

Elie Matar

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,605
citations

394421

19
h-index

315739

38
g-index

53
all docs

53
docs citations

53
times ranked

1908
citing authors

#	ARTICLE	IF	CITATIONS
1	Freezing of gait in Parkinson's disease is associated with functional decoupling between the cognitive control network and the basal ganglia. <i>Brain</i> , 2013, 136, 3671-3681.	7.6	222
2	Exploring the cortical and subcortical functional magnetic resonance imaging changes associated with freezing in Parkinson's disease. <i>Brain</i> , 2013, 136, 1204-1215.	7.6	195
3	The functional network signature of heterogeneity in freezing of gait. <i>Brain</i> , 2018, 141, 1145-1160.	7.6	116
4	The role of dysfunctional attentional control networks in visual misperceptions in Parkinson's disease. <i>Human Brain Mapping</i> , 2014, 35, 2206-2219.	3.6	111
5	Differential Neural Activation Patterns in Patients with Parkinson's Disease and Freezing of Gait in Response to Concurrent Cognitive and Motor Load. <i>PLoS ONE</i> , 2013, 8, e52602.	2.5	98
6	LRRK2-mediated Rab10 phosphorylation in immune cells from Parkinson's disease patients. <i>Movement Disorders</i> , 2019, 34, 406-415.	3.9	83
7	The role of frontostriatal impairment in freezing of gait in Parkinson's disease. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 61.	2.5	77
8	Dynamical Reconnection and Stability Constraints on Cortical Network Architecture. <i>Physical Review Letters</i> , 2009, 103, 108104.	7.8	55
9	Modeling freezing of gait in Parkinson's disease with a virtual reality paradigm. <i>Gait and Posture</i> , 2013, 38, 104-108.	1.4	55
10	Cognitive fluctuations in Lewy body dementia: towards a pathophysiological framework. <i>Brain</i> , 2020, 143, 31-46.	7.6	53
11	Using virtual reality to explore the role of conflict resolution and environmental salience in Freezing of Gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 937-942.	2.2	52
12	Dopamine depletion alters macroscopic network dynamics in Parkinson's disease. <i>Brain</i> , 2019, 142, 1024-1034.	7.6	50
13	Scaffolding medical student knowledge and skills: team-based learning (TBL) and case-based learning (CBL). <i>BMC Medical Education</i> , 2021, 21, 238.	2.4	39
14	Identifying the neural correlates of doorway freezing in Parkinson's disease. <i>Human Brain Mapping</i> , 2019, 40, 2055-2064.	3.6	37
15	Subtle gait and balance impairments occur in idiopathic rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2019, 34, 1374-1380.	3.9	36
16	Variability of Stepping during a Virtual Reality Paradigm in Parkinson's Disease Patients with and without Freezing of Gait. <i>PLoS ONE</i> , 2013, 8, e66718.	2.5	32
17	A Prodromal Brain-Clinical Pattern of Cognition in Synucleinopathies. <i>Annals of Neurology</i> , 2021, 89, 341-357.	5.3	28
18	Complicated silicosis resulting from occupational exposure to engineered stone products. <i>Medical Journal of Australia</i> , 2017, 206, 385-386.	1.7	21

#	ARTICLE	IF	CITATIONS
19	Current Concepts and Controversies in the Management of REM Sleep Behavior Disorder. <i>Neurotherapeutics</i> , 2021, 18, 107-123.	4.4	21
20	Virtual reality walking and dopamine: Opening new doorways to understanding freezing of gait in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2014, 344, 182-185.	0.6	20
21	Assessing the role of nocturnal core body temperature dysregulation as a biomarker of neurodegeneration. <i>Journal of Sleep Research</i> , 2020, 29, e12939.	3.2	19
22	A longitudinal faculty development program: supporting a culture of teaching. <i>BMC Medical Education</i> , 2019, 19, 400.	2.4	17
23	Clinical features of Lewy body dementia: insights into diagnosis and pathophysiology. <i>Journal of Neurology</i> , 2020, 267, 380-389.	3.6	17
24	The ascending arousal system promotes optimal performance through mesoscale network integration in a visuospatial attentional task. <i>Network Neuroscience</i> , 2021, 5, 890-910.	2.6	15
25	Brain atrophy in prodromal synucleinopathy is shaped by structural connectivity and gene expression. <i>Brain</i> , 2022, 145, 3162-3178.	7.6	13
26	The Neural Signature of Impaired <sc>Dualâ€¢Tasking</sc> in Idiopathic Rapid Eye Movement Sleep Behavior Disorder Patients. <i>Movement Disorders</i> , 2020, 35, 1596-1606.	3.9	12
27	Impaired Color Discriminationâ€¢A Specific Marker of Hallucinations in Lewy Body Disorders. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2019, 32, 257-264.	2.3	11
28	Progression of Clinical Features in Lewy Body Dementia Can Be Detected Over 6 Months. <i>Neurology</i> , 2021, 97, e1031-e1040.	1.1	11
29	Acute Hemichoreaâ€¢Hemiballismus Following <sc>COVID</sc>â€¢19 (<sc>AZD1222</sc>) Vaccination. <i>Movement Disorders</i> , 2021, 36, 2714-2715.	3.9	11
30	Interprofessional Team-based Learning: Building Social Capital. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052094182.	1.5	10
31	Prevalence and predictors of mood disturbances in idiopathic REM sleep behaviour disorder. <i>Journal of Sleep Research</i> , 2021, 30, e13040.	3.2	10
32	Limbic hypoconnectivity in idiopathic REM sleep behaviour disorder with impulse control disorders. <i>Journal of Neurology</i> , 2021, 268, 3371-3380.	3.6	9
33	REM sleep behaviour disorder: not just a bad dream. <i>Medical Journal of Australia</i> , 2017, 207, 262-268.	1.7	7
34	Evaluating the Sustained Attention Response Task to Quantify Cognitive Fluctuations in Dementia With Lewy Bodies. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2020, 33, 333-339.	2.3	7
35	Treating hallucinations in Parkinsonâ€¢s disease. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 455-468.	2.8	7
36	Post-contrast enhancement as a clinical indicator of prognosis in patients with anaplastic astrocytoma. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 993-996.	1.5	6

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37	Dynamic network impairments underlie cognitive fluctuations in Lewy body dementia. <i>Npj Parkinson's Disease</i> , 2022, 8, 16.	5.3	4
38	Shaken not stirred: A pilot study testing a gyroscopic spoon stabilization device in Parkinson's disease and tremor. <i>Annals of Indian Academy of Neurology</i> , 2020, 23, 409.	0.5	3
39	Limbic thalamus atrophy is associated with visual hallucinations in Lewy body disorders. <i>Neurobiology of Aging</i> , 2022, 112, 122-128.	3.1	3
40	Narrow doorways alter brain connectivity and step patterns in isolated REM sleep behaviour disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102958.	2.7	3
41	025â€¦The neural correlates of doorway freezing in parkinsonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A10.3-A11.	1.9	2
42	Evaluating a novel behavioral paradigm for visual hallucinations in Dementia with Lewy bodies. <i>Aging Brain</i> , 2021, 1, 100011.	1.3	2
43	Clinical Teacher Training for health professionals: From blended to online and (maybe) back again?. <i>Clinical Teacher</i> , 2021, 18, 630-640.	0.8	2
44	An adaptive measure of visuospatial impairment in Dementia with Lewy Bodies. <i>Movement Disorders Clinical Practice</i> , 0, , .	1.5	2
45	Intrinsic synergistic-topological mechanism versus synergistic-topological matrix in microtubule self-organization. <i>EPJ Nonlinear Biomedical Physics</i> , 2014, 2, .	0.8	0
46	110â€¦Atrophy of the mediodorsal thalamus is associated with visual hallucinations in lewy body diseases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A43.3-A44.	1.9	0
47	1127 Utility of Quantitative EEG During Sleep as a Potential Biomarker of Lewy Body Disease Progression. <i>Sleep</i> , 2020, 43, A429-A429.	1.1	0
48	Invited Reply to: â€œInstrumental Analysis of Gait Abnormalities in Idiopathic Rapid Eye Movement Sleep Behavior Disorderâ€• <i>Movement Disorders</i> , 2020, 35, 195-196.	3.9	0
49	â€œOn the noseâ€™â€“ Could olfactory testing be a reliable bedside marker of prodromal DLB?. <i>International Psychogeriatrics</i> , 2022, , 1-10.	1.0	0