proteasomal depletion in mouse forebrain neurones. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1930-1938.	3.8	23
75	Pale Body-Like Inclusion Formation and Neurodegeneration following Depletion of 26S Proteasomes in Mouse Brain Neurones are Independent of α -Synuclein. <i>PLoS ONE</i> , 2013, 8, e54711.	2.5	23
76	Ubiquitin and the molecular pathology of chronic degenerative diseases. <i>Journal of Pathology</i> , 1991, 163, 279-281.	4.5	21
77	Mutation analysis of sporadic early-onset Alzheimer's disease using the NeuroX array. <i>Neurobiology of Aging</i> , 2017, 49, 215.e1-215.e8.	3.1	21
78	Neuropathology of dementia with Lewy bodies. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 89, 321-330.	1.8	20
79	Application of Formalin Fixation to the Purification of Amyloid Proteins. <i>Analytical Biochemistry</i> , 1997, 253, 142-144.	2.4	19
80	Familial myopathy with tubular aggregates associated with abnormal pupils. <i>Neurology</i> , 2004, 63, 1111-1113.	1.1	19
81	Ageing and dementia. , 2008, , 1031-1152.		19
82	DIFFUSE LEWY BODY DISEASE. <i>Lancet, The</i> , 1989, 333, 323-324.	13.7	18
83	Novel Cage Stress Alters Remote Contextual Fear Extinction and Regional T2 Magnetic Resonance Relaxation Times in TASTPM Mice Overexpressing Amyloid. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1049-1068.	2.6	17
84	Multidrug resistance gene (MDR 1) expression in neuro-axial tumours of children and young adults. <i>British Journal of Neurosurgery</i> , 1994, 8, 585-591.	0.8	16
85	Application of Ubiquitin Immunohistochemistry to the Diagnosis of Disease. <i>Methods in Enzymology</i> , 2005, 399, 86-119.	1.0	15
86	Ubiquitin, Lysosomes, and Neurodegenerative Diseases. <i>Annals of the New York Academy of Sciences</i> , 1992, 674, 149-160.	3.8	14
87	Cerebral vasculitis associated with hairy cell leukemia. <i>Cancer</i> , 1987, 60, 3025-3028.	4.1	13
88	Non- β -Amyloid Alzheimer Degenerative Dementias. <i>Brain Pathology</i> , 1998, 8, 295-297.	4.1	13
89	Magnetic Resonance Detected Carotid Plaque Hemorrhage is Associated With Inflammatory Features in Symptomatic Carotid Plaques. <i>Annals of Vascular Surgery</i> , 2013, 27, 655-661.	0.9	13
90	A novel mitochondrial tRNAGlu (MTTE) gene mutation causing chronic progressive external ophthalmoplegia at low levels of heteroplasmy in muscle. <i>Journal of the Neurological Sciences</i> , 2010, 298, 140-144.	0.6	12

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91	Screening exons 16 and 17 of the amyloid precursor protein gene in sporadic early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 39, 220.e1-220.e7.	3.1	12
92	Systemic Metastasis from Primary Intracranial Germinoma: A case report and literature review. <i>British Journal of Neurosurgery</i> , 1989, 3, 717-723.	0.8	11
93	An Electron Microscopic Study of Muscle Capillary Wall Thickening in Systemic Lupus Erythematosus. <i>Lupus</i> , 1994, 3, 401-407.	1.6	11
94	Author reply. <i>Ophthalmology</i> , 2014, 121, e25-e26.	5.2	11
95	Apolipoprotein E allele frequencies in sporadic inclusion body myositis. , 1996, 19, 1605-1607.		10
96	Degenerative Non- α Alzheimer Dementias. <i>Brain Pathology</i> , 1997, 7, 1047-1051.	4.1	9
97	Ubiquitin and the Molecular Pathology of Human Disease. , 1998, , 429-462.		9
98	Ubiquitin, lysosomes and neurodegenerative diseases. <i>Biochemical Society Transactions</i> , 1992, 20, 645-648.	3.4	6
99	Diffuse Keratoconjunctival Proliferation. <i>JAMA Ophthalmology</i> , 2008, 126, 1226.	2.4	5
100	Re: Jester et al.: Lessons in Corneal Structure and Mechanics to Guide the Corneal Surgeon (<i>Ophthalmology</i> 2013;120:1715-1717). <i>Ophthalmology</i> , 2014, 121, e18.	5.2	5
101	A role for lysosomes in scrapie pathogenesis. <i>Biochemical Society Transactions</i> , 1992, 20, 265S-265S.	3.4	4
102	Cerebral Venous and Systemic Thrombosis in Resolving Ulcerative Colitis. <i>Cerebrovascular Diseases</i> , 1993, 3, 178-179.	1.7	4
103	Global democratic consensus on neuropathological disease criteria. <i>Lancet Neurology</i> , The, 2002, 1, 340.	10.2	3
104	Parkinsonism in motor neuron disease: case report and literature review. <i>Acta Neuropathologica</i> , 1995, 89, 275-283.	7.7	3
105	MITOCHONDRIAL CYTOPATHY AND NEURODEGENERATIVE DISEASES OF OLD AGE. <i>Lancet</i> , The, 1989, 333, 1266-1267.	13.7	2
106	A Head and Neck Cancer Patient Dies! Why Perform an Autopsy: for the Relatives, for the Clinicians or for the Pathologists?. <i>Acta Oto-Laryngologica</i> , 2003, 123, 348-354.	0.9	2
107	A Free Community Approach to Classifying Disease. <i>PLoS Medicine</i> , 2004, 1, e16.	8.4	2
108	Pathology of Degenerative Diseases of the Nervous System. , 2004, , 169-196.		2

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109	Tissue responses to damage. , 2009, , 35-54.		2
110	Blood circulatory system. , 2009, , 151-188.		1
111	Is there a common intracellular bioreactor in which amyloid formation is initiated in neurodegenerative diseases?. Biochemical Society Transactions, 1994, 22, 151-155.	3.4	0
112	Can neurodegeneration be separated from neuropathological hallmarks of chronic idiopathic human neurodegenerative disease? A perspective from modelling!. Biochemical Society Transactions, 2011, 39, 917-919.	3.4	0