Neil A Harrison

List of Publications by Year in descending order

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36303 39675 10,163 142 51 94 citations h-index g-index papers 156 156 156 12108 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Startle responses in Duchenne muscular dystrophy: a novel biomarker of brain dystrophin deficiency. Brain, 2023, 146, 252-265.	7.6	9
2	The influence of comorbid depression and overweight status on peripheral inflammation and cortisol levels. Psychological Medicine, 2022, 52, 3289-3296.	4.5	15
3	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.	4.1	11
4	Toward the unity of pathological and exertional fatigue: A predictive processing model. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 215-228.	2.0	21
5	Effect of the subjective intensity of fatigue and interoception on perceptual regulation and performance during sustained physical activity. PLoS ONE, 2022, 17, e0262303.	2.5	10
6	Choroid plexus enlargement is associated with neuroinflammation and reduction of blood brain barrier permeability in depression. Neurolmage: Clinical, 2022, 33, 102926.	2.7	36
7	Inflammation and Brain Structure in Schizophrenia and Other Neuropsychiatric Disorders. JAMA Psychiatry, 2022, 79, 498.	11.0	99
8	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.	4.1	7
9	Development of a novel startle response task in Duchenne muscular dystrophy. PLoS ONE, 2022, 17, e0264091.	2.5	1
10	Sexually divergent development of depression-related brain networks during healthy human adolescence. Science Advances, 2022, 8, .	10.3	14
11	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.	1.9	O
12	Interferon and anti-TNF therapies differentially modulate amygdala reactivity which predicts associated bidirectional changes in depressive symptoms. Molecular Psychiatry, 2021, 26, 5150-5160.	7.9	26
13	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
14	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.	1.9	28
15	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.	2.7	26
16	Expression of sterile- \hat{l} ± and armadillo motif containing protein (SARM) in rheumatoid arthritis monocytes correlates with TLR2-induced IL- \hat{l} 2 and disease activity. Rheumatology, 2021, 60, 5843-5853.	1.9	11
17	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.	5.2	14
18	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.	5.2	40

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19	#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.	1.9	O
20	Research priorities for neuroimmunology: identifying the key research questions to be addressed by 2030. Wellcome Open Research, 2021, 6, 194.	1.8	5
21	No evidence for differential gene expression in major depressive disorder PBMCs, but robust evidence of elevated biological ageing. Translational Psychiatry, 2021, 11, 404.	4.8	14
22	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.	1.5	10
23	The Immune System and Anxiety Disorders. , 2021, , 233-257.		0
24	Basic Concepts in Immunobiology. , 2021, , 1-24.		0
25	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. Molecular Psychiatry, 2021, 26, 7346-7354.	7.9	32
26	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia., 2021,, 258-291.		0
27	Immunotherapies for Depression. , 2021, , 139-163.		0
28	Inflammation, Sickness Behaviour and Depression. , 2021, , 109-138.		1
29	The Effect of Systemic Inflammation on Cognitive Function and Neurodegenerative Disease. , 2021, , 164-189.		0
30	Stress, Immune System and the Brain. , 2021, , 51-72.		0
31	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 56, 103224.	2.0	4
32	Dysconnectivity of a brain functional network was associated with blood inflammatory markers in depression. Brain, Behavior, and Immunity, 2021, 98, 299-309.	4.1	43
33	Shifting uncertainty intolerance: methylphenidate and attention-deficit hyperactivity disorder. Translational Psychiatry, 2021, 11, 12.	4.8	9
34	Childhood trauma, HPA axis activity and antidepressant response in patients with depression. Brain, Behavior, and Immunity, 2020, 87, 229-237.	4.1	70
35	Peripheral Blood Cell–Stratified Subgroups of Inflamed Depression. Biological Psychiatry, 2020, 88, 185-196.	1.3	89
36	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.	4.8	62

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37	Minocycline differentially modulates human spatial memory systems. Neuropsychopharmacology, 2020, 45, 2162-2169.	5.4	15
38	Dissociating self-generated volition from externally-generated motivation. PLoS ONE, 2020, 15, e0232949.	2.5	6
39	Unravelling the effects of methylphenidate on the dopaminergic and noradrenergic functional circuits. Neuropsychopharmacology, 2020, 45, 1482-1489.	5.4	17
40	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.	7.2	120
41	PET imaging shows no changes in TSPO brain density after IFN-α immune challenge in healthy human volunteers. Translational Psychiatry, 2020, 10, 89.	4.8	40
42	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.	2.4	10
43	Amplified engagement of prefrontal cortex during control of voluntary action in Tourette syndrome. Brain Communications, 2020, 2, fcaa199.	3.3	15
44	Treatment-resistant depression and peripheral C-reactive protein. British Journal of Psychiatry, 2019, 214, 11-19.	2.8	241
45	Disentangling the Effects of Peripheral Inflammatory Markers on Brain Functional Connectivity. Biological Psychiatry, 2019, 86, 84-86.	1.3	1
46	Pathophysiological and cognitive mechanisms of fatigue in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 642-651.	1.9	186
47	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.	7.2	261
48	Factor analyses differentiate clinical phenotypes of idiopathic and interferon-alpha-induced depression. Brain, Behavior, and Immunity, 2019, 80, 519-524.	4.1	10
49	16â€Effect of methylphenidate on risk preference in attention deficit hyperactivity disorder., 2019,,.		O
50	Persistent fatigue induced by interferon-alpha: a novel, inflammation-based, proxy model of chronic fatigue syndrome. Psychoneuroendocrinology, 2019, 100, 276-285.	2.7	62
51	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.	4.1	3
52	Interferon-alpha-Induced Changes in NODDI Predispose to the Development of Fatigue. Neuroscience, 2019, 403, 111-117.	2.3	27
53	Effects of anti-inflammatory drugs on the expression of tryptophan-metabolism genes by human macrophages. Journal of Leukocyte Biology, 2018, 103, 681-692.	3.3	27
54	Interoception and Inflammation in Psychiatric Disorders. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 514-524.	1.5	61

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55	Interoception and Mental Health: A Roadmap. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 501-513.	1.5	524
56	Interferon-Alpha Reduces Human Hippocampal Neurogenesis and Increases Apoptosis via Activation of Distinct STAT1-Dependent Mechanisms. International Journal of Neuropsychopharmacology, 2018, 21, 187-200.	2.1	85
57	A neurocomputational account of reward and novelty processing and effects of psychostimulants in attention deficit hyperactivity disorder. Brain, 2018, 141, 1545-1557.	7.6	22
58	Binge drinking differentially affects cortical and subcortical microstructure. Addiction Biology, 2018, 23, 403-411.	2.6	28
59	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.	1.3	158
60	Introducing axonal myelination in connectomics: A preliminary analysis of g-ratio distribution in healthy subjects. NeuroImage, 2018, 182, 351-359.	4.2	32
61	Face perception enhances insula and motor network reactivity in Tourette syndrome. Brain, 2018, 141, 3249-3261.	7.6	32
62	DMARDs for mental health symptoms in RA. Nature Reviews Rheumatology, 2018, 14, 507-508.	8.0	2
63	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.	2.7	13
64	Co-infection with HIV associated with reduced vulnerability to symptoms of depression during antiviral treatment for hepatitis C. Psychiatry Research, 2017, 253, 150-157.	3.3	8
65	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.	1.9	1
66	Psychogenic amnesia: syndromes, outcome, and patterns of retrograde amnesia. Brain, 2017, 140, 2498-2510.	7.6	39
67	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.	3.1	66
68	Comparing resting state fMRI de-noising approaches using multi- and single-echo acquisitions. PLoS ONE, 2017, 12, e0173289.	2.5	79
69	Compulsivity Across the Pathological Misuse of Drug and Non-Drug Rewards. Frontiers in Behavioral Neuroscience, 2016, 10, 154.	2.0	31
70	Depression Phenotype, Inflammation, and the Brain. Psychosomatic Medicine, 2016, 78, 384-388.	2.0	18
71	Interferon-α acutely impairs whole-brain functional connectivity network architecture – A preliminary study. Brain, Behavior, and Immunity, 2016, 58, 31-39.	4.1	42
72	Fronto-striatal organization: Defining functional and microstructural substrates of behavioural flexibility. Cortex, 2016, 74, 118-133.	2.4	155

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73	Immune influences on the brain: new findings and implications for treatment. Psychopharmacology, 2016, 233, 1539-1541.	3.1	3
74	Commentary on the 2016 named series: Neuroimaging, inflammation and behavior. Brain, Behavior, and Immunity, 2016, 58, 48-51.	4.1	2
75	Why I tense up when you watch me: Inferior parietal cortex mediates an audience's influence on motor performance. Scientific Reports, 2016, 6, 19305.	3.3	29
76	Brain Structures Implicated in Inflammation-Associated Depression. Current Topics in Behavioral Neurosciences, 2016, 31, 221-248.	1.7	45
77	A feasibility study exploring the role of pre-operative assessment when examining the mechanism of â€~chemo-brain' in breast cancer patients. SpringerPlus, 2016, 5, 390.	1.2	24
78	Waiting Impulsivity: The Influence of Acute Methylphenidate and Feedback. International Journal of Neuropsychopharmacology, 2016, 19, pyv074.	2.1	14
79	Reflection impulsivity in binge drinking: behavioural and volumetric correlates. Addiction Biology, 2016, 21, 504-515.	2.6	68
80	Feeling cold is contagious. Temperature, 2016, 3, 20-22.	3.0	0
81	Acute Changes in Striatal Microstructure Predict the Development of Interferon-Alpha Induced Fatigue. Biological Psychiatry, 2016, 79, 320-328.	1.3	60
82	Novelty, conditioning and attentional bias to sexual rewards. Journal of Psychiatric Research, 2016, 72, 91-101.	3.1	102
83	Discrepancies between dimensions of interoception in autism: Implications for emotion and anxiety. Biological Psychology, 2016, 114, 117-126.	2.2	326
84	A Neurocomputational Account of How Inflammation Enhances Sensitivity to Punishments Versus Rewards. Biological Psychiatry, 2016, 80, 73-81.	1.3	137
85	Jumping the Gun: Mapping Neural Correlates of Waiting Impulsivity and Relevance Across Alcohol Misuse. Biological Psychiatry, 2016, 79, 499-507.	1.3	65
86	Biases in the Explore–Exploit Tradeoff in Addictions: The Role of Avoidance of Uncertainty. Neuropsychopharmacology, 2016, 41, 940-948.	5.4	43
87	NEURAL CORRELATES OF WAITING IMPULSIVITY: A DIMENSIONAL APPROACH TO ALCOHOL MISUSE. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e3.52-e3.	1.9	0
88	Motivation and value influences in the relative balance of goal-directed and habitual behaviours in obsessive-compulsive disorder. Translational Psychiatry, 2015, 5, e670-e670.	4.8	72
89	Quantitative Magnetization Transfer Imaging as a Biomarker for Effects of Systemic Inflammation on the Brain. Biological Psychiatry, 2015, 78, 49-57.	1.3	105
90	Neuroanatomical substrates for the volitional regulation of heart rate. Frontiers in Psychology, 2015, 06, 300.	2.1	21

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91	Structural brain abnormalities in postural tachycardia syndrome: A VBM-DARTEL study. Frontiers in Neuroscience, 2015, 9, 34.	2.8	30
92	Impulsivity in disorders of food and drug misuse. Psychological Medicine, 2015, 45, 771-782.	4.5	107
93	Sensations of skin infestation linked to abnormal frontolimbic brain reactivity and differences in self-representation. Neuropsychologia, 2015, 77, 90-96.	1.6	25
94	Effects of Inflammation on Hippocampus and Substantia Nigra Responses to Novelty in Healthy Human Participants. Neuropsychopharmacology, 2015, 40, 831-838.	5.4	77
95	Risk-Taking in Disorders of Natural and Drug Rewards: Neural Correlates and Effects of Probability, Valence, and Magnitude. Neuropsychopharmacology, 2015, 40, 804-812.	5.4	31
96	Disorders of compulsivity: a common bias towards learning habits. Molecular Psychiatry, 2015, 20, 345-352.	7.9	523
97	Neural Correlates of Sexual Cue Reactivity in Individuals with and without Compulsive Sexual Behaviours. PLoS ONE, 2014, 9, e102419.	2.5	308
98	Enhanced Attentional Bias towards Sexually Explicit Cues in Individuals with and without Compulsive Sexual Behaviours. PLoS ONE, 2014, 9, e105476.	2.5	82
99	You Turn Me Cold: Evidence for Temperature Contagion. PLoS ONE, 2014, 9, e116126.	2.5	19
100	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.	3.0	0
101	Cyberball3D+: A 3D Serious Game for fMRI Investigating Social Exclusion and Empathy. , 2014, , .		4
102	Abnormal Functional Brain Connectivity and Personality Traits in Myotonic Dystrophy Type 1. JAMA Neurology, 2014, 71, 603.	9.0	62
103	Impulse control disorders in Parkinson's disease: decreased striatal dopamine transporter levels. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 148-152.	1.9	77
104	Neuronal Correlates of Risk-Seeking Attitudes to Anticipated Losses in Binge Drinkers. Biological Psychiatry, 2014, 76, 717-724.	1.3	28
105	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.	1.3	151
106	Peripheral Inflammation Acutely Impairs Human Spatial Memory via Actions on Medial Temporal Lobe Glucose Metabolism. Biological Psychiatry, 2014, 76, 585-593.	1.3	103
107	Abnormalities in fronto-striatal connectivity within language networks relate to differences in grey-matter heterogeneity in Asperger syndrome. Neurolmage: Clinical, 2013, 2, 716-726.	2.7	34
108	Central autonomic network mediates cardiovascular responses to acute inflammation: Relevance to increased cardiovascular risk in depression?. Brain, Behavior, and Immunity, 2013, 31, 189-196.	4.1	64

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109	Visceral Influences on Brain and Behavior. Neuron, 2013, 77, 624-638.	8.1	774
110	Actionâ€effect binding is decreased in motor conversion disorder: Implications for sense of agency. Movement Disorders, 2013, 28, 1110-1116.	3.9	70
111	Gray matter textural heterogeneity as a potential in-vivo biomarker of fine structural abnormalities in Asperger syndrome. Pharmacogenomics Journal, 2013, 13, 70-79.	2.0	17
112	Response inhibition in motor conversion disorder. Movement Disorders, 2013, 28, 612-618.	3.9	24
113	Increased Ventral Striatal Volume in College-Aged Binge Drinkers. PLoS ONE, 2013, 8, e74164.	2.5	54
114	Impaired Decisional Impulsivity in Pathological Videogamers. PLoS ONE, 2013, 8, e75914.	2.5	51
115	A Two-Way Road. , 2013, , 82-106.		12
116	Emotional appraisal is influenced by cardiac afferent information Emotion, 2012, 12, 180-191.	1.8	134
117	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.	2.4	92
118	Brain structure and joint hypermobility: Relevance to the expression of psychiatric symptoms. British Journal of Psychiatry, 2012, 200, 508-509.	2.8	77
119	Sex Differences and Autism: Brain Function during Verbal Fluency and Mental Rotation. PLoS ONE, 2012, 7, e38355.	2.5	61
120	Neural Signatures of Economic Parameters During Decision-Making: A Functional MRI (fMRI), Electroencephalography (EEG) and Autonomic Monitoring Study. Brain Topography, 2012, 25, 73-96.	1.8	24
121	Under Pressure: Response Urgency Modulates Striatal and Insula Activity during Decision-Making under Risk. PLoS ONE, 2011, 6, e20942.	2.5	36
122	Epilepsy causing pupillary hippus: an unusual semiology. Epilepsia, 2011, 52, e93-6.	5.1	17
123	Acute tryptophan depletion attenuates conscious appraisal of social emotional signals in healthy female volunteers. Psychopharmacology, 2011, 213, 603-613.	3.1	18
124	Psychiatric manifestations. BMJ: British Medical Journal, 2011, 342, d998-d998.	2.3	3
125	The Embodiment of Emotional Feelings in the Brain. Journal of Neuroscience, 2010, 30, 12878-12884.	3.6	247
126	From facial mimicry to emotional empathy: A role for norepinephrine?. Social Neuroscience, 2010, 5, 393-400.	1.3	32

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127	Dynamic pupillary exchange engages brain regions encoding social salience. Social Neuroscience, 2009, 4, 233-243.	1.3	44
128	Following One's Heart: Cardiac Rhythms Gate Central Initiation of Sympathetic Reflexes. Journal of Neuroscience, 2009, 29, 1817-1825.	3 . 6	152
129	Inflammation Causes Mood Changes Through Alterations in Subgenual Cingulate Activity and Mesolimbic Connectivity. Biological Psychiatry, 2009, 66, 407-414.	1.3	629
130	Physiological recordings: Basic concepts and implementation during functional magnetic resonance imaging. Neurolmage, 2009, 47, 1105-1115.	4.2	52
131	Neural Origins of Human Sickness in Interoceptive Responses to Inflammation. Biological Psychiatry, 2009, 66, 415-422.	1.3	290
132	Emotional modulation of visual cortex activity: a functional near-infrared spectroscopy study. NeuroReport, 2009, 20, 1344-1350.	1.2	28
133	Peripheral Inflammation is Associated with Altered Substantia Nigra Activity and Psychomotor Slowing in Humans. Biological Psychiatry, 2008, 63, 1022-1029.	1.3	326
134	Explaining Enhanced Logical Consistency during Decision Making in Autism. Journal of Neuroscience, 2008, 28, 10746-10750.	3 . 6	188
135	Affective neuroscience and psychiatry. British Journal of Psychiatry, 2007, 191, 192-194.	2.8	15
136	Processing of observed pupil size modulates perception of sadness and predicts empathy Emotion, 2007, 7, 724-729.	1.8	77
137	Modulation of Emotional Appraisal by False Physiological Feedback during fMRI. PLoS ONE, 2007, 2, e546.	2.5	124
138	Pupillary contagion: central mechanisms engaged in sadness processing. Social Cognitive and Affective Neuroscience, 2006, 1, 5-17.	3.0	190
139	Late recurrences of Sydenham's chorea are not associated with anti-basal ganglia antibodies. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1478-1479.	1.9	24
140	Atypical herpes type 2 encephalitis associated with normal MRI imaging. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 974-976.	1.9	26
141	Evaluation of the accuracy of seizure descriptions by the relatives of patients with epilepsy. Epilepsy Research, 2001, 43, 193-199.	1.6	110
142	Endocrine Diseases and Metabolic Disorders. , 0, , 617-688.		5