

Richard A Armstrong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

262
papers

5,792
citations

38
h-index

63
g-index

267
ext. papers

6,763
ext. citations

4.1
avg, IF

6.96
L-index

#	Paper	IF	Citations
262	The Effect of Age-Related Macular Degeneration on Polarization Pattern Perception. <i>Translational Vision Science and Technology</i> , 2021 , 10, 8	3.3	0
261	The Potential of Pioneer Lichens in Terraforming Mars 2021 , 533-553		
260	Cortical laminar distribution of β amyloid deposits in five neurodegenerative disorders. <i>Folia Neuropathologica</i> , 2020 , 58, 1-9	2.6	4
259	Growth Curve of the Crustose Lichen Ochrolechia parella Obtained from Marginal Growth Rings. <i>Annales Botanici Fennici</i> , 2020 , 57, 115	0.3	
258	The Clinical Application of Polarization Pattern Perception. <i>Translational Vision Science and Technology</i> , 2020 , 9, 31	3.3	2
257	What causes neurodegenerative disease?. <i>Folia Neuropathologica</i> , 2020 , 58, 93-112	2.6	8
256	Should Pearson's correlation coefficient be avoided?. <i>Ophthalmic and Physiological Optics</i> , 2019 , 39, 316-327	4.27	29
255	Risk factors for Alzheimer's disease. <i>Folia Neuropathologica</i> , 2019 , 57, 87-105	2.6	101
254	Cortical degeneration in chronic traumatic encephalopathy and Alzheimer's disease neuropathologic change. <i>Neurological Sciences</i> , 2019 , 40, 529-533	3.5	8
253	Visual problems associated with traumatic brain injury. <i>Australasian journal of optometry, The</i> , 2018 , 101, 716-726	2.7	55
252	Refractive error and vision correction in a general sports-playing population. <i>Australasian journal of optometry, The</i> , 2018 , 101, 225-236	2.7	3
251	A comparison of the spatial patterns of β amyloid (A β) deposits in five neurodegenerative disorders. <i>Folia Neuropathologica</i> , 2018 , 56, 284-292	2.6	3
250	The quantitative analysis of neurodegenerative disease: classification, nodes, constellations, and multivariate geometry. <i>Folia Neuropathologica</i> , 2018 , 56, 1-13	2.6	1
249	A quantitative study of tau pathology in 11 cases of chronic traumatic encephalopathy. <i>Neuropathology and Applied Neurobiology</i> , 2017 , 43, 154-166	5.2	16
248	Laminar degeneration of frontal and temporal cortex in Parkinson disease dementia. <i>Neurological Sciences</i> , 2017 , 38, 667-671	3.5	6
247	Evidence from spatial pattern analysis for the anatomical spread of β synuclein pathology in Parkinson's disease dementia. <i>Folia Neuropathologica</i> , 2017 , 55, 23-30	2.6	2
246	Visual Dysfunction in Parkinson's Disease. <i>International Review of Neurobiology</i> , 2017 , 134, 921-946	4.4	35

245	Recommendations for analysis of repeated-measures designs: testing and correcting for sphericity and use of manova and mixed model analysis. <i>Ophthalmic and Physiological Optics</i> , 2017 , 37, 585-593	4.1	25
244	A Study of Fragmentation Rates in Lichen Populations on Rock Surfaces Using the Kaplan-Meir Estimator and Cox Regression. <i>Annales Botanici Fennici</i> , 2017 , 54, 169-178	0.3	2
243	Pathology of the Superior Colliculus in Chronic Traumatic Encephalopathy. <i>Optometry and Vision Science</i> , 2017 , 94, 33-42	2.1	7
242	Clustering of tau-immunoreactive pathology in chronic traumatic encephalopathy. <i>Journal of Neural Transmission</i> , 2017 , 124, 185-192	4.3	6
241	Adaptation of Lichens to Extreme Conditions 2017 , 1-27		4
240	Neuronal cytoplasmic inclusions in tau, TDP-43, and FUS molecular subtypes of frontotemporal lobar degeneration share similar spatial patterns. <i>Folia Neuropathologica</i> , 2017 , 55, 185-192	2.6	8
239	White matter pathology in sporadic frontotemporal lobar degeneration with TDP-43 proteinopathy 2017 , 36 (2017), 66-72		5
238	Visual signs and symptoms of corticobasal degeneration. <i>Australasian journal of optometry, The</i> , 2016 , 99, 498-506	2.7	11
237	Can neurodegenerative disease be defined by four 'primary determinants': anatomy, cells, molecules, and morphology?. <i>Folia Neuropathologica</i> , 2016 , 54, 89-104	2.6	1
236	Survival in the pre-senile dementia frontotemporal lobar degeneration with TDP-43 proteinopathy: effects of genetic, demographic and neuropathological variables. <i>Folia Neuropathologica</i> , 2016 , 54, 137-48	2.6	6
235	Lichenometric dating (lichenometry) and the biology of the lichen genus rhizocarpon: challenges and future directions. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2016 , 98, 183-206	1.1	16
234	The influence on unaided vision of age, pupil diameter and spherocylindrical refractive error. <i>Australasian journal of optometry, The</i> , 2016 , 99, 328-35	2.7	2
233	Growth rings in crustose lichens: Comparison with directly measured growth rates and implications for lichenometry. <i>Quaternary Geochronology</i> , 2015 , 28, 88-95	2.7	7
232	Oculo-visual changes and clinical considerations affecting older patients with dementia. <i>Ophthalmic and Physiological Optics</i> , 2015 , 35, 352-76	4.1	48
231	Oculo-Visual Dysfunction in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2015 , 5, 715-26	5.3	54
230	Quantitative pathological changes in the cerebellum of multiple system atrophy. <i>Folia Neuropathologica</i> , 2015 , 53, 193-202	2.6	1
229	Laminar distribution of Amyloid (A) peptide deposits in the frontal lobe in familial and sporadic Alzheimer's disease. <i>Folia Neuropathologica</i> , 2015 , 53, 15-23	2.6	10
228	Comparative quantitative study of 'signature' pathological lesions in the hippocampus and adjacent gyri of 12 neurodegenerative disorders. <i>Journal of Neural Transmission</i> , 2015 , 122, 1355-67	4.3	11

227	The Influence of Environmental Factors on the Growth of Lichens in the Field 2015 , 1-18		6
226	Lichen Growth and Lichenometry 2015 , 213-227		1
225	When to use the Bonferroni correction. <i>Ophthalmic and Physiological Optics</i> , 2014 , 34, 502-8	4.1	1091
224	A quantitative study of β -synuclein pathology in fifteen cases of dementia associated with Parkinson disease. <i>Journal of Neural Transmission</i> , 2014 , 121, 171-81	4.3	34
223	Within-site variation in lichen growth rates and its implications for direct lichenometry. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014 , 96, 217-226	1.1	6
222	HOCl-modified phosphatidylcholines induce apoptosis and redox imbalance in HUVEC-ST cells. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 548, 1-10	4.1	8
221	A critical analysis of the β -amyloid cascade hypothesis <i>Folia Neuropathologica</i> , 2014 , 3, 211-225	2.6	60
220	Visual signs and symptoms of multiple system atrophy. <i>Australasian journal of optometry, The</i> , 2014 , 97, 483-91	2.7	17
219	Cortical degeneration in frontotemporal lobar degeneration with TDP-43 proteinopathy caused by progranulin gene mutation. <i>International Journal of Neuroscience</i> , 2014 , 124, 894-903	2	3
218	Genetic risk factors and age-related macular degeneration (AMD). <i>Journal of Optometry</i> , 2013 , 6, 176-184.6	4.6	12
217	Statistical guidelines for the analysis of data obtained from one or both eyes. <i>Ophthalmic and Physiological Optics</i> , 2013 , 33, 7-14	4.1	224
216	Development of areolae and growth of the peripheral prothallus in the crustose lichen <i>Rhizocarpon geographicum</i> : an image analysis study. <i>Symbiosis</i> , 2013 , 60, 7-15	3	12
215	Spatial patterns of the tau pathology in progressive supranuclear palsy. <i>Neurological Sciences</i> , 2013 , 34, 337-44	3.5	23
214	Laminar distribution of the pathological changes in sporadic frontotemporal lobar degeneration with transactive response (TAR) DNA-binding protein of 43 kDa (TDP-43) proteinopathy: a quantitative study using polynomial curve fitting. <i>Neuropathology and Applied Neurobiology</i> , 2013 , 33, 335-47	5.2	8
213	Spatial relationships between diffuse prion protein deposits and neuronal perikarya in variant Creutzfeldt-Jakob disease. <i>Folia Neuropathologica</i> , 2013 , 51, 18-25	2.6	
212	What causes alzheimer's disease?. <i>Folia Neuropathologica</i> , 2013 , 51, 169-88	2.6	103
211	A quantitative study of abnormally enlarged neurons in cognitively normal brain and neurodegenerative disease 2013 , 32, 128-33		5
210	White matter pathology in progressive supranuclear palsy (PSP): a quantitative study of 8 cases 2013 , 32, 399-405		6

209	Different molecular pathologies result in similar spatial patterns of cellular inclusions in neurodegenerative disease: a comparative study of eight disorders. <i>Journal of Neural Transmission</i> , 2012 , 119, 1551-60	4.3	17
208	Visual signs and symptoms of dementia with Lewy bodies. <i>Australasian journal of optometry, The</i> , 2012 , 95, 621-30	2.7	25
207	Size frequency distributions of β amyloid (A β) deposits: a comparative study of four neurodegenerative disorders. <i>Folia Neuropathologica</i> , 2012 , 50, 240-9	2.6	7
206	On the 'classification' of neurodegenerative disorders: discrete entities, overlap or continuum?. <i>Folia Neuropathologica</i> , 2012 , 50, 201-8	2.6	21
205	A quantitative study of the neuropathology of 32 sporadic and familial cases of frontotemporal lobar degeneration with TDP-43 proteinopathy (FTLD-TDP). <i>Neuropathology and Applied Neurobiology</i> , 2012 , 38, 25-38	5.2	15
204	β amyloid (A β) deposition in cognitively normal brain, dementia with Lewy bodies, and Alzheimer's disease: a study using principal components analysis 2012 , 50, 130-9		3
203	The pathogenesis of Alzheimer's disease: a reevaluation of the "amyloid cascade hypothesis". <i>International Journal of Alzheimer's Disease</i> , 2011 , 2011, 630865	3.7	58
202	Visual symptoms in Parkinson's disease. <i>Parkinson's Disease</i> , 2011 , 2011, 908306	2.6	74
201	Visual signs and symptoms of progressive supranuclear palsy. <i>Australasian journal of optometry, The</i> , 2011 , 94, 150-60	2.7	41
200	Statistical guidelines for clinical studies of human vision. <i>Ophthalmic and Physiological Optics</i> , 2011 , 31, 123-36	4.1	35
199	The spectrum and severity of FUS-immunoreactive inclusions in the frontal and temporal lobes of ten cases of neuronal intermediate filament inclusion disease. <i>Acta Neuropathologica</i> , 2011 , 121, 219-28 ^{14.3}		20
198	Spatial patterns of TDP-43 neuronal cytoplasmic inclusions (NCI) in fifteen cases of frontotemporal lobar degeneration with TDP-43 proteinopathy (FTLD-TDP). <i>Neurological Sciences</i> , 2011 , 32, 653-9	3.5	3
197	Spatial patterns of FUS-immunoreactive neuronal cytoplasmic inclusions (NCI) in neuronal intermediate filament inclusion disease (NIFID). <i>Journal of Neural Transmission</i> , 2011 , 118, 1651-7	4.3	5
196	Growth of foliose lichens: a review. <i>Symbiosis</i> , 2011 , 53, 1-16	3	43
195	The biology of the crustose lichen <i>Rhizocarpon geographicum</i> . <i>Symbiosis</i> , 2011 , 55, 53-67	3	17
194	Macular pigment optical density is related to blood glutathione levels in healthy individuals 2011 , 52, 5029-33		14
193	A morphometric study of the spatial patterns of TDP-43 immunoreactive neuronal inclusions in frontotemporal lobar degeneration (FTLD) with progranulin (GRN) mutation. <i>Histology and Histopathology</i> , 2011 , 26, 185-90	1.4	5
192	Density and spatial pattern of β amyloid (A β) deposits in corticobasal degeneration 2011 , 49, 14-20		

191	Spatial patterns of amyloid (A β) deposits in familial and sporadic Alzheimer's disease 2011 , 49, 153-61		4
190	Laminar distribution of the pathological changes in sporadic and variant creutzfeldt-jakob disease. <i>Pathology Research International</i> , 2010 , 2011, 236346		1
189	Analysis of beta-amyloid (A β) deposition in the temporal lobe in Alzheimer's disease using Fourier (spectral) analysis. <i>Neuropathology and Applied Neurobiology</i> , 2010 , 36, 248-57	5.2	3
188	Growth of crustose lichens: a review. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2010 , 92, 3-17	1.1	61
187	Neuropathological heterogeneity in frontotemporal lobar degeneration with TDP-43 proteinopathy: a quantitative study of 94 cases using principal components analysis. <i>Journal of Neural Transmission</i> , 2010 , 117, 227-39	4.3	47
186	Lobe formation and division in the foliose lichen xanthoparmelia conspersa. <i>Symbiosis</i> , 2010 , 51, 227-232		4
185	The use of lichen growth rings in lichenometry: some preliminary findings. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2010 , 92, 141-147	1.1	13
184	A quantitative study of the pathological changes in the cortical white matter in variant Creutzfeldt-Jakob disease (vCJD) 2010 , 29, 390-6		4
183	2010 ,		4
182	A spatial pattern analysis of beta-amyloid (A β) deposition in the temporal lobe in Alzheimer's disease 2010 , 48, 67-74		3
181	Dispersion of prion protein deposits around blood vessels in variant Creutzfeldt-Jakob disease 2010 , 48, 150-8		
180	Review paper. Quantitative methods in neuropathology 2010 , 48, 217-30		3
179	Size frequency distribution of the beta-amyloid (a β) deposits in dementia with Lewy bodies with associated Alzheimer's disease pathology. <i>Neurological Sciences</i> , 2009 , 30, 471-7	3.5	9
178	Clustering and spatial correlations of the neuronal cytoplasmic inclusions, astrocytic plaques and ballooned neurons in corticobasal degeneration. <i>Journal of Neural Transmission</i> , 2009 , 116, 1103-10	4.3	6
177	Monthly fluctuations in radial growth of individual lobes of the lichen <i>Parmelia conspersa</i> (Erhr. ex Ach.) Ach.. <i>Symbiosis</i> , 2009 , 47, 9-15	3	4
176	Carbohydrates in the hypothallus and areolae of the crustose lichen <i>Rhizocarpon geographicum</i> (L.) DC.. <i>Symbiosis</i> , 2009 , 49, 95-100	3	7
175	Neonatal enteral feeding tubes as loci for colonisation by members of the Enterobacteriaceae. <i>BMC Infectious Diseases</i> , 2009 , 9, 146	4	87
174	A quantitative study of the pathological changes in the cerebellum in 15 cases of variant Creutzfeldt-Jakob disease (vCJD). <i>Neuropathology and Applied Neurobiology</i> , 2009 , 35, 36-45	5.2	14

173	Alzheimer's Disease and the Eye?. <i>Journal of Optometry</i> , 2009 , 2, 103-111	2.6	43
172	Spatial correlations between the vacuolation, prion protein (PrPsc) deposits and the cerebral blood vessels in sporadic Creutzfeldt-Jakob disease. <i>Current Neurovascular Research</i> , 2009 , 6, 239-45	1.8	4
171	Hippocampal pathology in progressive supranuclear palsy (PSP): a quantitative study of 8 cases 2009 , 28, 46-53		9
170	The molecular biology of senile plaques and neurofibrillary tangles in Alzheimer's disease 2009 , 47, 289-99		42
169	First-line therapy with latanoprost 0.005% results in improved ocular circulation in newly diagnosed primary open-angle glaucoma patients: a prospective, 6-month, open-label study. <i>Eye</i> , 2008 , 22, 363-9	4.4	11
168	What determines the molecular composition of abnormal protein aggregates in neurodegenerative disease?. <i>Neuropathology</i> , 2008 , 28, 351-65	2	43
167	Visual signs and symptoms of Parkinson's disease. <i>Australasian journal of optometry, The</i> , 2008 , 91, 129-387		44
166	The effect of voluntary fasting and dehydration on flicker-induced retinal vascular dilation in a healthy individual: a case report. <i>Journal of Medical Case Reports</i> , 2008 , 2, 153	1.2	2
165	Density and cross-sectional areas of axons in the olfactory tract in control subjects and Alzheimer's disease: an image analysis study. <i>Neurological Sciences</i> , 2008 , 29, 23-7	3.5	6
164	The interface between Alzheimer's disease, normal aging, and related disorders. <i>Current Aging Science</i> , 2008 , 1, 122-32	2.2	7
163	Clustering and periodicity of neurofibrillary tangles in the upper and lower cortical laminae in Alzheimer's disease. <i>Folia Neuropathologica</i> , 2008 , 46, 26-31	2.6	1
162	Spatial correlations between beta-amyloid (Abeta) deposits and blood vessels in familial Alzheimer's disease. <i>Folia Neuropathologica</i> , 2008 , 46, 241-8	2.6	9
161	Growth rates of <i>Rhizocarpon geographicum</i> lichens: a review with new data from Iceland. <i>Journal of Quaternary Science</i> , 2007 , 22, 311-320	2.3	59
160	A quantitative study of the pathological changes in white matter in multiple system atrophy. <i>Neuropathology</i> , 2007 , 27, 221-7	2	24
159	Autonomic dysfunction in unselected and untreated primary open angle glaucoma patients: a pilot study. <i>Ophthalmic and Physiological Optics</i> , 2007 , 27, 336-41	4.1	16
158	Spatial patterns of the pathological changes in neuronal intermediate filament inclusion disease (NIFID): an alpha-interneixin immunohistochemical study. <i>Journal of Neural Transmission</i> , 2007 , 114, 451-63	4.3	5
157	Progressive supranuclear palsy (PSP): a quantitative study of the pathological changes in cortical and subcortical regions of eight cases. <i>Journal of Neural Transmission</i> , 2007 , 114, 1569-77	4.3	19
156	Spatial topography of the neurofibrillary tangles in cortical and subcortical regions in progressive supranuclear palsy. <i>Parkinsonism and Related Disorders</i> , 2007 , 13, 50-4	3.6	10

155	Neuropathological changes in striate and extrastriate visual cortex in variant Creutzfeldt-Jakob disease (vCJD). <i>Clinical Ophthalmology</i> , 2007 , 1, 119-25	2.5	2
154	Classic beta-amyloid deposits cluster around large diameter blood vessels rather than capillaries in sporadic Alzheimer's disease. <i>Current Neurovascular Research</i> , 2006 , 3, 289-94	1.8	21
153	Laminar distribution of beta-amyloid deposits in dementia with Lewy bodies and in Alzheimer's disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2006 , 21, 175-81	2.5	2
152	Description and critical appraisal of principal components analysis (PCA) methodology applied to pulsed-field gel electrophoresis profiles of methicillin-resistant <i>Staphylococcus aureus</i> isolates. <i>Journal of Microbiological Methods</i> , 2006 , 65, 87-95	2.8	4
151	Multiple system atrophy (MSA): topographic distribution of the alpha-synuclein-associated pathological changes. <i>Parkinsonism and Related Disorders</i> , 2006 , 12, 356-62	3.6	22
150	Creutzfeldt-Jakob disease and vision. <i>Australasian journal of optometry, The</i> , 2006 , 89, 3-9	2.7	33
149	Topography of alpha-interneuron-positive neuronal aggregates in 10 patients with neuronal intermediate filament inclusion disease. <i>European Journal of Neurology</i> , 2006 , 13, 528-32	6	9
148	Analysis of plasmid profiles of <i>Aeromonas salmonicida</i> isolates by pulsed field gel electrophoresis. <i>FEMS Microbiology Letters</i> , 2006 , 146, 297-301	2.9	6
147	Methods of studying the planar distribution of objects in histological sections of brain tissue. <i>Journal of Microscopy</i> , 2006 , 221, 153-8	1.9	16
146	Neuropathological changes in ten cases of neuronal intermediate filament inclusion disease (NIFID): a study using alpha-interneuron immunohistochemistry and principal components analysis (PCA). <i>Journal of Neural Transmission</i> , 2006 , 113, 1207-15	4.3	10
145	Size frequency distributions of the florid prion protein aggregates in variant Creutzfeldt-Jakob disease follow a power-law function. <i>Neurological Sciences</i> , 2006 , 27, 104-9	3.5	3
144	Plaques and tangles and the pathogenesis of Alzheimer's disease. <i>Folia Neuropathologica</i> , 2006 , 44, 1-112.6	44	
143	Measuring the spatial arrangement patterns of pathological lesions in histological sections of brain tissue. <i>Folia Neuropathologica</i> , 2006 , 44, 229-37	2.6	7
142	Overlap between neurodegenerative disorders. <i>Neuropathology</i> , 2005 , 25, 111-24	2	90
141	Spatial patterns of the pathological changes in the temporal lobe of patients with neuronal intermediate filament inclusion disease. <i>Neuropathology</i> , 2005 , 25, 298-303	2	
140	The use of correlation and regression methods in optometry. <i>Australasian journal of optometry, The</i> , 2005 , 88, 81-8	2.7	11
139	Spatial correlations between the neuronal inclusions, swollen achromatic neurons, and glial cells in neuronal intermediate filament inclusion disease (NIFID). <i>Journal of Neural Transmission</i> , 2005 , 112, 473-80	4.3	2
138	Size frequency distribution of prion protein (PrP) aggregates in variant Creutzfeldt-Jakob disease (vCJD). <i>Journal of Neural Transmission</i> , 2005 , 112, 1565-73	4.3	3

137	Radial Growth of Rhizocarpon Section Rhizocarpon Lichen Thalli over Six Years at Snoqualmie Pass in the Cascade Range, Washington State. <i>Arctic, Antarctic, and Alpine Research</i> , 2005 , 37, 411-415	1.8	29
136	A quantitative analysis of optic nerve axons in elderly control subjects and patients with Alzheimer's disease. <i>Folia Neuropathologica</i> , 2005 , 43, 1-6	2.6	21
135	Is there a spatial association between senile plaques and neurofibrillary tangles in Alzheimer's disease?. <i>Folia Neuropathologica</i> , 2005 , 43, 133-8	2.6	5
134	Analysis of Acanthamoeba polyphaga surface carbohydrate exposure by FITC-lectin binding and fluorescence evaluation. <i>Journal of Applied Microbiology</i> , 2004 , 97, 1319-25	4.7	14
133	A quantitative study of the pathological changes in ten patients with multiple system atrophy (MSA). <i>Journal of Neural Transmission</i> , 2004 , 111, 485-95	4.3	19
132	Spatial patterns of alpha-synuclein positive glial cytoplasmic inclusions in multiple system atrophy. <i>Movement Disorders</i> , 2004 , 19, 109-12	7	22
131	Laminar distribution of neurofilament inclusions and swollen achromatic neurons in neurofilament inclusion disease (NID). <i>Neuroscience Research Communications</i> , 2004 , 34, 104-111		1
130	Temporal lobe pathology of human patients with neurofilament inclusion disease. <i>Neuroscience Letters</i> , 2004 , 354, 245-7	3.3	13
129	Pathological changes in the primary visual cortex (area V1) in sporadic Creutzfeldt-Jakob disease. <i>Optometry and Vision Science</i> , 2003 , 80, 298-304	2.1	2
128	Clustering of neuronal inclusions in "dementia with neurofilament inclusions". <i>Acta Neuropathologica</i> , 2003 , 106, 125-8	14.3	11
127	Spatial correlation between the vacuolation, prion protein, deposition and surviving neurons in patients with Creutzfeldt-Jakob disease (vCJD). <i>Journal of Neural Transmission</i> , 2003 , 110, 1303-11	4.3	19
126	Florid prion protein (PrP) plaques in patients with variant Creutzfeldt-Jakob disease (vCJD) are spatially related to blood vessels. <i>Neuroscience Research Communications</i> , 2003 , 32, 29-36		2
125	Quantifying the pathology of neurodegenerative disorders: quantitative measurements, sampling strategies and data analysis. <i>Histopathology</i> , 2003 , 42, 521-9	7.3	28
124	A quantitative study of the pathological changes in cortical neurons in sporadic Creutzfeldt-Jakob disease. <i>Neuropathology</i> , 2003 , 23, 181-7	2	5
123	Measuring the degree of spatial correlation between histological features in thin sections of brain tissue. <i>Neuropathology</i> , 2003 , 23, 245-53	2	17
122	Does the neuropathology of human patients with variant Creutzfeldt-Jakob disease reflect haematogenous spread of the disease?. <i>Neuroscience Letters</i> , 2003 , 348, 37-40	3.3	9
121	Spatial patterns of the pathological changes in the cerebellar cortex in sporadic Creutzfeldt-Jakob disease (sCJD). <i>Folia Neuropathologica</i> , 2003 , 41, 183-9	2.6	5
120	The effect of rock surface aspect on growth, size structure and competition in the lichen Rhizocarpon geographicum. <i>Environmental and Experimental Botany</i> , 2002 , 48, 187-194	5.9	27

119	The spatial pattern of the vacuolation (spongiform change) in the cerebral cortex in variant Creutzfeldt-Jakob disease (vCJD). <i>Neuroscience Research Communications</i> , 2002 , 30, 43-50		3
118	The spatial patterns of prion protein deposits in cases of variant Creutzfeldt-Jakob disease. <i>Acta Neuropathologica</i> , 2002 , 104, 665-9	14.3	13
117	The application of analysis of variance (ANOVA) to different experimental designs in optometry. <i>Ophthalmic and Physiological Optics</i> , 2002 , 22, 248-56	4.1	70
116	Are pathological lesions in neurodegenerative disorders the cause or the effect of the degeneration?. <i>Neuropathology</i> , 2002 , 22, 133-46	2	19
115	Quantification of vacuolation ("spongiform change"), surviving neurones and prion protein deposition in eleven cases of variant Creutzfeldt-Jakob disease. <i>Neuropathology and Applied Neurobiology</i> , 2002 , 28, 129-35	5.2	9
114	Correlation between visual function and visual ability in patients with uveitis. <i>British Journal of Ophthalmology</i> , 2002 , 86, 993-6	5.5	31
113	Quantitative variations in the pathology of 11 cases of variant Creutzfeldt-Jakob disease (vCJD). <i>Pathophysiology</i> , 2002 , 8, 235-241	1.8	3
112	Laminar distribution of the pathological changes in the cerebral cortex in variant Creutzfeldt-Jakob disease (vCJD). <i>Folia Neuropathologica</i> , 2002 , 40, 165-71	2.6	3
111	Quantification of the vacuolation (spongiform change) and prion protein deposition in 11 patients with sporadic Creutzfeldt-Jakob disease. <i>Acta Neuropathologica</i> , 2001 , 102, 591-6	14.3	13
110	What does the study of the spatial patterns of pathological lesions tell us about the pathogenesis of neurodegenerative disorders?. <i>Neuropathology</i> , 2001 , 21, 1-12	2	30
109	Spatial correlations between the vacuolation, prion protein deposits, and surviving neurons in the cerebral cortex in sporadic Creutzfeldt-Jakob disease. <i>Neuropathology</i> , 2001 , 21, 266-71	2	16
108	Correlations between the clustering patterns of the pathological changes in sporadic Creutzfeldt-Jakob disease. <i>Neuroscience Research Communications</i> , 2001 , 29, 89-98		1
107	Spatial pattern of prion protein deposits in patients with sporadic Creutzfeldt-Jakob disease. <i>Neuropathology</i> , 2001 , 21, 19-24	2	10
106	What does the study of the spatial patterns of pathological lesions tell us about the pathogenesis of neurodegenerative disorders?. <i>Neuropathology</i> , 2001 , 21, 1-12	2	31
105	Characterization of FITC-Conjugated Lectin Binding to <i>Candida albicans</i> . <i>Mycologia</i> , 2001 , 93, 422	2.4	5
104	The spatial patterns of prion protein deposits in Creutzfeldt-Jakob disease: comparison with beta-amyloid deposits in Alzheimer's disease. <i>Neuroscience Letters</i> , 2001 , 298, 53-6	3.3	31
103	Characterization of FITC-conjugated lectin binding to <i>Candida albicans</i> . <i>Mycologia</i> , 2001 , 93, 422-431	2.4	6
102	Spatial pattern of prion protein deposits in patients with sporadic Creutzfeldt-Jakob disease. <i>Neuropathology</i> , 2001 , 21, 19-24	2	11

101	Beta-amyloid deposition in the temporal lobe of patients with dementia with Lewy bodies: comparison with non-demented cases and Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2000 , 11, 187-92	2.6	20
100	Neuropathological heterogeneity in Alzheimer's disease: a study of 80 cases using principal components analysis. <i>Neuropathology</i> , 2000 , 20, 31-7	2	36
99	Analysis of spatial patterns in histological sections of brain tissue using a method based on regression. <i>Journal of Neuroscience Methods</i> , 2000 , 95, 39-45	3	6
98	The spatial pattern of the vacuolation in patients with sporadic Creutzfeldt-Jakob disease. <i>Neuroscience Letters</i> , 2000 , 281, 187-90	3.3	19
97	Clustering of Pick bodies in the dentate gyrus in Pick's disease. <i>Neuropathology</i> , 2000 , 20, 170-5	2	6
96	The microbiology of the eye. <i>Ophthalmic and Physiological Optics</i> , 2000 , 20, 429-41	4.1	18
95	The spatial patterns of Pick bodies, Pick cells and Alzheimer's disease pathology in Pick's disease. <i>Neuropathology</i> , 1999 , 19, 64-70	2	10
94	Laminar distribution of pick bodies, pick cells and Alzheimer disease pathology in the frontal and temporal cortex in Pick's disease. <i>Neuropathology and Applied Neurobiology</i> , 1999 , 25, 266-71	5.2	17
93	Characterisation of Aeromonas strains and species by pulsed field gel electrophoresis and principal components analysis. <i>Journal of Fish Diseases</i> , 1999 , 22, 369-375	2.6	8
92	Quantification of pathological lesions in the frontal and temporal lobe of ten patients diagnosed with Pick's disease. <i>Acta Neuropathologica</i> , 1999 , 97, 456-62	14.3	16
91	Determination of Coniothyrium minitans conidial and germling lectin avidity by flow cytometry and digital microscopy. <i>Mycological Research</i> , 1999 , 103, 1533-1539		18
90	Do beta-amyloid (Abeta) deposits in patients with Alzheimer's disease and Down's syndrome grow according to the log-normal model?. <i>Neuroscience Letters</i> , 1999 , 261, 97-100	3.3	8
89	Clustering of cerebral cortical lesions in patients with corticobasal degeneration. <i>Neuroscience Letters</i> , 1999 , 268, 5-8	3.3	22
88	A comparison of histological and immunohistochemical methods for quantifying the pathological lesions of Pick's disease. <i>Neuropathology</i> , 1998 , 18, 295-300	2	4
87	Hydrophobicity and surface electrostatic charge of conidia of the mycoparasite Coniothyrium minitans. <i>Mycological Research</i> , 1998 , 102, 243-249		27
86	Clustering of Pick bodies in patients with Pick's disease. <i>Neuroscience Letters</i> , 1998 , 242, 81-4	3.3	31
85	Does radial growth of the lichen Parmelia conspersa depend exclusively on growth processes at the lobe tip?. <i>Environmental and Experimental Botany</i> , 1998 , 39, 263-269	5.9	15
84	Beta-amyloid plaques: stages in life history or independent origin?. <i>Dementia and Geriatric Cognitive Disorders</i> , 1998 , 9, 227-38	2.6	51

83	Spatial distribution of diffuse, primitive, and classic amyloid-beta deposits and blood vessels in the upper laminae of the frontal cortex in Alzheimer disease. <i>Alzheimer Disease and Associated Disorders</i> , 1998 , 12, 378-83	2.5	6
82	Gallium-transferrin binding in treated and untreated Parkinson's disease. <i>NeuroReport</i> , 1997 , 8, 709-11	1.7	2
81	Are metal ions accumulated by saxicolous lichens growing in a rural environment?. <i>Environmental and Experimental Botany</i> , 1997 , 38, 73-79	5.9	2
80	beta-Amyloid (A beta) deposition in the medial temporal lobe of patients with dementia with Lewy bodies. <i>Neuroscience Letters</i> , 1997 , 227, 193-6	3.3	24
79	Dementia with Lewy bodies: clustering of Lewy bodies in human patients. <i>Neuroscience Letters</i> , 1997 , 224, 41-4	3.3	29
78	Analysis of spatial patterns in histological sections of brain tissue. <i>Journal of Neuroscience Methods</i> , 1997 , 73, 141-7	3	38
77	Laminar distribution of cortical Lewy bodies and neurofibrillary tangles in dementia with Lewy bodies. <i>Neuroscience Research Communications</i> , 1997 , 21, 145-152		10
76	Do the lichens <i>Xanthoparmelia conspersa</i> (Ach.)Hale and <i>Rhizocarpon</i> Ram. em. Th. Fr. subgenus <i>Rhizocarpon</i> utilise exogenous carbohydrates for radial growth?. <i>Environmental and Experimental Botany</i> , 1996 , 36, 13-20	5.9	2
75	Relationships between beta-amyloid (A beta) deposits and blood vessels in patients with sporadic and familial Alzheimer's disease. <i>Neuroscience Letters</i> , 1996 , 207, 171-4	3.3	5
74	The use of multivariate methods in the identification of subtypes of Alzheimer's disease: a comparison of principal components and cluster analysis. <i>Dementia and Geriatric Cognitive Disorders</i> , 1996 , 7, 215-20	2.6	2
73	The spatial pattern of discrete beta-amyloid deposits in Alzheimer's disease reflects synaptic disconnection. <i>Dementia and Geriatric Cognitive Disorders</i> , 1996 , 7, 86-90	2.6	
72	Correlations between the morphology of diffuse and primitive beta-amyloid (A beta) deposits and the frequency of associated cells in Down's syndrome. <i>Neuropathology and Applied Neurobiology</i> , 1996 , 22, 527-30	5.2	18
71	Factors determining the growth curve of the foliose lichen <i>Parmelia conspersa</i> . <i>New Phytologist</i> , 1996 , 134, 517-522	9.8	14
70	Experimental studies of hypothallus growth in the lichen <i>Rhizocarpon geographicum</i> . <i>New Phytologist</i> , 1996 , 132, 123-126	9.8	12
69	Aluminium and Alzheimer's disease: review of possible pathogenic mechanisms. <i>Dementia and Geriatric Cognitive Disorders</i> , 1996 , 7, 1-9	2.6	16
68	Amyloid (A β) deposits and blood vessels: Laminar distribution in the frontal cortex of patients with Alzheimer's disease. <i>Neuroscience Research Communications</i> , 1996 , 18, 19-28		6
67	Beta-amyloid deposition in the medial temporal lobe in elderly non-demented brains and in Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1995 , 6, 121-5	2.6	9
66	A comparison of Amyloid (A β) deposition in the medial temporal lobe in late-onset sporadic Alzheimer's disease, and Down's syndrome. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1995 , 2, 107-113	2.7	4

65	Is the clustering of beta-amyloid (A beta) deposits in the frontal cortex of Alzheimer patients determined by blood vessels?. <i>Neuroscience Letters</i> , 1995 , 195, 121-4	3.3	18
64	Hypothesis: is Alzheimer's disease a metal-induced immune disorder?. <i>Experimental Neurology</i> , 1995 , 4, 107-11		11
63	Factors determining the morphology of beta-amyloid (A beta) deposits in Down's syndrome. <i>Experimental Neurology</i> , 1995 , 4, 179-86		9
62	What determines the size frequency distribution of beta-amyloid (A beta) deposits in Alzheimer's disease patients?. <i>Neuroscience Letters</i> , 1995 , 187, 13-6	3.3	11
61	Neuropathological differences between areas B17 and B18: implications for visual evoked responses in Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1994 , 5, 247-51	2.6	1
60	The spatial patterns of beta/A4 deposit subtypes in Down's syndrome. <i>Acta Neuropathologica</i> , 1994 , 88, 353-8	14.3	7
59	The identification of pathological subtypes of Alzheimer's disease using cluster analysis. <i>Acta Neuropathologica</i> , 1994 , 88, 60-6	14.3	20
58	Proteolytic activity amongst selected Saprolegnia species. <i>Mycological Research</i> , 1994 , 98, 389-395		8
57	Dispersal of soredia from individual soralia of the lichen Hypogymnia physodes (L.) Nyl. in a simple wind tunnel. <i>Environmental and Experimental Botany</i> , 1994 , 34, 39-45	5.9	22
56	The levels of ribitol, arabitol and mannitol in individual lobes of the lichen Parmelia conspersa (Ehrh. ex Ach.) ACH.. <i>Environmental and Experimental Botany</i> , 1994 , 34, 253-260	5.9	19
55	beta-Amyloid (A beta) deposition in elderly non-demented patients and patients with Alzheimer's disease. <i>Neuroscience Letters</i> , 1994 , 178, 59-62	3.3	16
54	Beta-amyloid (beta/A4) deposition in the medial temporal lobe in Down's syndrome: effects of brain region and patient age. <i>Neurobiology of Disease</i> , 1994 , 1, 139-44	7.5	10
53	Differences in beta-amyloid (beta/A4) deposition in human patients with Down's syndrome and sporadic Alzheimer's disease. <i>Neuroscience Letters</i> , 1994 , 169, 133-6	3.3	20
52	Quantitative differences in beta/A4 protein subtypes in the parahippocampal gyrus and frontal cortex in Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1994 , 5, 1-5	2.6	7
51	Spatial Patterns of Plaques and Tangles in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1994 , 5, 54-54	2.6	
50	Is the clustering of neurofibrillary tangles in Alzheimer's patients related to the cells of origin of specific cortico-cortical projections?. <i>Neuroscience Letters</i> , 1993 , 160, 57-60	3.3	52
49	Seasonal growth of foliose lichens in successive years in South Gwynedd, Wales. <i>Environmental and Experimental Botany</i> , 1993 , 33, 225-232	5.9	14
48	Chronotopographical analysis of the pattern onset visual evoked magnetic response (VEMR): implications for waveform peak identification. <i>Vision Research</i> , 1993 , 33, 2443-6	2.1	

47	Reduced transferrin binding in Down syndrome: a route to senile plaque formation and dementia. <i>NeuroReport</i> , 1993 , 5, 21-4	1.7	12
46	The ratio of diffuse to mature beta/A4 deposits in Alzheimer's disease varies in cases with and without pronounced congophilic angiopathy. <i>Dementia and Geriatric Cognitive Disorders</i> , 1993 , 4, 251-5	2.6	2
45	The spatial patterns of plaques and tangles in Alzheimer's disease do not support the 'cascade hypothesis'. <i>Dementia and Geriatric Cognitive Disorders</i> , 1993 , 4, 16-20	2.6	6
44	The spatial patterns of beta/A4 deposit subtypes in Alzheimer's disease. <i>Acta Neuropathologica</i> , 1993 , 86, 36-41	14.3	39
43	Factors determining lobe growth in foliose lichen thalli. <i>New Phytologist</i> , 1993 , 124, 675-679	9.8	13
42	Visual evoked electrical and magnetic response to half-field stimulation using pattern reversal stimulation. <i>Ophthalmic and Physiological Optics</i> , 1992 , 12, 171-4	4.1	10
41	Beta/A4 deposits and their relationship to senile plaques in Alzheimer's disease. <i>NeuroReport</i> , 1992 , 3, 262-4	1.7	5
40	A comparison of the growth curves of the foliose lichen <i>parmelia conspersa</i> determined by a cross-sectional study and by direct measurement. <i>Environmental and Experimental Botany</i> , 1992 , 32, 221-227	5.9	17
39	Soredial dispersal from individual soralia in the lichen <i>Hypogymnia physodes</i> (L.) Nyl.. <i>Environmental and Experimental Botany</i> , 1992 , 32, 55-63	5.9	14
38	Topographic mapping and source localization of the pattern onset visual evoked magnetic response. <i>Brain Topography</i> , 1992 , 5, 11-6	4.3	5
37	Topographic mapping and source localization of the pattern reversal visual evoked magnetic response. <i>Brain Topography</i> , 1991 , 4, 47-55	4.3	23
36	Experimental studies of lobe growth in the lichen <i>Parmelia conspersa</i> (Ehrh. ex Ach.) Ach. <i>New Phytologist</i> , 1991 , 119, 315-319	9.8	12
35	Alzheimer's disease: size class frequency distribution of senile plaques: do they indicate when a brain tissue was affected?. <i>Neuroscience Letters</i> , 1991 , 127, 223-6	3.3	19
34	Competitive interactions between four foliose lichens on north and south facing rock surfaces. <i>Environmental and Experimental Botany</i> , 1991 , 31, 51-58	5.9	10
33	The influence of climate on the dispersal of lichen soredia. <i>Environmental and Experimental Botany</i> , 1991 , 31, 239-245	5.9	18
32	Visual evoked magnetic fields to flash and pattern in 100 normal subjects. <i>Vision Research</i> , 1991 , 31, 1852-64	5.6	13
31	Alzheimer's disease: the relationship between the density of senile plaques, neurofibrillary tangles and A4 protein in human patients. <i>Neuroscience Letters</i> , 1991 , 123, 141-3	3.3	16
30	Dispersal, establishment and survival of soredia and fragments of the lichen, <i>Hypogymnia physodes</i> (L.) Nyl. <i>New Phytologist</i> , 1990 , 114, 239-245	9.8	55

29	Effect of osmotic and matrix potential on <i>Saprolegnia diclina</i> and <i>S. ferax</i> . <i>Mycological Research</i> , 1990 , 94, 71-77		5
28	The influence of calcium and magnesium on the growth of the lichens <i>Parmelia saxatilis</i> and <i>Xanthoria parietina</i> on slate substrates. <i>Environmental and Experimental Botany</i> , 1990 , 30, 51-57	5.9	16
27	Depression and tetrahydrobiopterin: the folate connection. <i>Journal of Affective Disorders</i> , 1989 , 16, 103-106	7.6	74
26	A brief review of magnetic fields from the human visual system. <i>Ophthalmic and Physiological Optics</i> , 1989 , 9, 299-301	4.1	6
25	The effect of age on tetrahydrobiopterin metabolism in the human brain. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1987 , 50, 231	5.5	2
24	Tetrahydrobiopterin metabolism in senile dementia of Alzheimer type. <i>Biochemical Society Transactions</i> , 1987 , 15, 713-714	5.1	1
23	Dispersal in a population of the lichen <i>Hypogymnia physodes</i> . <i>Environmental and Experimental Botany</i> , 1987 , 27, 357-363	5.9	46
22	COMPETITION BETWEEN THREE LICHEN SPECIES USING A FACTORIAL EXPERIMENTAL DESIGN. <i>New Phytologist</i> , 1986 , 104, 637-641	9.8	11
21	Genetic analysis of partial dihydropteridine reductase deficiency in families with mental retardation. <i>Journal of Inherited Metabolic Disease</i> , 1986 , 9, 400-1	5.4	1
20	Breakdown of plant cell biomass by filamentous fungi. <i>Enzyme and Microbial Technology</i> , 1985 , 7, 61-65	3.8	4
19	Infection and colonization of trout eggs by Saprolegniaceae. <i>Transactions of the British Mycological Society</i> , 1985 , 85, 719-723		49
18	Field experiments on competition between three foliose lichens using the de wit experimental design. <i>Environmental and Experimental Botany</i> , 1985 , 25, 369-374	5.9	9
17	GROWTH OF EXPERIMENTALLY RECONSTRUCTED THALLI OF THE LICHEN <i>PARMELIA CONSPERSA</i> . <i>New Phytologist</i> , 1984 , 98, 497-502	9.8	23
16	Influence of environmental factors on zoospores of <i>Saprolegnia diclina</i> . <i>Transactions of the British Mycological Society</i> , 1984 , 82, 413-421		11
15	The influence of bird droppings and uric acid on the radial growth of five species of saxicolous lichens. <i>Environmental and Experimental Botany</i> , 1984 , 24, 95-99	5.9	16
14	GROWTH CURVE OF THE LICHEN <i>RHIZOCARPON GEOGRAPHICUM</i> . <i>New Phytologist</i> , 1983 , 94, 619-622	9.8	53
13	COMPETITION BETWEEN THREE SAXICOLOUS SPECIES OF <i>PARMELIA</i> (LICHENS). <i>New Phytologist</i> , 1982 , 90, 67-72	9.8	30
12	Methods to evaluate pesticide damage to the biomass of the soil microflora. <i>Soil Biology and Biochemistry</i> , 1981 , 13, 149-153	7.5	59

11	Field experiments on the dispersal, establishment and colonization of lichens on a slate rock surface. <i>Environmental and Experimental Botany</i> , 1981 , 21, 115-120	5.9	36
10	Growth and regeneration of lichen thalli with the central portions artificially removed. <i>Environmental and Experimental Botany</i> , 1979 , 19, 175-178	5.9	23
9	THE COLONIZATION OF A SLATE ROCK SURFACE BY A LICHEN. <i>New Phytologist</i> , 1978 , 81, 85-88	9.8	9
8	THE RESPONSE OF LICHEN GROWTH TO ADDITIONS OF DISTILLED WATER, RAINWATER AND WATER FROM A ROCK SURFACE. <i>New Phytologist</i> , 1977 , 79, 373-376	9.8	11
7	THE RESPONSE OF LICHEN GROWTH TO TRANSPLANTATION TO ROCK SURFACES OF DIFFERENT ASPECT. <i>New Phytologist</i> , 1977 , 78, 473-478	9.8	12
6	THE INFLUENCE OF THE FREQUENCY OF WETTING AND DRYING ON THE RADIAL GROWTH OF THREE SAXICOLOUS LICHENS IN THE FIELD. <i>New Phytologist</i> , 1976 , 77, 719-724	9.8	38
5	THE INFLUENCE OF ASPECT ON THE PATTERN OF SEASONAL GROWTH IN THE LICHEN <i>PARMELIA GLABRATULA</i> SSP. <i>FULIGINOSA</i> (FR. EX DUBY) LAUND. <i>New Phytologist</i> , 1975 , 75, 245-251	9.8	39
4	The Descriptive Ecology of Saxicolous Lichens in an Area of South Merionethshire, Wales. <i>Journal of Ecology</i> , 1974 , 62, 33	6	41
3	GROWTH PHASES IN THE LIFE OF A LICHEN THALLUS. <i>New Phytologist</i> , 1974 , 73, 913-918	9.8	46
2	SEASONAL GROWTH AND GROWTH RATE-COLONY SIZE RELATIONSHIPS IN SIX SPECIES OF SAXICOLOUS LICHENS. <i>New Phytologist</i> , 1973 , 72, 1023-1030	9.8	61
1	Life on Mars: Clues, Evidence or Proof?		1