

List of Publications by Citations

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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.

105 papers	6,302 citations	36 h-index	79 g-index
122 ext. papers	8,002 ext. citations	5.5 avg, IF	5.42 L-index

#	Paper	IF	Citations
105	Ocrelizumab versus Interferon Beta-1a in Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 221-234	59.2	858
104	Chronic stress causes frontostriatal reorganization and affects decision-making. <i>Science</i> , 2009 , 325, 621-633	33.3	610
103	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
102	The prefrontal cortex as a key target of the maladaptive response to stress. <i>Journal of Neuroscience</i> , 2007 , 27, 2781-7	6.6	433
101	Siponimod versus placebo in secondary progressive multiple sclerosis (EXPAND): a double-blind, randomised, phase 3 study. <i>Lancet, The</i> , 2018 , 391, 1263-1273	40	422
100	The mood-improving actions of antidepressants do not depend on neurogenesis but are associated with neuronal remodeling. <i>Molecular Psychiatry</i> , 2009 , 14, 764-73, 739	15.1	407
99	Morphological correlates of corticosteroid-induced changes in prefrontal cortex-dependent behaviors. <i>Journal of Neuroscience</i> , 2005 , 25, 7792-800	6.6	225
98	A trans-dimensional approach to the behavioral aspects of depression. <i>Frontiers in Behavioral Neuroscience</i> , 2009 , 3, 1	3.5	169
97	Specific configuration of dendritic degeneration in pyramidal neurons of the medial prefrontal cortex induced by differing corticosteroid regimens. <i>Cerebral Cortex</i> , 2007 , 17, 1998-2006	5.1	137
96	The stressed prefrontal cortex. Left? Right!. <i>Brain, Behavior, and Immunity</i> , 2008 , 22, 630-8	16.6	132
95	Dissociation of the morphological correlates of stress-induced anxiety and fear. <i>European Journal of Neuroscience</i> , 2008 , 27, 1503-16	3.5	112
94	Corticosteroid receptors and neuroplasticity. <i>Brain Research Reviews</i> , 2008 , 57, 561-70		111
93	Stress-induced changes in human decision-making are reversible. <i>Translational Psychiatry</i> , 2012 , 2, e131	8.6	108
92	The impact of chronic stress on the rat brain lipidome. <i>Molecular Psychiatry</i> , 2016 , 21, 80-8	15.1	105
91	The impact of age on emotional and cognitive behaviours triggered by experimental neuropathy in rats. <i>Pain</i> , 2009 , 144, 57-65	8	98
90	An efficient chronic unpredictable stress protocol to induce stress-related responses in C57BL/6 mice. <i>Frontiers in Psychiatry</i> , 2015 , 6, 6	5	92
89	Corticosteroid status influences the volume of the rat cingulate cortex - a magnetic resonance imaging study. <i>Journal of Psychiatric Research</i> , 2005 , 39, 451-60	5.2	89

88	Stress and glucocorticoid footprints in the brain-the path from depression to Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 1161-73	9	76
87	Stress Impact on Resting State Brain Networks. <i>PLoS ONE</i> , 2013 , 8, e66500	3.7	74
86	Stressed brain, diseased heart: a review on the pathophysiologic mechanisms of neurocardiology. <i>International Journal of Cardiology</i> , 2013 , 166, 30-7	3.2	69
85	Astrocyte pathology in the prefrontal cortex impairs the cognitive function of rats. <i>Molecular Psychiatry</i> , 2014 , 19, 834-41	15.1	68
84	Time matters in multiple sclerosis: can early treatment and long-term follow-up ensure everyone benefits from the latest advances in multiple sclerosis?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 844-850	5.5	62
83	Differential effects of left/right neuropathy on ratsTanxiety and cognitive behavior. <i>Pain</i> , 2012 , 153, 2218-2225	8	59
82	Induction of a hyperanxious state by antenatal dexamethasone: a case for less detrimental natural corticosteroids. <i>Biological Psychiatry</i> , 2006 , 59, 844-52	7.9	57
81	Lipocalin 2 is present in the EAE brain and is modulated by natalizumab. <i>Frontiers in Cellular Neuroscience</i> , 2012 , 6, 33	6.1	56
80	Differential impact of chronic stress along the hippocampal dorsal-ventral axis. <i>Brain Structure and Function</i> , 2015 , 220, 1205-12	4	54
79	Transthyretin influences spatial reference memory. <i>Neurobiology of Learning and Memory</i> , 2007 , 88, 381-391	5.1	48
78	Absence of IFN γ promotes hippocampal plasticity and enhances cognitive performance. <i>Translational Psychiatry</i> , 2016 , 6, e707	8.6	44
77	Hippocampal neurogenesis induced by antidepressant drugs: an epiphenomenon in their mood-improving actions. <i>Molecular Psychiatry</i> , 2009 , 14, 739-739	15.1	44
76	Mood is a key determinant of cognitive performance in community-dwelling older adults: a cross-sectional analysis. <i>Age</i> , 2013 , 35, 1983-93		42
75	Stress affects theta activity in limbic networks and impairs novelty-induced exploration and familiarization. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 127	3.5	42
74	Clinical, physical and lifestyle variables and relationship with cognition and mood in aging: a cross-sectional analysis of distinct educational groups. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 21	5.3	39
73	The impact of stress in decision making in the context of uncertainty. <i>Journal of Neuroscience Research</i> , 2015 , 93, 839-47	4.4	38
72	The dynamics of stress: a longitudinal MRI study of rat brain structure and connectome. <i>Molecular Psychiatry</i> , 2018 , 23, 1998-2006	15.1	38
71	S100B as a Potential Biomarker and Therapeutic Target in Multiple Sclerosis. <i>Molecular Neurobiology</i> , 2016 , 53, 3976-3991	6.2	37

70	Depression in medical students: insights from a longitudinal study. <i>BMC Medical Education</i> , 2017 , 17, 184	3.3	37
69	Stress shifts the response of the bed nucleus of the stria terminalis to an anxiogenic mode. <i>European Journal of Neuroscience</i> , 2012 , 36, 3396-406	3.5	36
68	Chronic unpredictable stress inhibits nociception in male rats. <i>Neuroscience Letters</i> , 2004 , 359, 73-6	3.3	36
67	Chronic stress disrupts neural coherence between cortico-limbic structures. <i>Frontiers in Neural Circuits</i> , 2013 , 7, 10	3.5	32
66	Age-related qualitative shift in emotional behaviour: paradoxical findings after re-exposure of rats in the elevated-plus maze. <i>Behavioural Brain Research</i> , 2005 , 162, 135-42	3.4	32
65	Brain interference: Revisiting the role of IFN γ in the central nervous system. <i>Progress in Neurobiology</i> , 2017 , 156, 149-163	10.9	29
64	Perceived Stress in Obsessive-Compulsive Disorder is Related with Obsessive but Not Compulsive Symptoms. <i>Frontiers in Psychiatry</i> , 2013 , 4, 21	5	29
63	Patterns of Theta Activity in Limbic Anxiety Circuit Preceding Exploratory Behavior in Approach-Avoidance Conflict. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 171	3.5	29
62	Tau Mislocation in Glucocorticoid-Triggered Hippocampal Pathology. <i>Molecular Neurobiology</i> , 2016 , 53, 4745-53	6.2	26
61	Patterns of cognitive performance in healthy ageing in Northern Portugal: a cross-sectional analysis. <i>PLoS ONE</i> , 2011 , 6, e24553	3.7	25
60	The SIGMA rat brain templates and atlases for multimodal MRI data analysis and visualization. <i>Nature Communications</i> , 2019 , 10, 5699	17.4	25
59	Brain-machine interface of upper limb recovery in stroke patients rehabilitation: A systematic review. <i>Physiotherapy Research International</i> , 2019 , 24, e1764	1.8	24
58	Asymmetric c-fos expression in the ventral orbital cortex is associated with impaired reversal learning in a right-sided neuropathy. <i>Molecular Pain</i> , 2014 , 10, 41	3.4	22
57	Stress Transiently Affects Pavlovian-to-Instrumental Transfer. <i>Frontiers in Neuroscience</i> , 2012 , 6, 93	5.1	22
56	Plasticity of resting state brain networks in recovery from stress. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 919	3.3	22
55	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 119	3.5	17
54	Glucose intolerance after chronic stress is related with downregulated PPAR- γ in adipose tissue. <i>Cardiovascular Diabetology</i> , 2016 , 15, 114	8.7	17
53	Structural and molecular correlates of cognitive aging in the rat. <i>Scientific Reports</i> , 2019 , 9, 2005	4.9	16

52	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1744-52	1.2	16
51	Variable delay-to-signal: a fast paradigm for assessment of aspects of impulsivity in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 154	3.5	16
50	A Resting-State Functional MR Imaging and Spectroscopy Study of the Dorsal Hippocampus in the Chronic Unpredictable Stress Rat Model. <i>Journal of Neuroscience</i> , 2019 , 39, 3640-3650	6.6	15
49	Repeated Assessment and Practice Effects of the Written Symbol Digit Modalities Test Using a Short Inter-Test Interval. <i>Archives of Clinical Neuropsychology</i> , 2015 , 30, 424-34	2.7	15
48	Using endogenous saccades to characterize fatigue in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2017 , 14, 16-22	4	13
47	Stigmatizing Attitudes Toward Patients With Psychiatric Disorders Among Medical Students and Professionals. <i>Frontiers in Psychiatry</i> , 2020 , 11, 326	5	13
46	myBrain: a novel EEG embedded system for epilepsy monitoring. <i>Journal of Medical Engineering and Technology</i> , 2017 , 41, 564-585	1.8	12
45	Age effects on EEG correlates of the Wisconsin Card Sorting Test. <i>Physiological Reports</i> , 2015 , 3, e12390	2.6	12
44	Programming effects of antenatal corticosteroids exposure in male sexual behavior. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1965-74	1.1	12
43	Central autonomic nervous system response to autonomic challenges is altered in patients with a previous episode of Takotsubo cardiomyopathy. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016 , 5, 152-63	4.3	11
42	Gestational protein restriction induces CA3 dendritic atrophy in dorsal hippocampal neurons but does not alter learning and memory performance in adult offspring. <i>International Journal of Developmental Neuroscience</i> , 2013 , 31, 151-6	2.7	11
41	Simultaneous supratentorial and brainstem abscesses due to <i>Listeria monocytogenes</i> . <i>Journal of Neuroradiology</i> , 2008 , 35, 173-6	3.1	11
40	A whole genome association study in multiple sclerosis patients from north Portugal. <i>Journal of Neuroimmunology</i> , 2003 , 143, 116-9	3.5	11
39	Altered astrocytic function in experimental neuroinflammation and multiple sclerosis. <i>Glia</i> , 2021 , 69, 1341-1368	9	11
38	Mismatch between anxiety status and morphometric parameters in the amygdala and bed nucleus of the stria terminalis. <i>Behavioural Brain Research</i> , 2006 , 173, 320-5	3.4	10
37	Multiple sclerosis: Association of gelatinase B/matrix metalloproteinase-9 with risk and clinical course the disease. <i>Multiple Sclerosis and Related Disorders</i> , 2017 , 11, 71-76	4	9
36	Diagnostic Delay of Multiple Sclerosis in a Portuguese Population. <i>Acta Medica Portuguesa</i> , 2019 , 32, 289-294	1.4	9
35	MS Prevalence and Patients Characteristics in the District of Braga, Portugal. <i>Neurology Research International</i> , 2015 , 2015, 895163	1.7	8

34	A novel risk-based decision-making paradigm. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 45	3.5	8
33	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018 , 8, 17666	4.9	8
32	Koro Syndrome in an Obsessive-Compulsive Disorder Patient. <i>European Psychiatry</i> , 2016 , 33, S496-S496	6	7
31	Anxiety-like behavior and structural changes of the bed nucleus of the stria terminalis (BNST) in gestational protein-restricted male offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2018 , 9, 536-543	2.4	7
30	Cotard Syndrome without Depressive Symptoms in a Schizophrenic Patient. <i>Case Reports in Psychiatry</i> , 2015 , 2015, 643191	0.6	7
29	Localized scleroderma en coup de sabre in the Neurology Clinic. <i>Multiple Sclerosis and Related Disorders</i> , 2016 , 8, 96-8	4	6
28	Nano- and micro-based systems for immunotolerance induction in multiple sclerosis. <i>Human Vaccines and Immunotherapeutics</i> , 2016 , 12, 1886-90	4.4	6
27	Relationships between neuropsychological and antisaccade measures in multiple sclerosis patients. <i>PeerJ</i> , 2018 , 6, e5737	3.1	6
26	Physiotherapy based on problem-solving in upper limb function and neuroplasticity in chronic stroke patients: A case series. <i>Journal of Evaluation in Clinical Practice</i> , 2018 , 24, 552-560	2.5	5
25	Tadalafil-induced transient global amnesia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010 , 22, 352t.e28-352.e28	2.7	5
24	An Objective Structured Clinical Exam to Assess Semiology Skills of Medical Students. <i>Acta Medica Portuguesa</i> , 2016 , 29, 819-825	1.4	5
23	Markerless Gait Analysis Vision System for Real-time Gait Monitoring 2020 ,		4
22	Paroxysmal dystonia as a manifestation of multiple sclerosis. <i>Neurologist</i> , 2015 , 19, 132-4	1.6	4
21	TyPed study: Natalizumab for the treatment of pediatric-onset multiple sclerosis in Portugal. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 51, 102865	4	4
20	Enhanced cognitive performance in experimental autoimmune encephalomyelitis mice treated with dimethyl fumarate after the appearance of disease symptoms. <i>Journal of Neuroimmunology</i> , 2020 , 340, 577163	3.5	3
19	Is methylphenidate-induced chorea responsive to chlorpromazine?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010 , 22, 352n.e20-352.e20	2.7	3
18	Immune Thymic Profile of the MOG-Induced Experimental Autoimmune Encephalomyelitis Mouse Model. <i>Frontiers in Immunology</i> , 2018 , 9, 2335	8.4	3
17	The relevance of the brain in the diseased heart: authorsTresponse. <i>International Journal of Cardiology</i> , 2013 , 168, 5095	3.2	2

16	Fibromuscular dysplasia with dissecting basilar aneurysm: endovascular treatment. <i>Journal of Neuroradiology</i> , 2009 , 36, 244-5	3.1	2
15	Tracking cognitive impairment in multiple sclerosis using the Brain on Track test: a validation study. <i>Neurological Sciences</i> , 2020 , 41, 183-191	3.5	2
14	Multiple Sclerosis Patient Management During the COVID-19 Pandemic: Practical Recommendations From the Portuguese Multiple Sclerosis Study Group (GEEM). <i>Frontiers in Neurology</i> , 2021 , 12, 613769	4.1	2
13	REALMS study: real-world effectiveness and safety of fingolimod in patients with relapsing-remitting multiple sclerosis in Portugal. <i>Neurological Sciences</i> , 2021 , 42, 1995-2003	3.5	2
12	Epileptic event detection algorithm for ambulatory monitoring platforms 2014 ,		1
11	Cortical linear lesions in Wernicke's encephalopathy: can diffusion-weighted imaging herald prognostic information?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010 , 22, 123.E24-5	2.7	1
10	Detection of the glucocorticoid receptors in brain protein extracts by SDS-PAGE. <i>Methods in Molecular Biology</i> , 2014 , 1204, 233-42	1.4	1
9	Defining the prodromal phase of multiple sclerosis based on healthcare access in a Portuguese population - ProdMS study. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 55, 103154	4	1
8	Minho Communication Assessment Scale: Development and Validation. <i>Acta Medica Portuguesa</i> , 2020 , 33, 326-334	1.4	0
7	Lipocalin-2 does not influence EAE clinical score but it increases inflammation in central nervous system.. <i>Journal of Neuroimmunology</i> , 2022 , 368, 577872	3.5	0
6	Fifteen Years of Experience from a Medical School Clinical Skills Laboratory. <i>Acta Medica Portuguesa</i> , 2017 , 30, 85-92	1.4	
5	Long-term remission of central nervous system vasculitis after treatment of Hodgkin's lymphoma with chemotherapy plus rituximab. <i>Neurology and Clinical Neuroscience</i> , 2018 , 6, 26-28	0.3	
4	Executive Function in Striatal Disorders 2017 , 301-317		
3	Alcohol abuse and acute behavioural disturbances in a 24-year-old patient. <i>Journal of Clinical Neuroscience</i> , 2009 , 16, 859	2.2	
2	A structured remediation program for communication skills. <i>International Journal of Medical Education</i> , 2019 , 10, 161-162	1.6	
1	Consensus Recommendations of the Multiple Sclerosis Study Group and Portuguese Neuroradiological Society for the Use of the Magnetic Resonance Imaging in Multiple Sclerosis in Clinical Practice: Part 1. <i>Acta Medica Portuguesa</i> , 2018 , 31, 281-289	1.4	