James Lowe

List of Publications by Year in descending order

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	Mendelian adult-onset leukodystrophy genes in Alzheimer's disease: critical influence of CSF1R and NOTCH3. Neurobiology of Aging, 2018, 66, 179.e17-179.e29.	3.1	32
2	Continued 26S proteasome dysfunction in mouse brain cortical neurons impairs autophagy and the Keap1-Nrf2 oxidative defence pathway. Cell Death and Disease, 2018, 8, e2531-e2531.	6.3	35
3	Polygenic risk score in postmortem diagnosed sporadic early-onset Alzheimer's disease. Neurobiology of Aging, 2018, 62, 244.e1-244.e8.	3.1	30
4	Mutation analysis of sporadic early-onset Alzheimer's disease using the NeuroX array. Neurobiology of Aging, 2017, 49, 215.e1-215.e8.	3.1	21
5	ABCA7 p.G215S as potential protective factor for Alzheimer's disease. Neurobiology of Aging, 2016, 46, 235.e1-235.e9.	3.1	37
6	Screening exons 16 and 17 of the amyloid precursor protein gene in sporadic early-onset Alzheimer's disease. Neurobiology of Aging, 2016, 39, 220.e1-220.e7.	3.1	12
7	Author reply. Ophthalmology, 2014, 121, e25-e26.	5.2	11
8	Rare coding variants in the phospholipase D3 gene confer risk for Alzheimerâ€™s disease. Nature, 2014, 505, 550-554.	27.8	425
9	The collagen matrix of the human trabecular meshwork is an extension of the novel pre-Descemet's layer (Dua's layer). British Journal of Ophthalmology, 2014, 98, 691-697.	3.9	49
10	Re: Jester et al.: Lessons in Corneal Structure and Mechanics to Guide the Corneal Surgeon (Ophthalmology 2013;120:1715-1717). Ophthalmology, 2014, 121, e18.	5.2	5
11	Magnetic Resonance Detected Carotid Plaque Hemorrhage is Associated With Inflammatory Features in Symptomatic Carotid Plaques. Annals of Vascular Surgery, 2013, 27, 655-661.	0.9	13
12	Implications for oxidative stress and astrocytes following 26S proteasomal depletion in mouse forebrain neurones. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1930-1938.	3.8	23
13	Loss of <scp>INI1</scp> Protein Expression Defines a Subgroup of Aggressive Central Nervous System Primitive Neuroectodermal Tumors. Brain Pathology, 2013, 23, 19-27.	4.1	24
14	Human Corneal Anatomy Redefined. Ophthalmology, 2013, 120, 1778-1785.	5.2	378
15	Concurrence of multiple sclerosis and amyotrophic lateral sclerosis in patients with hexanucleotide repeat expansions ofC9ORF72. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 79-87.	1.9	57
16	Visualization of nigrosome 1 and its loss in PD. Neurology, 2013, 81, 534-540.	1.1	208
17	Pale Body-Like Inclusion Formation and Neurodegeneration following Depletion of 26S Proteasomes in Mouse Brain Neurones are Independent of Î±-Synuclein. PLoS ONE, 2013, 8, e54711.	2.5	23
18	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), SociÃ©tÃ© FranÃ§aise d'Oncologie PÃ©diatrique (SFOP), and International Society for Pediatric Oncology (SIOP). Clinical Cancer Research, 2012, 18, 2001-2011.	7.0	111

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19	In vivo confocal microscopic findings in patients with limbal stem cell deficiency. British Journal of Ophthalmology, 2012, 96, 523-529.	3.9	64
20	Granulocyte-Colony Stimulating Factor for Mobilizing Bone Marrow Stem Cells in Subacute Stroke. Stroke, 2012, 43, 405-411.	2.0	99
21	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. Neurobiology of Aging, 2012, 33, 426.e13-426.e21.	3.1	67
22	CD105 (Endoglin) exerts prognostic effects via its role in the microvascular niche of paediatric high grade glioma. Acta Neuropathologica, 2012, 124, 99-110.	7.7	51
23	Corneal Intraepithelial Neoplasia: In Vivo Confocal Microscopic Study With Histopathologic Correlation. American Journal of Ophthalmology, 2011, 151, 238-247.	3.3	43
24	Corneal Nerve Aberrations in Bullous Keratopathy. American Journal of Ophthalmology, 2011, 151, 840-849.e1.	3.3	33
25	Histological and Confocal Microscopy Changes in Chronic Corneal Edema: Implications for Endothelial Transplantation. , 2011, 52, 8193.		54
26	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
27	Ubiquitin-like protein conjugation and the ubiquitinâ€“proteasome system as drug targets. Nature Reviews Drug Discovery, 2011, 10, 29-46.	46.4	456
28	Pediatric brain tumor cancer stem cells: cell cycle dynamics, DNA repair, and etoposide extrusion. Neuro-Oncology, 2011, 13, 70-83.	1.2	60
29	Homozygous loss of ADAM3A revealed by genome-wide analysis of pediatric high-grade glioma and diffuse intrinsic pontine gliomas. Neuro-Oncology, 2011, 13, 212-222.	1.2	103
30	Genome-wide molecular characterization of central nervous system primitive neuroectodermal tumor and pineoblastoma. Neuro-Oncology, 2011, 13, 866-879.	1.2	67
31	Novel Cage Stress Alters Remote Contextual Fear Extinction and Regional T2 Magnetic Resonance Relaxation Times in TASTPM Mice Overexpressing Amyloid. Journal of Alzheimer's Disease, 2010, 20, 1049-1068.	2.6	17
32	Integrated Molecular Genetic Profiling of Pediatric High-Grade Gliomas Reveals Key Differences With the Adult Disease. Journal of Clinical Oncology, 2010, 28, 3061-3068.	1.6	558
33	A novel mitochondrial tRNAGlu (MTTE) gene mutation causing chronic progressive external ophthalmoplegia at low levels of heteroplasmy in muscle. Journal of the Neurological Sciences, 2010, 298, 140-144.	0.6	12
34	Architecture and distribution of human corneal nerves. British Journal of Ophthalmology, 2010, 94, 784-789.	3.9	174
35	The UPS and autophagy in chronic neurodegenerative disease: Six of one and half a dozen of the otherâ€”Or not?. Autophagy, 2009, 5, 224-227.	9.1	23
36	Epidemiological Pathology of Dementia: Attributable-Risks at Death in the Medical Research Council Cognitive Function and Ageing Study. PLoS Medicine, 2009, 6, e1000180.	8.4	238

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37	Spinal Cord Neuronal Pathology in Multiple Sclerosis. Brain Pathology, 2009, 19, 642-649.	4.1	81
38	Pediatric Ependymoma: Biological Perspectives. Molecular Cancer Research, 2009, 7, 765-786.	3.4	162
39	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. Neurobiology of Aging, 2009, 30, 1099-1113.	3.1	37
40	Histologic Features of Transplanted Amniotic Membrane: Implications for Corneal Wound Healing. Ophthalmology, 2009, 116, 1287-1295.	5.2	38
41	Expression of Sox1, Sox2 and Sox9 is maintained in adult human cerebellar cortex. Neuroscience Letters, 2009, 450, 114-116.	2.1	31
42	Immunoreactivity to Lys63-linked polyubiquitin is a feature of neurodegeneration. Neuroscience Letters, 2009, 460, 205-208.	2.1	33
43	Blood circulatory system. , 2009, , 151-188.		1
44	Tissue responses to damage. , 2009, , 35-54.		2
45	Optimization of Amniotic Membrane (AM) Denuding for Tissue Engineering. Tissue Engineering - Part C: Methods, 2008, 14, 371-381.	2.1	114
46	Is malfunction of the ubiquitin proteasome system the primary cause of Î±-synucleinopathies and other chronic human neurodegenerative disease?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 683-690.	3.8	26
47	Multifactorial analysis of predictors of outcome in pediatric intracranial ependymoma. Neuro-Oncology, 2008, 10, 675-689.	1.2	90
48	Depletion of 26S Proteasomes in Mouse Brain Neurons Causes Neurodegeneration and Lewy-Like Inclusions Resembling Human Pale Bodies. Journal of Neuroscience, 2008, 28, 8189-8198.	3.6	290
49	Neuropathology of dementia with Lewy bodies. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2008, 89, 321-330.	1.8	20
50	Diffuse Keratoconjunctival Proliferation. JAMA Ophthalmology, 2008, 126, 1226.	2.4	5
51	Ageing and dementia. , 2008, , 1031-1152.		19
52	Morphological characteristics of the limbal epithelial crypt. British Journal of Ophthalmology, 2007, 91, 514-519.	3.9	109
53	Alcohol Delamination of the Corneal Epithelium: An Alternative in the Management of Recurrent Corneal Erosions. Ophthalmology, 2006, 113, 404-411.	5.2	59
54	Spinal Cord Gray Matter Demyelination in Multiple Sclerosisâ€"A Novel Pattern of Residual Plaque Morphology. Brain Pathology, 2006, 16, 202-208.	4.1	126

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55	Spinal Cord Atrophy in Multiple Sclerosis Caused by White Matter Volume Loss. Archives of Neurology, 2005, 62, 1859.	4.5	52
56	Application of Ubiquitin Immunohistochemistry to the Diagnosis of Disease. Methods in Enzymology, 2005, 399, 86-119.	1.0	15
57	The ubiquitinâ€“proteasome system and neurodegenerative disorders. Essays in Biochemistry, 2005, 41, 157-171.	4.7	39
58	Familial myopathy with tubular aggregates associated with abnormal pupils. Neurology, 2004, 63, 1111-1113.	1.1	19
59	A Free Community Approach to Classifying Disease. PLoS Medicine, 2004, 1, e16.	8.4	2
60	Pathology of Degenerative Diseases of the Nervous System. , 2004, , 169-196.		2
61	Differences in the vascular patterns of basal and squamous cell skin carcinomas explain their differences in clinical behaviour. Journal of Pathology, 2003, 200, 308-313.	4.5	45
62	Role of ubiquitin-mediated proteolysis in the pathogenesis of neurodegenerative disorders. Ageing Research Reviews, 2003, 2, 343-356.	10.9	105
63	A Head and Neck Cancer Patient Dies! Why Perform an Autopsy: for the Relatives, for the Clinicians or for the Pathologists?. Acta Oto-Laryngologica, 2003, 123, 348-354.	0.9	2
64	Global democratic consensus on neuropathological disease criteria. Lancet Neurology, The, 2002, 1, 340.	10.2	3
65	The ubiquitin protein catabolic disorders. Neuropathology and Applied Neurobiology, 2001, 27, 171-179.	3.2	70
66	Ubiquitin and the Molecular Pathology of Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2001, 487, 169-186.	1.6	32
67	All nasal polyps need histological examination: an audit-based appraisal of clinical practice. Journal of Laryngology and Otology, 2000, 114, 755-759.	0.8	46
68	Neurofibrillary tangles in progressive supranuclear palsy brains exhibit immunoreactivity to frameshift mutant ubiquitin-B protein. Neuroscience Letters, 2000, 279, 69-72.	2.1	30
69	Evaluation of polymorphisms in the presenilin-1 gene and the butyrylcholinesterase gene as risk factors in sporadic Alzheimer's disease. European Journal of Human Genetics, 1999, 7, 659-663.	2.8	56
70	Chapter 3 Ubiquitin and its role in neurodegeneration. Progress in Brain Research, 1998, 117, 23-34.	1.4	27
71	Nonâ€Alzheimer Degenerative Dementias. Brain Pathology, 1998, 8, 295-297.	4.1	13
72	Establishing a Pathological Diagnosis in Degenerative Dementias. Brain Pathology, 1998, 8, 403-406.	4.1	46

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73	Ubiquitin and the Molecular Pathology of Human Disease. , 1998, , 429-462.		9
74	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. Journal of Pharmaceutical Sciences, 1997, 86, 509-513.	3.3	227
75	Degenerative Nonâ€Alzheimer Dementias. Brain Pathology, 1997, 7, 1047-1051.	4.1	9
76	Application of Formalin Fixation to the Purification of Amyloid Proteins. Analytical Biochemistry, 1997, 253, 142-144.	2.4	19
77	Neurofibrillary tangles of Alzheimer's disease brains contain 14-3-3 proteins. Neuroscience Letters, 1996, 209, 57-60.	2.1	174
78	Motor Neurone Disease-inclusion Dementia. Experimental Neurology, 1996, 5, 339-350.	1.7	206
79	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. Neuroscience Letters, 1996, 219, 167-170.	2.1	53
80	The new neuropathology of degenerative frontotemporal dementias. Acta Neuropathologica, 1996, 91, 127-134.	7.7	156
81	Microsatellite polymorphism of the Î± 1 -antichymotrypsin gene locus associated with sporadic Alzheimer's disease. Human Genetics, 1996, 99, 27-31.	3.8	26
82	EXTRACTION AND PROTEIN SEQUENCING OF IMMUNOGLOBULIN LIGHT CHAIN FROM FORMALIN-FIXED CEREBROVASCULAR AMYLOID DEPOSITS. Journal of Pathology, 1996, 180, 455-459.	4.5	31
83	Apolipoprotein E allele frequencies in sporadic inclusion body myositis. , 1996, 19, 1605-1607.		10
84	Endosome-Lysosomes, Ubiquitin and Neurodegeneration. Advances in Experimental Medicine and Biology, 1996, 389, 261-269.	1.6	43
85	Parkinsonism in motor neuron disease: case report and literature review. Acta Neuropathologica, 1995, 89, 275-283.	7.7	39
86	Immunohistochemical localization of ubiquitin cross-reactive protein in human tissues. Journal of Pathology, 1995, 177, 163-169.	4.5	25
87	Parkinsonism in motor neuron disease: case report and literature review. Acta Neuropathologica, 1995, 89, 275-283.	7.7	3
88	An Electron Microscopic Study of Muscle Capillary Wall Thickening in Systemic Lupus Erythematosus. Lupus, 1994, 3, 401-407.	1.6	11
89	Multidrug resistance gene (MDR 1) expression in neuro-axial tumours of children and young adults. British Journal of Neurosurgery, 1994, 8, 585-591.	0.8	16
90	New pathological findings in amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 1994, 124, 38-51.	0.6	121

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91	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
92	Ubiquitin in Neurodegenerative Diseases. Brain Pathology, 1993, 3, 55-65.	4.1	173
93	Cerebral Venous and Systemic Thrombosis in Resolving Ulcerative Colitis. Cerebrovascular Diseases, 1993, 3, 178-179.	1.7	4
94	Ubiquitin, lysosomes and neurodegenerative diseases. Biochemical Society Transactions, 1992, 20, 645-648.	3.4	6
95	A role for lysosomes in scrapie pathogenesis. Biochemical Society Transactions, 1992, 20, 265S-265S.	3.4	4
96	Ubiquitin, Lysosomes, and Neurodegenerative Diseases. Annals of the New York Academy of Sciences, 1992, 674, 149-160.	3.8	14
97	Lysosomes as key organelles in the pathogenesis of prion encephalopathies. Journal of Pathology, 1992, 166, 333-341.	4.5	178
98	Immunoreactivity to ubiquitinâ€"protein conjugates is present early in the disease process in the brains of scrapie-infected mice. Journal of Pathology, 1992, 168, 169-177.	4.5	38
99	Immunogold localisation of ubiquitin-protein conjugates in primary (azurophilic) granules of polymorphonuclear neutrophils. FEBS Letters, 1991, 279, 175-178.	2.8	38
100	Ubiquitin in health and disease. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1089, 141-157.	2.4	117
101	Ubiquitin and the molecular pathology of chronic degenerative diseases. Journal of Pathology, 1991, 163, 279-281.	4.5	21
102	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. Journal of Pathology, 1991, 164, 203-214.	4.5	42
103	Intraventricular Neurocytoma: A Clinical and Pathological Study of Three Cases and Review of the Literature. Neurosurgery, 1990, 26, 1045-1054.	1.1	92
104	Ubiquitin carboxyl-terminal hydrolase (PGP 9.5) is selectively present in ubiquitinated inclusion bodies characteristic of human neurodegenerative diseases. Journal of Pathology, 1990, 161, 153-160.	4.5	348
105	Ubiquitin conjugate immunoreactivity in the brains of scrapie infected mice. Journal of Pathology, 1990, 162, 61-66.	4.5	45
106	Dementia with Î²-amyloid deposition: involvement of Î±B-crystallin supports two main diseases. Lancet, The, 1990, 336, 515-516.	13.7	105
107	Systemic Metastasis from Primary Intracranial Germinoma: A case report and literature review. British Journal of Neurosurgery, 1989, 3, 717-723.	0.8	11
108	DIFFUSE LEWY BODY DISEASE. Lancet, The, 1989, 333, 323-324.	13.7	18

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109	MITOCHONDRIAL CYTOPATHY AND NEURODEGENERATIVE DISEASES OF OLD AGE. Lancet, The, 1989, 333, 1266-1267.	13.7	2
110	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. Journal of Pathology, 1988, 155, 9-15.	4.5	549
111	Ubiquitin is a component of neurofibrillary tangles in a variety of neurodegenerative diseases. Neuroscience Letters, 1988, 94, 211-217.	2.1	75
112	Cerebral vasculitis associated with hairy cell leukemia. Cancer, 1987, 60, 3025-3028.	4.1	13