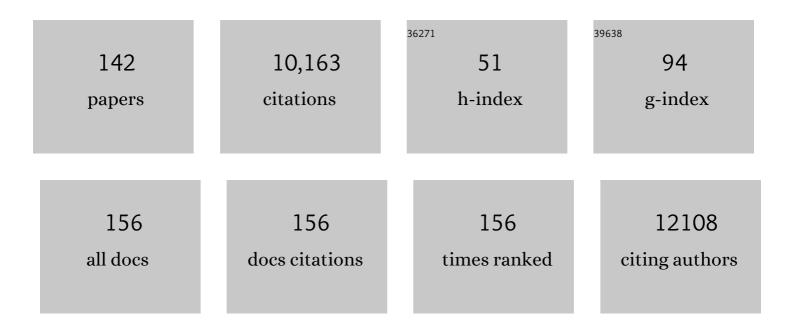
Neil A Harrison

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Visceral Influences on Brain and Behavior. Neuron, 2013, 77, 624-638.	3.8	774
2	Inflammation Causes Mood Changes Through Alterations in Subgenual Cingulate Activity and Mesolimbic Connectivity. Biological Psychiatry, 2009, 66, 407-414.	0.7	629
3	Interoception and Mental Health: A Roadmap. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 501-513.	1.1	524
4	Disorders of compulsivity: a common bias towards learning habits. Molecular Psychiatry, 2015, 20, 345-352.	4.1	523
5	Peripheral Inflammation is Associated with Altered Substantia Nigra Activity and Psychomotor Slowing in Humans. Biological Psychiatry, 2008, 63, 1022-1029.	0.7	326
6	Discrepancies between dimensions of interoception in autism: Implications for emotion and anxiety. Biological Psychology, 2016, 114, 117-126.	1.1	326
7	Neural Correlates of Sexual Cue Reactivity in Individuals with and without Compulsive Sexual Behaviours. PLoS ONE, 2014, 9, e102419.	1.1	308
8	Neural Origins of Human Sickness in Interoceptive Responses to Inflammation. Biological Psychiatry, 2009, 66, 415-422.	0.7	290
9	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	4.0	261
10	The Embodiment of Emotional Feelings in the Brain. Journal of Neuroscience, 2010, 30, 12878-12884.	1.7	247
11	Treatment-resistant depression and peripheral C-reactive protein. British Journal of Psychiatry, 2019, 214, 11-19.	1.7	241
12	Pupillary contagion: central mechanisms engaged in sadness processing. Social Cognitive and Affective Neuroscience, 2006, 1, 5-17.	1.5	190
13	Explaining Enhanced Logical Consistency during Decision Making in Autism. Journal of Neuroscience, 2008, 28, 10746-10750.	1.7	188
14	Pathophysiological and cognitive mechanisms of fatigue in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 642-651.	0.9	186
15	Replicable and Coupled Changes in Innate and Adaptive Immune Gene Expression in Two Case-Control Studies of Blood Microarrays in Major Depressive Disorder. Biological Psychiatry, 2018, 83, 70-80.	0.7	158
16	Fronto-striatal organization: Defining functional and microstructural substrates of behavioural flexibility. Cortex, 2016, 74, 118-133.	1.1	155
17	Following One's Heart: Cardiac Rhythms Gate Central Initiation of Sympathetic Reflexes. Journal of Neuroscience, 2009, 29, 1817-1825.	1.7	152
18	Measuring "Waiting―Impulsivity in Substance Addictions and Binge Eating Disorder in a Novel Analogue of Rodent Serial Reaction Time Task. Biological Psychiatry, 2014, 75, 148-155.	0.7	151

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19	A Neurocomputational Account of How Inflammation Enhances Sensitivity to Punishments Versus Rewards. Biological Psychiatry, 2016, 80, 73-81.	0.7	137
20	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
21	Emotional appraisal is influenced by cardiac afferent information Emotion, 2012, 12, 180-191.	1.5	134
22	Modulation of Emotional Appraisal by False Physiological Feedback during fMRI. PLoS ONE, 2007, 2, e546.	1.1	124
23	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	4.0	120
24	Evaluation of the accuracy of seizure descriptions by the relatives of patients with epilepsy. Epilepsy Research, 2001, 43, 193-199.	0.8	110
25	Impulsivity in disorders of food and drug misuse. Psychological Medicine, 2015, 45, 771-782.	2.7	107
26	Quantitative Magnetization Transfer Imaging as a Biomarker for Effects of Systemic Inflammation on the Brain. Biological Psychiatry, 2015, 78, 49-57.	0.7	105
27	Peripheral Inflammation Acutely Impairs Human Spatial Memory via Actions on Medial Temporal Lobe Glucose Metabolism. Biological Psychiatry, 2014, 76, 585-593.	0.7	103
28	Novelty, conditioning and attentional bias to sexual rewards. Journal of Psychiatric Research, 2016, 72, 91-101.	1.5	102
29	Inflammation and Brain Structure in Schizophrenia and Other Neuropsychiatric Disorders. JAMA Psychiatry, 2022, 79, 498.	6.0	99
30	Autism Attenuates Sex Differences in Brain Structure: A Combined Voxel-Based Morphometry and Diffusion Tensor Imaging Study. American Journal of Neuroradiology, 2012, 33, 83-89.	1.2	92
31	Peripheral Blood Cell–Stratified Subgroups of Inflamed Depression. Biological Psychiatry, 2020, 88, 185-196.	0.7	89
32	Interferon-Alpha Reduces Human Hippocampal Neurogenesis and Increases Apoptosis via Activation of Distinct STAT1-Dependent Mechanisms. International Journal of Neuropsychopharmacology, 2018, 21, 187-200.	1.0	85
33	Enhanced Attentional Bias towards Sexually Explicit Cues in Individuals with and without Compulsive Sexual Behaviours. PLoS ONE, 2014, 9, e105476.	1.1	82
34	Comparing resting state fMRI de-noising approaches using multi- and single-echo acquisitions. PLoS ONE, 2017, 12, e0173289.	1.1	79
35	Processing of observed pupil size modulates perception of sadness and predicts empathy Emotion, 2007, 7, 724-729.	1.5	77
36	Brain structure and joint hypermobility: Relevance to the expression of psychiatric symptoms. British Journal of Psychiatry, 2012, 200, 508-509.	1.7	77

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37	Impulse control disorders in Parkinson's disease: decreased striatal dopamine transporter levels. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 148-152.	0.9	77
38	Effects of Inflammation on Hippocampus and Substantia Nigra Responses to Novelty in Healthy Human Participants. Neuropsychopharmacology, 2015, 40, 831-838.	2.8	77
39	Motivation and value influences in the relative balance of goal-directed and habitual behaviours in obsessive-compulsive disorder. Translational Psychiatry, 2015, 5, e670-e670.	2.4	72
40	Actionâ€effect binding is decreased in motor conversion disorder: Implications for sense of agency. Movement Disorders, 2013, 28, 1110-1116.	2.2	70
41	Childhood trauma, HPA axis activity and antidepressant response in patients with depression. Brain, Behavior, and Immunity, 2020, 87, 229-237.	2.0	70
42	Reflection impulsivity in binge drinking: behavioural and volumetric correlates. Addiction Biology, 2016, 21, 504-515.	1.4	68
43	Characterizing axonal myelination within the healthy population: a tract-by-tract mapping of effects of age and gender on the fiber g-ratio. Neurobiology of Aging, 2017, 49, 109-118.	1.5	66
44	Jumping the Gun: Mapping Neural Correlates of Waiting Impulsivity and Relevance Across Alcohol Misuse. Biological Psychiatry, 2016, 79, 499-507.	0.7	65
45	Central autonomic network mediates cardiovascular responses to acute inflammation: Relevance to increased cardiovascular risk in depression?. Brain, Behavior, and Immunity, 2013, 31, 189-196.	2.0	64
46	Abnormal Functional Brain Connectivity and Personality Traits in Myotonic Dystrophy Type 1. JAMA Neurology, 2014, 71, 603.	4.5	62
47	Persistent fatigue induced by interferon-alpha: a novel, inflammation-based, proxy model of chronic fatigue syndrome. Psychoneuroendocrinology, 2019, 100, 276-285.	1.3	62
48	Whole-blood expression of inflammasome- and glucocorticoid-related mRNAs correctly separates treatment-resistant depressed patients from drug-free and responsive patients in the BIODEP study. Translational Psychiatry, 2020, 10, 232.	2.4	62
49	Sex Differences and Autism: Brain Function during Verbal Fluency and Mental Rotation. PLoS ONE, 2012, 7, e38355.	1.1	61
50	Interoception and Inflammation in Psychiatric Disorders. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 514-524.	1.1	61
51	Acute Changes in Striatal Microstructure Predict the Development of Interferon-Alpha Induced Fatigue. Biological Psychiatry, 2016, 79, 320-328.	0.7	60
52	Increased Ventral Striatal Volume in College-Aged Binge Drinkers. PLoS ONE, 2013, 8, e74164.	1.1	54
53	Physiological recordings: Basic concepts and implementation during functional magnetic resonance imaging. NeuroImage, 2009, 47, 1105-1115.	2.1	52
54	Impaired Decisional Impulsivity in Pathological Videogamers. PLoS ONE, 2013, 8, e75914.	1.1	51

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55	Brain Structures Implicated in Inflammation-Associated Depression. Current Topics in Behavioral Neurosciences, 2016, 31, 221-248.	0.8	45
56	Dynamic pupillary exchange engages brain regions encoding social salience. Social Neuroscience, 2009, 4, 233-243.	0.7	44
57	Biases in the Explore–Exploit Tradeoff in Addictions: The Role of Avoidance of Uncertainty. Neuropsychopharmacology, 2016, 41, 940-948.	2.8	43
58	Dysconnectivity of a brain functional network was associated with blood inflammatory markers in depression. Brain, Behavior, and Immunity, 2021, 98, 299-309.	2.0	43
59	Interferon-α acutely impairs whole-brain functional connectivity network architecture – A preliminary study. Brain, Behavior, and Immunity, 2016, 58, 31-39.	2.0	42
60	PET imaging shows no changes in TSPO brain density after IFN-α immune challenge in healthy human volunteers. Translational Psychiatry, 2020, 10, 89.	2.4	40
61	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	3.1	40
62	Psychogenic amnesia: syndromes, outcome, and patterns of retrograde amnesia. Brain, 2017, 140, 2498-2510.	3.7	39
63	Under Pressure: Response Urgency Modulates Striatal and Insula Activity during Decision-Making under Risk. PLoS ONE, 2011, 6, e20942.	1.1	36
64	Choroid plexus enlargement is associated with neuroinflammation and reduction of blood brain barrier permeability in depression. NeuroImage: Clinical, 2022, 33, 102926.	1.4	36
65	Abnormalities in fronto-striatal connectivity within language networks relate to differences in grey-matter heterogeneity in Asperger syndrome. NeuroImage: Clinical, 2013, 2, 716-726.	1.4	34
66	From facial mimicry to emotional empathy: A role for norepinephrine ?. Social Neuroscience, 2010, 5, 393-400.	0.7	32
67	Introducing axonal myelination in connectomics: A preliminary analysis of g-ratio distribution in healthy subjects. Neurolmage, 2018, 182, 351-359.	2.1	32
68	Face perception enhances insula and motor network reactivity in Tourette syndrome. Brain, 2018, 141, 3249-3261.	3.7	32
69	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. Molecular Psychiatry, 2021, 26, 7346-7354.	4.1	32
70	Risk-Taking in Disorders of Natural and Drug Rewards: Neural Correlates and Effects of Probability, Valence, and Magnitude. Neuropsychopharmacology, 2015, 40, 804-812.	2.8	31
71	Compulsivity Across the Pathological Misuse of Drug and Non-Drug Rewards. Frontiers in Behavioral Neuroscience, 2016, 10, 154.	1.0	31
72	Structural brain abnormalities in postural tachycardia syndrome: A VBM-DARTEL study. Frontiers in Neuroscience, 2015, 9, 34.	1.4	30

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73	Why I tense up when you watch me: Inferior parietal cortex mediates an audience's influence on motor performance. Scientific Reports, 2016, 6, 19305.	1.6	29
74	Emotional modulation of visual cortex activity: a functional near-infrared spectroscopy study. NeuroReport, 2009, 20, 1344-1350.	0.6	28
75	Neuronal Correlates of Risk-Seeking Attitudes to Anticipated Losses in Binge Drinkers. Biological Psychiatry, 2014, 76, 717-724.	0.7	28
76	Binge drinking differentially affects cortical and subcortical microstructure. Addiction Biology, 2018, 23, 403-411.	1.4	28
77	Beyond bones: The relevance of variants of connective tissue (hypermobility) to fibromyalgia, ME/CFS and controversies surrounding diagnostic classification: an observational study. Clinical Medicine, 2021, 21, 53-58.	0.8	28
78	Effects of anti-inflammatory drugs on the expression of tryptophan-metabolism genes by human macrophages. Journal of Leukocyte Biology, 2018, 103, 681-692.	1.5	27
79	Interferon-alpha-Induced Changes in NODDI Predispose to the Development of Fatigue. Neuroscience, 2019, 403, 111-117.	1.1	27
80	Atypical herpes type 2 encephalitis associated with normal MRI imaging. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 974-976.	0.9	26
81	Interferon and anti-TNF therapies differentially modulate amygdala reactivity which predicts associated bidirectional changes in depressive symptoms. Molecular Psychiatry, 2021, 26, 5150-5160.	4.1	26
82	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. NeuroImage: Clinical, 2021, 30, 102587.	1.4	26
83	Sensations of skin infestation linked to abnormal frontolimbic brain reactivity and differences in self-representation. Neuropsychologia, 2015, 77, 90-96.	0.7	25
84	Late recurrences of Sydenham's chorea are not associated with anti-basal ganglia antibodies. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1478-1479.	0.9	24
85	Neural Signatures of Economic Parameters During Decision-Making: A Functional MRI (fMRI), Electroencephalography (EEG) and Autonomic Monitoring Study. Brain Topography, 2012, 25, 73-96.	0.8	24
86	Response inhibition in motor conversion disorder. Movement Disorders, 2013, 28, 612-618.	2.2	24
87	A feasibility study exploring the role of pre-operative assessment when examining the mechanism of †chemo-brain' in breast cancer patients. SpringerPlus, 2016, 5, 390.	1.2	24
88	A neurocomputational account of reward and novelty processing and effects of psychostimulants in attention deficit hyperactivity disorder. Brain, 2018, 141, 1545-1557.	3.7	22
89	Neuroanatomical substrates for the volitional regulation of heart rate. Frontiers in Psychology, 2015, 06, 300.	1.1	21
90	Toward the unity of pathological and exertional fatigue: A predictive processing model. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 215-228.	1.0	21

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91	You Turn Me Cold: Evidence for Temperature Contagion. PLoS ONE, 2014, 9, e116126.	1.1	19
92	Acute tryptophan depletion attenuates conscious appraisal of social emotional signals in healthy female volunteers. Psychopharmacology, 2011, 213, 603-613.	1.5	18
93	Depression Phenotype, Inflammation, and the Brain. Psychosomatic Medicine, 2016, 78, 384-388.	1.3	18
94	Epilepsy causing pupillary hippus: an unusual semiology. Epilepsia, 2011, 52, e93-6.	2.6	17
95	Gray matter textural heterogeneity as a potential in-vivo biomarker of fine structural abnormalities in Asperger syndrome. Pharmacogenomics Journal, 2013, 13, 70-79.	0.9	17
96	Unravelling the effects of methylphenidate on the dopaminergic and noradrenergic functional circuits. Neuropsychopharmacology, 2020, 45, 1482-1489.	2.8	17
97	Affective neuroscience and psychiatry. British Journal of Psychiatry, 2007, 191, 192-194.	1.7	15
98	Minocycline differentially modulates human spatial memory systems. Neuropsychopharmacology, 2020, 45, 2162-2169.	2.8	15
99	The influence of comorbid depression and overweight status on peripheral inflammation and cortisol levels. Psychological Medicine, 2022, 52, 3289-3296.	2.7	15
100	Amplified engagement of prefrontal cortex during control of voluntary action in Tourette syndrome. Brain Communications, 2020, 2, fcaa199.	1.5	15
101	Waiting Impulsivity: The Influence of Acute Methylphenidate and Feedback. International Journal of Neuropsychopharmacology, 2016, 19, pyv074.	1.0	14
102	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1140-1149.	3.1	14
103	No evidence for differential gene expression in major depressive disorder PBMCs, but robust evidence of elevated biological ageing. Translational Psychiatry, 2021, 11, 404.	2.4	14
104	Sexually divergent development of depression-related brain networks during healthy human adolescence. Science Advances, 2022, 8, .	4.7	14
105	Magnetization transfer imaging identifies basal ganglia abnormalities in adult ADHD that are invisible to conventional T1 weighted voxel-based morphometry. NeuroImage: Clinical, 2017, 15, 8-14.	1.4	13
106	A Two-Way Road. , 2013, , 82-106.		12
107	Expression of sterile-α and armadillo motif containing protein (SARM) in rheumatoid arthritis monocytes correlates with TLR2-induced IL-1β and disease activity. Rheumatology, 2021, 60, 5843-5853.	0.9	11
108	Diffusion-weighted MR spectroscopy (DW-MRS) is sensitive to LPS-induced changes in human glial morphometry: A preliminary study. Brain, Behavior, and Immunity, 2022, 99, 256-265.	2.0	11

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109	Factor analyses differentiate clinical phenotypes of idiopathic and interferon-alpha-induced depression. Brain, Behavior, and Immunity, 2019, 80, 519-524.	2.0	10
110	Interactions between perceptions of fatigue, effort, and affect decrease knee extensor endurance performance following upper body motor activity, independent of changes in neuromuscular function. Psychophysiology, 2020, 57, e13602.	1.2	10
111	A Modest Increase in 11C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 716-724.	1.1	10
112	Effect of the subjective intensity of fatigue and interoception on perceptual regulation and performance during sustained physical activity. PLoS ONE, 2022, 17, e0262303.	1.1	10
113	Shifting uncertainty intolerance: methylphenidate and attention-deficit hyperactivity disorder. Translational Psychiatry, 2021, 11, 12.	2.4	9
114	Startle responses in Duchenne muscular dystrophy: a novel biomarker of brain dystrophin deficiency. Brain, 2023, 146, 252-265.	3.7	9
115	Co-infection with HIV associated with reduced vulnerability to symptoms of depression during antiviral treatment for hepatitis C. Psychiatry Research, 2017, 253, 150-157.	1.7	8
116	Transcriptomic and cellular decoding of functional brain connectivity changes reveal regional brain vulnerability to pro- and anti-inflammatory therapies. Brain, Behavior, and Immunity, 2022, 102, 312-323.	2.0	7
117	Dissociating self-generated volition from externally-generated motivation. PLoS ONE, 2020, 15, e0232949.	1.1	6
118	Endocrine Diseases and Metabolic Disorders. , 0, , 617-688.		5
119	Research priorities for neuroimmunology: identifying the key research questions to be addressed by 2030. Wellcome Open Research, 2021, 6, 194.	0.9	5
120	Cyberball3D+: A 3D Serious Game for fMRI Investigating Social Exclusion and Empathy. , 2014, , .		4
121	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 56, 103224.	0.9	4
122	Immune influences on the brain: new findings and implications for treatment. Psychopharmacology, 2016, 233, 1539-1541.	1.5	3
123	What's in a name? How about being listed in the "Psychiatry―category in Clarivate's Journal Citation Index!. Brain, Behavior, and Immunity, 2019, 78, 3-4.	2.0	3
124	Psychiatric manifestations. BMJ: British Medical Journal, 2011, 342, d998-d998.	2.4	3
125	Commentary on the 2016 named series: Neuroimaging, inflammation and behavior. Brain, Behavior, and Immunity, 2016, 58, 48-51.	2.0	2
126	DMARDs for mental health symptoms in RA. Nature Reviews Rheumatology, 2018, 14, 507-508.	3.5	2

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127	20â€Dissociative experiences in patients with fibromyalgia are mediated by symptoms of autonomic dysfunction. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, A21.1-A21.	0.9	1
128	Disentangling the Effects of Peripheral Inflammatory Markers on Brain Functional Connectivity. Biological Psychiatry, 2019, 86, 84-86.	0.7	1
129	Inflammation, Sickness Behaviour and Depression. , 2021, , 109-138.		1
130	Development of a novel startle response task in Duchenne muscular dystrophy. PLoS ONE, 2022, 17, e0264091.	1.1	1
131	HCV triple therapy in co-infection HIV/HCV is not associated with a different risk of developing major depressive disorder. Journal of the International AIDS Society, 2014, 17, 19629.	1.2	0
132	NEURAL CORRELATES OF WAITING IMPULSIVITY: A DIMENSIONAL APPROACH TO ALCOHOL MISUSE. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e3.52-e3.	0.9	0
133	Feeling cold is contagious. Temperature, 2016, 3, 20-22.	1.6	0
134	16â€Effect of methylphenidate on risk preference in attention deficit hyperactivity disorder. , 2019, , .		0
135	#3083â€Fibromyalgia and myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS): an interoceptive predictive coding model of pain and fatigue expression. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, A3.3-A4.	0.9	0
136	The Immune System and Anxiety Disorders. , 2021, , 233-257.		0
137	Basic Concepts in Immunobiology. , 2021, , 1-24.		0
138	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia. , 2021, , 258-291.		0
139	Immunotherapies for Depression. , 2021, , 139-163.		0
140	The Effect of Systemic Inflammation on Cognitive Function and Neurodegenerative Disease. , 2021, , 164-189.		0
141	Stress, Immune System and the Brain. , 2021, , 51-72.		0
142	076†Increased physiological responses to threat in Duchenne muscular dystrophy: a potential CNS outcome measure. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, A36.1-A36.	0.9	0