

Elizabeth Coulthard

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,133
citations

218677

26
h-index

254184

43
g-index

78
all docs

78
docs citations

78
times ranked

3973
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of genetic variants associated with Huntington's disease progression: a genome-wide association study. <i>Lancet Neurology</i> , The, 2017, 16, 701-711.	10.2	248
2	Role of right posterior parietal cortex in maintaining attention to spatial locations over time. <i>Brain</i> , 2009, 132, 645-660.	7.6	206
3	Enantiomorphic normalization of focally lesioned brains. <i>NeuroImage</i> , 2008, 39, 1215-1226.	4.2	192
4	Evaluating the effects of the novel GLP-1 analogue liraglutide in Alzheimer's disease: study protocol for a randomised controlled trial (ELAD study). <i>Trials</i> , 2019, 20, 191.	1.6	127
5	EEG microstate complexity for aiding early diagnosis of Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 17627.	3.3	77
6	Distinct roles of dopamine and subthalamic nucleus in learning and probabilistic decision making. <i>Brain</i> , 2012, 135, 3721-3734.	7.6	73
7	Control over Conflict during Movement Preparation: Role of Posterior Parietal Cortex. <i>Neuron</i> , 2008, 58, 144-157.	8.1	70
8	Safety and efficacy of pioglitazone for the delay of cognitive impairment in people at risk of Alzheimer's disease (TOMMORROW): a prognostic biomarker study and a phase 3, randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2021, 20, 537-547.	10.2	55
9	Myelin Breakdown in Human Huntington's Disease: Multi-Modal Evidence from Diffusion MRI and Quantitative Magnetization Transfer. <i>Neuroscience</i> , 2019, 403, 79-92.	2.3	51
10	Pharmacological and non-pharmacological interventions to enhance sleep in mild cognitive impairment and mild Alzheimer's disease: A systematic review. <i>Journal of Sleep Research</i> , 2021, 30, e13229.	3.2	49
11	Action control in visual neglect. <i>Neuropsychologia</i> , 2006, 44, 2717-2733.	1.6	48
12	The impact of ageing reveals distinct roles for human dentate gyrus and CA3 in pattern separation and object recognition memory. <i>Scientific Reports</i> , 2017, 7, 14069.	3.3	48
13	Improved Executive Function and Callosal White Matter Microstructure after Rhythm Exercise in Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2014, 3, 273-283.	1.9	46
14	A defect in the retromer accessory protein, SNX27, manifests by infantile myoclonic epilepsy and neurodegeneration. <i>Neurogenetics</i> , 2015, 16, 215-221.	1.4	44
15	Neuropharmacological modulation of cognitive deficits after brain damage. <i>Current Opinion in Neurology</i> , 2005, 18, 675-680.	3.6	37
16	Hemispatial neglect, balance and eye-movement control. <i>Current Opinion in Neurology</i> , 2006, 19, 14-20.	3.6	37
17	Functional cognitive disorder: what is it and what to do about it?. <i>Practical Neurology</i> , 2015, 15, 436-444.	1.1	36
18	Proton magnetic resonance spectroscopy in frontotemporal dementia. <i>Journal of Neurology</i> , 2006, 253, 861-868.	3.6	35

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19	Treatment of attention deficits in neurological disorders. <i>Current Opinion in Neurology</i> , 2006, 19, 613-618.	3.6	34
20	Predictors for a dementia gene mutation based on gene-panel next-generation sequencing of a large dementia referral series. <i>Molecular Psychiatry</i> , 2020, 25, 3399-3412.	7.9	34
21	Does insulin resistance influence neurodegeneration in non-diabetic Alzheimer's subjects?. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 47.	6.2	32
22	Magnetic Resonance Imaging to Detect Early Molecular and Cellular Changes in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 139.	3.4	31
23	Tools for testing decision-making capacity in dementia. <i>Age and Ageing</i> , 2018, 47, 778-784.	1.6	31
24	Is disrupted sleep a risk factor for Alzheimer's disease? Evidence from a two-sample Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021, 50, 817-828.	1.9	31
25	Functional Cognitive Disorder: A Common Cause of Subjective Cognitive Symptoms. <i>Journal of Alzheimer's Disease</i> , 2015, 48, S19-S24.	2.6	30
26	T2 Relaxometry and Diffusion Tensor Indices of the Hippocampus and Entorhinal Cortex Improve Sensitivity and Specificity of MRI to Detect Amnesic Mild Cognitive Impairment and Alzheimer's Disease Dementia. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 445-455.	3.4	30
27	Quantitative T2 mapping of white matter: applications for ageing and cognitive decline. <i>Physics in Medicine and Biology</i> , 2016, 61, 5587-5605.	3.0	29
28	The Rationale and Design of the Reducing Pathology in Alzheimer's Disease through Angiotensin Targeting (RADAR) Trial. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 803-814.	2.6	28
29	Safety and efficacy of losartan for the reduction of brain atrophy in clinically diagnosed Alzheimer's disease (the RADAR trial): a double-blind, randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , 2021, 20, 895-906.	10.2	26
30	Alien limb following posterior cerebral artery stroke: Failure to recognize internally generated movements?. <i>Movement Disorders</i> , 2007, 22, 1498-1502.	3.9	25
31	A broader view of dementia: multiple co-pathologies are the norm. <i>Brain</i> , 2018, 141, 1894-1897.	7.6	25
32	Network substrates of cognitive impairment in Alzheimer's Disease. <i>Clinical Neurophysiology</i> , 2019, 130, 1581-1595.	1.5	25
33	Dopamine and Consolidation of Episodic Memory: Timing Is Everything. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2035-2050.	2.3	21
34	The modular architecture of the neglect syndrome: Implications for action control in visual neglect. <i>Neuropsychologia</i> , 2007, 45, 1982-1984.	1.6	19
35	Novel Blood Biomarkers that Correlate with Cognitive Performance and Hippocampal Volumetry: Potential for Early Diagnosis of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 931-947.	2.6	18
36	Effects of Parkinson's disease and dopamine on digit span measures of working memory. <i>Psychopharmacology</i> , 2018, 235, 3443-3450.	3.1	16

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37	Neural correlates of altered insight in frontotemporal dementia: a systematic review. <i>NeuroImage: Clinical</i> , 2019, 24, 102066.	2.7	14
38	Paraneoplastic tumefactive demyelination with underlying combined germ cell cancer. <i>Practical Neurology</i> , 2015, 15, 451-455.	1.1	12
39	Drumming Motor Sequence Training Induces Apparent Myelin Remodelling in Huntington's Disease: A Longitudinal Diffusion MRI and Quantitative Magnetization Transfer Study. <i>Journal of Huntington's Disease</i> , 2020, 9, 303-320.	1.9	12
40	APOE ϵ 4, Alzheimer's disease neuropathology and sleep disturbance, in individuals with and without dementia. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 47.	6.2	12
41	Metacognitive Performance on Memory and Visuospatial Tasks in Functional Cognitive Disorder. <i>Brain Sciences</i> , 2021, 11, 1368.	2.3	10
42	Enhancing attention in neurodegenerative diseases: current therapies and future directions. <i>Translational Neuroscience</i> , 2016, 7, 98-109.	1.4	8
43	Incomplete Hippocampal Inversion and Its Relationship to Hippocampal Subfield Volumes and Aging. <i>Journal of Neuroimaging</i> , 2018, 28, 422-428.	2.0	8
44	The past, present, and future of sleep measurement in mild cognitive impairment and early dementia towards a core outcome set: a scoping review. <i>Sleep</i> , 2022, 45, .	1.1	8
45	Magnetic resonance scanning and image segmentation procedure at 3 T for volumetry of human hippocampal subfields. <i>Biomedical Spectroscopy and Imaging</i> , 2015, 4, 197-208.	1.2	7
46	Prospective memory in prodromal Alzheimer's disease: Real world relevance and correlations with cortical thickness and hippocampal subfield volumes. <i>NeuroImage: Clinical</i> , 2020, 26, 102226.	2.7	7
47	A randomised controlled trial of calcium channel blockade (CCB) with Amlodipine For the treatment of subcortical ischaemic vascular dementia (AFFECT): study protocol. <i>Trials</i> , 2016, 17, 324.	1.6	6
48	Meaningful and Measurable Health Domains in Huntington's Disease: Large-Scale Validation of the Huntington's Disease Health-Related Quality of Life Questionnaire Across Severity Stages. <i>Value in Health</i> , 2019, 22, 712-720.	0.3	6
49	Multi-compartment analysis of the complex gradient-echo signal quantifies myelin breakdown in premanifest Huntington's disease. <i>NeuroImage: Clinical</i> , 2021, 30, 102658.	2.7	6
50	Teaching NeuroImages: COVID-19 associated acute disseminated encephalomyelitis with corpus callosal hemorrhage. <i>Neurology</i> , 2020, 96, 10.1212/WNL.00000000000011001.	1.1	5
51	Mutation-related magnetization transfer, not axon density, drives white matter differences in premanifest Huntington disease: Evidence from in vivo ultra-strong gradient MRI. <i>Human Brain Mapping</i> , 2022, 43, 3439-3460.	3.6	5
52	Nap-mediated benefit to implicit information processing across age using an affective priming paradigm. <i>Journal of Sleep Research</i> , 2019, 28, e12728.	3.2	4
53	Levodopa does not affect expression of reinforcement learning in older adults. <i>Scientific Reports</i> , 2019, 9, 6349.	3.3	4
54	Understanding the Impact of Urinary Incontinence in Persons with Dementia: Development of an Interdisciplinary Service Model. <i>Advances in Urology</i> , 2021, 2021, 1-6.	1.3	4

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55	A passive and objective measure of recognition memory in Alzheimer's disease using Fastball memory assessment. <i>Brain</i> , 2021, 144, 2812-2825.	7.6	4
56	Caffeine and attentional control: improved and impaired performance in healthy older adults and Parkinson's disease according to task demands. <i>Psychopharmacology</i> , 2022, 239, 605-619.	3.1	4
57	Assessment and Treatment of Nocturia in Neurological Disease in a Primary Care Setting: Systematic Review and Nominal Group Technique Consensus. <i>European Urology Focus</i> , 2022, 8, 33-41.	3.1	3
58	Memory consolidation " Mechanisms and opportunities for enhancement. <i>Translational Neuroscience</i> , 2013, 4, 448-457.	1.4	2
59	Mixed neuropathology in frontotemporal lobar degeneration. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2020, 21, 301-308.	1.7	2
60	Sleep and future cognitive decline. <i>Brain</i> , 2021, 144, 2568-2570.	7.6	2
61	Refining Alzheimer's disease diagnosis with MRI. <i>Brain</i> , 2017, 140, 524-526.	7.6	1
62	Preliminary evidence that caffeine improves attention in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 64, 103924.	2.0	1
63	Bringing cognitive testing into the real world. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 363-363.	1.9	0
64	Protocol for a scoping review of measurement of sleep in mild cognitive impairment and early dementia. <i>AMRC Open Research</i> , 0, 3, 13.	1.7	0
65	Sleep and the risk of cognitive impairment and dementia: further insights from the Caerphilly Prospective Study. <i>BJPsych Open</i> , 2021, 7, S49-S49.	0.7	0
66	Is subjective cognitive decline (SCD) a better marker of susceptibility to functional cognitive disorder (FCD) than to neurodegeneration?: The caerphilly prospective study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, A4.1-A4.	1.9	0
67	Mutation-related apparent myelin, not axon density, drives white matter pathology in premanifest huntington's disease: evidence from in vivo ultra-strong gradient MRI. , 2021, , .		0
68	Functional Cognitive Disorder. , 2019, , .		0
69	Cross-sectional associations between sleep quality reports and core Alzheimer's disease biomarkers in cognitively unimpaired adults from the European Prevention of Alzheimer's Dementia Longitudinal Cohort Study (EPAD LCS). <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0