

# Nuno Sousa

## List of Publications by Citations

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490  
papers

21,103  
citations

74  
h-index

126  
g-index

570  
ext. papers

25,510  
ext. citations

5.5  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
490	The Multimodal Brain Tumor Image Segmentation Benchmark (BRATS). <i>IEEE Transactions on Medical Imaging</i> , <b>2015</b> , 34, 1993-2024	11.7	2132
489	Chronic stress causes frontostriatal reorganization and affects decision-making. <i>Science</i> , <b>2009</b> , 325, 621-533	33.3	610
488	Reorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvement. <i>Neuroscience</i> , <b>2000</b> , 97, 253-66	3.9	589
487	From basics to clinical: a comprehensive review on spinal cord injury. <i>Progress in Neurobiology</i> , <b>2014</b> , 114, 25-57	10.9	459
486	The prefrontal cortex as a key target of the maladaptive response to stress. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 2781-7	6.6	433
485	The mood-improving actions of antidepressants do not depend on neurogenesis but are associated with neuronal remodeling. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 764-73, 739	15.1	407
484	A hitchhiker's guide to diffusion tensor imaging. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 31	5.1	404
483	Adipose tissue derived stem cells secretome: soluble factors and their roles in regenerative medicine. <i>Current Stem Cell Research and Therapy</i> , <b>2010</b> , 5, 103-10	3.6	402
482	Neuropathology of stress. <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 109-35	14.3	263
481	Morphological correlates of corticosteroid-induced changes in prefrontal cortex-dependent behaviors. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 7792-800	6.6	225
480	Mesenchymal stem cells secretome: a new paradigm for central nervous system regeneration?. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 3871-82	10.3	217
479	A hitchhiker's guide to behavioral analysis in laboratory rodents. <i>Genes, Brain and Behavior</i> , <b>2006</b> , 5 Suppl 2, 5-24	3.6	204
478	Blood-brain-barriers in aging and in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2013</b> , 8, 38	19	191
477	Stress acts cumulatively to precipitate Alzheimer's disease-like tau pathology and cognitive deficits. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 7840-7	6.6	179
476	Direct targeting of hippocampal neurons for apoptosis by glucocorticoids is reversible by mineralocorticoid receptor activation. <i>Molecular Psychiatry</i> , <b>2005</b> , 10, 790-8	15.1	174
475	A trans-dimensional approach to the behavioral aspects of depression. <i>Frontiers in Behavioral Neuroscience</i> , <b>2009</b> , 3, 1	3.5	169
474	Dendrimers and derivatives as a potential therapeutic tool in regenerative medicine strategies: a review. <i>Progress in Polymer Science</i> , <b>2010</b> , 35, 1163-1194	29.6	156

473	Specific configuration of dendritic degeneration in pyramidal neurons of the medial prefrontal cortex induced by differing corticosteroid regimens. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 1998-2006	5.1	137
472	The amyloidogenic potential and behavioral correlates of stress. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 95-105	15.1	135
471	Neuropathic pain is associated with depressive behaviour and induces neuroplasticity in the amygdala of the rat. <i>Experimental Neurology</i> , <b>2008</b> , 213, 48-56	5.7	134
470	Lithium blocks stress-induced changes in depressive-like behavior and hippocampal cell fate: the role of glycogen-synthase-kinase-3beta. <i>Neuroscience</i> , <b>2008</b> , 152, 656-69	3.9	133
469	The stressed prefrontal cortex. Left? Right!. <i>Brain, Behavior, and Immunity</i> , <b>2008</b> , 22, 630-8	16.6	132
468	Chronic Stress and Glucocorticoids: From Neuronal Plasticity to Neurodegeneration. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 6391686	3.3	130
467	Unveiling the Differences of Secretome of Human Bone Marrow Mesenchymal Stem Cells, Adipose Tissue-Derived Stem Cells, and Human Umbilical Cord Perivascular Cells: A Proteomic Analysis. <i>Stem Cells and Development</i> , <b>2016</b> , 25, 1073-83	4.4	118
466	Age and sex do not affect the volume, cell numbers, or cell size of the suprachiasmatic nucleus of the rat: an unbiased stereological study. <i>Journal of Comparative Neurology</i> , <b>1995</b> , 361, 585-601	3.4	116
465	Chitosan tubes of varying degrees of acetylation for bridging peripheral nerve defects. <i>Biomaterials</i> , <b>2013</b> , 34, 9886-904	15.6	113
464	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. <i>Biomaterials</i> , <b>2012</b> , 33, 6345-54	15.6	112
463	Effects of corticosterone treatment and rehabilitation on the hippocampal formation of neonatal and adult rats. An unbiased stereological study. <i>Brain Research</i> , <b>1998</b> , 794, 199-210	3.7	112
462	Dissociation of the morphological correlates of stress-induced anxiety and fear. <i>European Journal of Neuroscience</i> , <b>2008</b> , 27, 1503-16	3.5	112
461	Selective vulnerability of the hippocampal pyramidal neurons to hypothyroidism in male and female rats. <i>Journal of Comparative Neurology</i> , <b>1992</b> , 322, 501-18	3.4	112
460	Behavioral characterization of the 6-hydroxidopamine model of Parkinson's disease and pharmacological rescuing of non-motor deficits. <i>Molecular Neurodegeneration</i> , <b>2013</b> , 8, 14	19	111
459	Disconnection and reconnection: the morphological basis of (mal)adaptation to stress. <i>Trends in Neurosciences</i> , <b>2012</b> , 35, 742-51	13.3	111
458	Corticosteroid receptors and neuroplasticity. <i>Brain Research Reviews</i> , <b>2008</b> , 57, 561-70		111
457	Atypical, non-standard functions of the microtubule associated Tau protein. <i>Acta Neuropathologica Communications</i> , <b>2017</b> , 5, 91	7.3	110
456	Cognitive performance in healthy older adults relates to spontaneous switching between states of functional connectivity during rest. <i>Scientific Reports</i> , <b>2017</b> , 7, 5135	4.9	110

455	Stress-induced changes in human decision-making are reversible. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e131	8.6	108
454	The impact of chronic stress on the rat brain lipidome. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 80-8	15.1	105
453	Do stars govern our actions? Astrocyte involvement in rodent behavior. <i>Trends in Neurosciences</i> , <b>2015</b> , 38, 535-49	13.3	105
452	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. <i>Stem Cells International</i> , <b>2015</b> , 2015, 948040	5	103
451	Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 634-646	6.9	102
450	Neuroferritinopathy: missense mutation in FTL causing early-onset bilateral pallidal involvement. <i>Neurology</i> , <b>2005</b> , 65, 603-5	6.5	101
449	IL-10 modulates depressive-like behavior. <i>Journal of Psychiatric Research</i> , <b>2008</b> , 43, 89-97	5.2	99
448	Activation of D2 dopamine receptor-expressing neurons in the nucleus accumbens increases motivation. <i>Nature Communications</i> , <b>2016</b> , 7, 11829	17.4	98
447	The impact of age on emotional and cognitive behaviours triggered by experimental neuropathy in rats. <i>Pain</i> , <b>2009</b> , 144, 57-65	8	98
446	Arterial stiffness and influences of the metabolic syndrome: a cross-countries study. <i>Atherosclerosis</i> , <b>2014</b> , 233, 654-660	3.1	97
445	Transthyretin is involved in depression-like behaviour and exploratory activity. <i>Journal of Neurochemistry</i> , <b>2004</b> , 88, 1052-8	6	97
444	Development and characterization of a novel hybrid tissue engineering-based scaffold for spinal cord injury repair. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 45-54	3.9	96
443	Maintenance of hippocampal cell numbers in young and aged rats submitted to chronic unpredictable stress. Comparison with the effects of corticosterone treatment. <i>Stress</i> , <b>1998</b> , 2, 237-49	3	95
442	Sustained remission from depressive-like behavior depends on hippocampal neurogenesis. <i>Translational Psychiatry</i> , <b>2013</b> , 3, e210	8.6	93
441	An efficient chronic unpredictable stress protocol to induce stress-related responses in C57BL/6 mice. <i>Frontiers in Psychiatry</i> , <b>2015</b> , 6, 6	5	92
440	Chronic alcohol consumption and withdrawal do not induce cell death in the suprachiasmatic nucleus, but lead to irreversible depression of peptide immunoreactivity and mRNA levels. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 1302-19	6.6	92
439	Corticosteroids: sculptors of the hippocampal formation. <i>Reviews in the Neurosciences</i> , <b>2002</b> , 13, 59-84	4.7	92
438	Corticosteroid status influences the volume of the rat cingulate cortex - a magnetic resonance imaging study. <i>Journal of Psychiatric Research</i> , <b>2005</b> , 39, 451-60	5.2	89

437	Ligand and subfield specificity of corticoid-induced neuronal loss in the rat hippocampal formation. <i>Neuroscience</i> , <b>1999</b> , 89, 1079-87	3.9	89
436	Insights on the pathophysiology of Alzheimer's disease: The crosstalk between amyloid pathology, neuroinflammation and the peripheral immune system. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 68, 547-562	9	88
435	The secretome of stem cells isolated from the adipose tissue and Wharton jelly acts differently on central nervous system derived cell populations. <i>Stem Cell Research and Therapy</i> , <b>2012</b> , 3, 18	8.3	88
434	Rodent models of Parkinson's disease: beyond the motor symptomatology. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 175	3.5	88
433	Stress-induced anhedonia is associated with hypertrophy of medium spiny neurons of the nucleus accumbens. <i>Translational Psychiatry</i> , <b>2013</b> , 3, e266	8.6	86
432	Angiogenic potential of gellan-gum-based hydrogels for application in nucleus pulposus regeneration: in vivo study. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1203-12	3.9	85
431	From the periphery to the brain: Lipocalin-2, a friend or foe?. <i>Progress in Neurobiology</i> , <b>2015</b> , 131, 120-36	10.9	83
430	Tau protein is essential for stress-induced brain pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E3755-63	11.5	83
429	Functional Roles of Astrocyte Calcium Elevations: From Synapses to Behavior. <i>Frontiers in Cellular Neuroscience</i> , <b>2017</b> , 11, 427	6.1	82
428	Kinetic profile of the transcriptome changes induced in the choroid plexus by peripheral inflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2009</b> , 29, 921-32	7.3	82
427	Mesenchymal stem cells in the umbilical cord: phenotypic characterization, secretome and applications in central nervous system regenerative medicine. <i>Current Stem Cell Research and Therapy</i> , <b>2011</b> , 6, 221-8	3.6	80
426	Telephone-based screening tools for mild cognitive impairment and dementia in aging studies: a review of validated instruments. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 16	5.3	78
425	Secretome of mesenchymal progenitors from the umbilical cord acts as modulator of neural/glial proliferation and differentiation. <i>Stem Cell Reviews and Reports</i> , <b>2015</b> , 11, 288-97	6.4	77
424	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 515	5.1	77
423	Methylation at the CpG island shore region upregulates Nr3c1 promoter activity after early-life stress. <i>Epigenetics</i> , <b>2015</b> , 10, 247-57	5.7	76
422	Microglia response and in vivo therapeutic potential of methylprednisolone-loaded dendrimer nanoparticles in spinal cord injury. <i>Small</i> , <b>2013</b> , 9, 738-49	11	76
421	Transcriptome signature of the adult mouse choroid plexus. <i>Fluids and Barriers of the CNS</i> , <b>2011</b> , 8, 10	7	76
420	Stress and glucocorticoid footprints in the brain-the path from depression to Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2008</b> , 32, 1161-73	9	76

419	Maternal hormonal milieu influence on fetal brain development. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00920	3.4	75
418	The Use of Multiple Correspondence Analysis to Explore Associations between Categories of Qualitative Variables in Healthy Ageing. <i>Journal of Aging Research</i> , <b>2013</b> , 2013, 302163	2.3	75
417	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. <i>Scientific Reports</i> , <b>2016</b> , 6, 27791	4.9	74
416	Development of gellan gum-based microparticles/hydrogel matrices for application in the intervertebral disc regeneration. <i>Tissue Engineering - Part C: Methods</i> , <b>2011</b> , 17, 961-72	2.9	74
415	Stress Impact on Resting State Brain Networks. <i>PLoS ONE</i> , <b>2013</b> , 8, e66500	3.7	74
414	Mesenchymal stem cells secretome as a modulator of the neurogenic niche: basic insights and therapeutic opportunities. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 249	6.1	73
413	The path from the choroid plexus to the subventricular zone: go with the flow!. <i>Frontiers in Cellular Neuroscience</i> , <b>2012</b> , 6, 34	6.1	72
412	Criticality between Cortical States. <i>Physical Review Letters</i> , <b>2019</b> , 122, 208101	7.4	71
411	How age, sex and genotype shape the stress response. <i>Neurobiology of Stress</i> , <b>2017</b> , 6, 44-56	7.6	71
410	Evidence for abnormal early development in a mouse model of Rett syndrome. <i>Genes, Brain and Behavior</i> , <b>2007</b> , 6, 277-86	3.6	71
409	Reverse shoulder arthroplasty for irreparable massive rotator cuff tears: a systematic review with meta-analysis and meta-regression. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2017</b> , 26, e265-e277	4.3	70
408	Stressed brain, diseased heart: a review on the pathophysiologic mechanisms of neurocardiology. <i>International Journal of Cardiology</i> , <b>2013</b> , 166, 30-7	3.2	69
407	Tissue engineering and regenerative medicine: past, present, and future. <i>International Review of Neurobiology</i> , <b>2013</b> , 108, 1-33	4.4	69
406	Lipocalin 2 is a choroid plexus acute-phase protein. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2008</b> , 28, 450-5	7.3	69
405	Ionotropic and metabotropic glutamate receptor mediation of glucocorticoid-induced apoptosis in hippocampal cells and the neuroprotective role of synaptic N-methyl-D-aspartate receptors. <i>Neuroscience</i> , <b>2003</b> , 121, 123-31	3.9	69
404	Astrocyte pathology in the prefrontal cortex impairs the cognitive function of rats. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 834-41	15.1	68
403	Potential programming of dopaminergic circuits by early life stress. <i>Psychopharmacology</i> , <b>2011</b> , 214, 107-20	4.7	68
402	Depletion of the neural precursor cell pool by glucocorticoids. <i>Annals of Neurology</i> , <b>2010</b> , 67, 21-30	9.4	68

401	Reappraising striatal D1- and D2-neurons in reward and aversion. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 68, 370-386	9	67
400	TET enzymes and DNA hydroxymethylation in neural development and function - how critical are they?. <i>Genomics</i> , <b>2014</b> , 104, 334-40	4.3	66
399	Serotonin 2C receptor antagonists induce fast-onset antidepressant effects. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 1106-14	15.1	66
398	The dynamics of the stress neuromatrix. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 302-12	15.1	65
397	Proinflammatory and anti-inflammatory cytokines in the CSF of patients with Alzheimer's disease and their correlation with cognitive decline. <i>Neurobiology of Aging</i> , <b>2019</b> , 76, 125-132	5.6	64
396	Pulse wave velocity distribution in a cohort study: from arterial stiffness to early vascular aging. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1438-45	1.9	62
395	SMAD pathway mediation of BDNF and TGF beta 2 regulation of proliferation and differentiation of hippocampal granule neurons. <i>Development (Cambridge)</i> , <b>2005</b> , 132, 3231-42	6.6	62
394	The Big Five default brain: functional evidence. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 1913-22	4	61
393	Neurodevelopment milestone abnormalities in rats exposed to stress in early life. <i>Neuroscience</i> , <b>2007</b> , 147, 1022-33	3.9	61
392	Differential effects of left/right neuropathy on rats' anxiety and cognitive behavior. <i>Pain</i> , <b>2012</b> , 153, 2218-2225	8	59
391	Altered iron metabolism is part of the choroid plexus response to peripheral inflammation. <i>Endocrinology</i> , <b>2009</b> , 150, 2822-8	4.8	58
390	Induction of a hyperanxious state by antenatal dexamethasone: a case for less detrimental natural corticosteroids. <i>Biological Psychiatry</i> , <b>2006</b> , 59, 844-52	7.9	57
389	Lipocalin 2 is present in the EAE brain and is modulated by natalizumab. <i>Frontiers in Cellular Neuroscience</i> , <b>2012</b> , 6, 33	6.1	56
388	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinson's disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 9882	4.9	55
387	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 1411-1427	12.7	55
386	Old and new challenges in Parkinson's disease therapeutics. <i>Progress in Neurobiology</i> , <b>2017</b> , 156, 69-89	10.9	54
385	Differential impact of chronic stress along the hippocampal dorsal-ventral axis. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 1205-12	4	54
384	The functional connectome of cognitive reserve. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 3310-22	5.9	54

383	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. <i>Biomaterials</i> , <b>2016</b> , 105, 38-51	15.6	53
382	Interleukin-10: a key cytokine in depression?. <i>Cardiovascular Psychiatry and Neurology</i> , <b>2009</b> , 2009, 187894		52
381	Effects of chronic alcohol consumption and of dehydration on the supraoptic nucleus of adult male and female rats. <i>Neuroscience</i> , <b>1993</b> , 56, 657-72	3.9	52
380	Adenosine A receptor regulation of microglia morphological remodeling-gender bias in physiology and in a model of chronic anxiety. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 1035-1043	15.1	51
379	The choroid plexus response to a repeated peripheral inflammatory stimulus. <i>BMC Neuroscience</i> , <b>2009</b> , 10, 135	3.2	50
378	Sexual dimorphism in the mossy fiber synapses of the rat hippocampus. <i>Experimental Brain Research</i> , <b>1991</b> , 87, 537-45	2.3	50
377	The behavioral and immunological impact of maternal separation: a matter of timing. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 192	3.5	48
376	The secretome of bone marrow mesenchymal stem cells-conditioned media varies with time and drives a distinct effect on mature neurons and glial cells (primary cultures). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2011</b> , 5, 668-72	4.4	48
375	Transthyretin influences spatial reference memory. <i>Neurobiology of Learning and Memory</i> , <b>2007</b> , 88, 381-51	3.1	48
374	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 133	8.3	47
373	Modulation of bone marrow mesenchymal stem cell secretome by ECM-like hydrogels. <i>Biochimie</i> , <b>2013</b> , 95, 2314-9	4.6	46
372	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated With Chronic Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 179-188	6.8	46
371	Stress and the neuroendocrinology of anxiety disorders. <i>Current Topics in Behavioral Neurosciences</i> , <b>2010</b> , 2, 97-117	3.4	46
370	The effects of chronic stress on hippocampal adult neurogenesis and dendritic plasticity are reversed by selective MAO-A inhibition. <i>Journal of Psychopharmacology</i> , <b>2014</b> , 28, 1178-83	4.6	45
369	Adult hippocampal neuroplasticity triggers susceptibility to recurrent depression. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1058	8.6	44
368	Identification methods in newborn C57BL/6 mice: a developmental and behavioural evaluation. <i>Laboratory Animals</i> , <b>2010</b> , 44, 88-103	2.6	44
367	Hippocampal neurogenesis induced by antidepressant drugs: an epiphenomenon in their mood-improving actions. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 739-739	15.1	44
366	Heterozygous deletion of the Williams-Beuren syndrome critical interval in mice recapitulates most features of the human disorder. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6481-94	5.6	43



365	Mesenchymal stem cells secretome-induced axonal outgrowth is mediated by BDNF. <i>Scientific Reports</i> , <b>2017</b> , 7, 4153	4.9	43
364	Endolysosomal degradation of Tau and its role in glucocorticoid-driven hippocampal malfunction. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	43
363	Lipocalin 2 modulates the cellular response to amyloid beta. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 1588-99	12.7	42
362	Development and characterization of a PHB-HV-based 3D scaffold for a tissue engineering and cell-therapy combinatorial approach for spinal cord injury regeneration. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 1576-92	5.5	42
361	Astrocytic signaling supports hippocampal-prefrontal theta synchronization and cognitive function. <i>Glia</i> , <b>2017</b> , 65, 1944-1960	9	42
360	Mood is a key determinant of cognitive performance in community-dwelling older adults: a cross-sectional analysis. <i>Age</i> , <b>2013</b> , 35, 1983-93		42
359	Stress affects theta activity in limbic networks and impairs novelty-induced exploration and familiarization. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 127	3.5	42
358	Lipocalin-2 is involved in emotional behaviors and cognitive function. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 122	6.1	42
357	Mechanisms of initiation and reversal of drug-seeking behavior induced by prenatal exposure to glucocorticoids. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1295-305	15.1	41
356	Programming effects of antenatal dexamethasone in the developing mesolimbic pathways. <i>Synapse</i> , <b>2007</b> , 61, 40-9	2.4	41
355	The choroid plexus response to peripheral inflammatory stimulus. <i>Neuroscience</i> , <b>2007</b> , 144, 424-30	3.9	41
354	Protective Elements of Mental Health Status during the COVID-19 Outbreak in the Portuguese Population. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	41
353	The supraoptic nucleus of the adult rat hypothalamus displays marked sexual dimorphism which is dependent on body weight. <i>Neuroscience</i> , <b>1993</b> , 52, 497-513	3.9	40
352	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 1110-1118	15.1	39
351	The choroid plexus transcriptome reveals changes in type I and II interferon responses in a mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 49, 280-92	16.6	39
350	Mesenchymal Stem Cell Secretome Improves Tendon Cell Viability In Vitro and Tendon-Bone Healing In Vivo When a Tissue Engineering Strategy Is Used in a Rat Model of Chronic Massive Rotator Cuff Tear. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 449-459	6.8	39
349	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> , <b>2014</b> , 6, 21	5.3	39
348	The impact of stress in decision making in the context of uncertainty. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 839-47	4.4	38

347	In vitro evaluation of cell-seeded chitosan films for peripheral nerve tissue engineering. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 2339-49	3.9	38
346	The dynamics of stress: a longitudinal MRI study of rat brain structure and connectome. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 1998-2006	15.1	38
345	Depression in medical students: insights from a longitudinal study. <i>BMC Medical Education</i> , <b>2017</b> , 17, 184	3.3	37
344	Mild Prenatal Stress Causes Emotional and Brain Structural Modifications in Rats of Both Sexes. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 129	3.5	37
343	Employing an open-source tool to assess astrocyte tridimensional structure. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1989-1999	4	37
342	Excitotoxic lesions in the central nucleus of the amygdala attenuate stress-induced anxiety behavior. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 32	3.5	37
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