

Nuno Sousa

List of Publications by Year in Descending Order

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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.

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 thalamus and its subnuclei-a gateway to obsessive-compulsive disorder.. <i>Translational Psychiatry</i> , 2022 , 12, 70	8.6	0
489	Distinct role of nucleus accumbens D2-MSN projections to ventral pallidum in different phases of motivated behavior.. <i>Cell Reports</i> , 2022 , 38, 110380	10.6	1
488	Evaluation of the genetic risk for COVID-19 outcomes in COPD and differences among worldwide populations.. <i>PLoS ONE</i> , 2022 , 17, e0264009	3.7	1
487	Chronic Stress Does Not Influence the Survival of Mouse Models of Glioblastoma.. <i>Frontiers in Oncology</i> , 2022 , 12, 856210	5.3	
486	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
485	Suicidal Ideation Is Associated With Reduced Functional Connectivity and White Matter Integrity in Drug-Naïve Patients With Major Depression.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 838111	5	1
484	Differential patterns of association between resting-state functional connectivity networks and stress in OCD patients.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 110563	5.5	
483	An fMRI study of cognitive regulation of reward processing in generalized anxiety disorder (GAD). <i>Psychiatry Research - Neuroimaging</i> , 2022 , 111493	2.9	1
482	Reappraising the need for a control CT in mild head injury patients on anticoagulation. <i>European Journal of Trauma and Emergency Surgery</i> , 2021 , 47, 1461-1466	2.3	3
481	IP R2 null mice display a normal acquisition of somatic and neurological development milestones. <i>European Journal of Neuroscience</i> , 2021 , 54, 5673-5686	3.5	3
480	Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 729060	5.3	0
479	New Horizons for Phenotyping Behavior in Rodents: The Example of Depressive-Like Behavior.. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 811987	3.5	0
478	Cell Cycle Regulation of Hippocampal Progenitor Cells in Experimental Models of Depression and after Treatment with Fluoxetine. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
477	Performance assessment of 11 commercial serological tests for SARS-CoV-2 on hospitalised COVID-19 patients. <i>International Journal of Infectious Diseases</i> , 2021 , 104, 661-669	10.5	10
476	Fabry Disease and the Heart: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
475	Habitual coffee drinkers display a distinct pattern of brain functional connectivity. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
474	Assessing Impulsivity in Humans and Rodents: Taking the Translational Road. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 647922	3.5	2

473	Frontoparietal hyperconnectivity during cognitive regulation in obsessive-compulsive disorder followed by reward valuation inflexibility. <i>Journal of Psychiatric Research</i> , 2021 , 137, 657-666	5.2	3
472	Sorting Out Sorting Nexins Functions in the Nervous System in Health and Disease. <i>Molecular Neurobiology</i> , 2021 , 58, 4070-4106	6.2	0
471	Amygdala size varies with stress perception. <i>Neurobiology of Stress</i> , 2021 , 14, 100334	7.6	2
470	Reduced hippocampal ten-eleven translocation 3 (Tet3) protein expression in Tet3 conditional knockout mice. <i>Molecular Psychiatry</i> , 2021 , 26, 1425-1425	15.1	
469	A Wake-up Call for Burnout in Portuguese Physicians During the COVID-19 Outbreak: National Survey Study. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e24312	11.4	4
468	Where Dopaminergic and Cholinergic Systems Interact: A Gateway for Tuning Neurodegenerative Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 661973	3.5	4
467	Challenges and Perspectives on Biosensors for Highly Sensitive Quantification of Salivary Troponins: A Review. <i>IEEE Sensors Journal</i> , 2021 , 21, 13976-13984	4	5
466	Sex Hormone Depletion Augments Glucocorticoid Induction of Tau Hyperphosphorylation in Male Rat Brain. <i>Neuroscience</i> , 2021 , 454, 140-150	3.9	3
465	The Impact of Physical Enrichment in the Structure of the Medial Prefrontal Cortex and Nucleus Accumbens of the Adult Male Rat Brain. <i>Neuroscience</i> , 2021 , 454, 51-60	3.9	
464	Tet3 ablation in adult brain neurons increases anxiety-like behavior and regulates cognitive function in mice. <i>Molecular Psychiatry</i> , 2021 , 26, 1445-1457	15.1	12
463	Asymmetrical Brain Plasticity: Physiology and Pathology. <i>Neuroscience</i> , 2021 , 454, 3-14	3.9	12
462	Altered astrocytic function in experimental neuroinflammation and multiple sclerosis. <i>Glia</i> , 2021 , 69, 1341-1368	9	11
461	Nucleus Reuniens Lesion and Antidepressant Treatment Prevent Hippocampal Neurostructural Alterations Induced by Chronic Mild Stress in Male Rats. <i>Neuroscience</i> , 2021 , 454, 85-93	3.9	1
460	Astrocytic plasticity at the dorsal dentate gyrus on an animal model of recurrent depression. <i>Neuroscience</i> , 2021 , 454, 94-104	3.9	6
459	Chronic pain susceptibility is associated with anhedonic behavior and alterations in the accumbal ubiquitin-proteasome system. <i>Pain</i> , 2021 , 162, 1722-1731	8	1
458	Association of positive and negative life events with cognitive performance and psychological status in late life: A cross-sectional study in Northern Portugal. <i>Aging Brain</i> , 2021 , 1, 100020		1
457	Clinical studies in the elderly - Why and how should we care?. <i>Aging Brain</i> , 2021 , 1, 100001		0
456	Reorganization of brain structural networks in aging: A longitudinal study. <i>Journal of Neuroscience Research</i> , 2021 , 99, 1354-1376	4.4	2

455	Signatures of white-matter microstructure degradation during aging and its association with cognitive status. <i>Scientific Reports</i> , 2021 , 11, 4517	4.9	11
454	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> , 2021 , 18,	4.6	41
453	White Matter Microstructure Alterations Associated With Paroxetine Treatment Response in Major Depression. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 693109	3.5	2
452	Prenatal Glucocorticoid-Exposed Infants Do Not Show an Age-Typical Fear Bias at 8 Months of Age - Preliminary Findings From the FinnBrain Birth Cohort Study. <i>Frontiers in Psychology</i> , 2021 , 12, 655654	3.4	0
451	The Association of Metabolic Dysfunction and Mood Across Lifespan Interacts With the Default Mode Network Functional Connectivity. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 618623	5.3	1
450	ATENA-A Novel Rapidly Manufactured Medical Invasive Ventilator Designed as a Response to the COVID-19 Pandemic: Testing Protocol, Safety, and Performance Validation. <i>Frontiers in Medicine</i> , 2021 , 8, 614580	4.9	1
449	Discrimination of idiopathic Parkinson's disease and vascular parkinsonism based on gait time series and the levodopa effect. <i>Journal of Biomechanics</i> , 2021 , 125, 110214	2.9	1
448	Laterodorsal tegmentum-ventral tegmental area projections encode positive reinforcement signals. <i>Journal of Neuroscience Research</i> , 2021 , 99, 3084-3100	4.4	1
447	Astrocyte-derived TNF and glutamate critically modulate microglia activation by methamphetamine. <i>Neuropsychopharmacology</i> , 2021 , 46, 2358-2370	8.7	5
446	Hippocampal cytogenesis abrogation impairs inter-regional communication between the hippocampus and prefrontal cortex and promotes the time-dependent manifestation of emotional and cognitive deficits. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
445	Multi-mechanical waves against Alzheimer's disease pathology: a systematic review. <i>Translational Neurodegeneration</i> , 2021 , 10, 36	10.3	3
444	Leveraging Neuroscience to Fight Stigma Around Mental Health.. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 812184	3.5	
443	P.0515 Amygdala size associates with stress perception. <i>European Neuropsychopharmacology</i> , 2021 , 53, S380	1.2	
442	Suppression of adult cytogenesis in the rat brain leads to sex-differentiated disruption of the HPA axis activity.. <i>Cell Proliferation</i> , 2021 , e13165	7.9	1
441	Rab35 and glucocorticoids regulate APP and BACE1 trafficking to modulate A β production. <i>Cell Death and Disease</i> , 2021 , 12, 1137	9.8	0
440	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 98-107	4.5	3
439	Stigmatizing Attitudes Toward Patients With Psychiatric Disorders Among Medical Students and Professionals. <i>Frontiers in Psychiatry</i> , 2020 , 11, 326	5	13
438	Minho Communication Assessment Scale: Development and Validation. <i>Acta Medica Portuguesa</i> , 2020 , 33, 326-334	1.4	0

437	A versatile and modular tetrode-based device for single-unit recordings in rodent ex vivo and in vivo acute preparations. <i>Journal of Neuroscience Methods</i> , 2020 , 341, 108755	3	
436	Allosteric modulation of AMPA receptors counteracts Tau-related excitotoxic synaptic signaling and memory deficits in stress- and Aβ-evoked hippocampal pathology. <i>Molecular Psychiatry</i> , 2020 ,	15.1	3
435	Bioorthogonal Labeling Reveals Different Expression of Glycans in Mouse Hippocampal Neuron Cultures during Their Development. <i>Molecules</i> , 2020 , 25,	4.8	2
434	Unilateral accumbal dopamine depletion affects decision-making in a side-specific manner. <i>Experimental Neurology</i> , 2020 , 327, 113221	5.7	4
433	Natural history of the late-onset phenotype of Fabry disease due to the p.F113L mutation. <i>Molecular Genetics and Metabolism Reports</i> , 2020 , 22, 100565	1.8	12
432	Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm. <i>European Journal of Neuroscience</i> , 2020 , 52, 3242-3255	3.5	8
431	Modality-specific overlaps in brain structure and function in obsessive-compulsive disorder: Multimodal meta-analysis of case-control MRI studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 83-94	9	18
430	Fabry Disease Therapy: State-of-the-Art and Current Challenges. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	11
429	Gait Characteristics and Their Discriminative Ability in Patients with Fabry Disease with and Without White-Matter Lesions. <i>Lecture Notes in Computer Science</i> , 2020 , 415-428	0.9	
428	Unmasking the relevance of hemispheric asymmetries-Break on through (to the other side). <i>Progress in Neurobiology</i> , 2020 , 192, 101823	10.9	15
427	Biomarkers of resilience and susceptibility in rodent models of stress 2020 , 311-321		2
426	The moderator effect of age in the association between mood and adiposity in the elderly is specific for the subcutaneous adipose compartment: An MRI study. <i>International Journal of Geriatric Psychiatry</i> , 2020 , 35, 113-121	3.9	2
425	A novel molecular link between HOXA9 and WNT6 in glioblastoma identifies a subgroup of patients with particular poor prognosis. <i>Molecular Oncology</i> , 2020 , 14, 1224-1241	7.9	11
424	Amygdalar corticotropin-releasing factor mediates stress-induced anxiety. <i>Brain Research</i> , 2020 , 1729, 146622	3.7	5
423	The association of dietary patterns with cognition through the lens of neuroimaging-a Systematic review. <i>Ageing Research Reviews</i> , 2020 , 63, 101145	12	5
422	Iron Status is Associated with Mood, Cognition, and Functional Ability in Older Adults: A Cross-Sectional Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
421	Signatures of brain criticality unveiled by maximum entropy analysis across cortical states. <i>Physical Review E</i> , 2020 , 102, 012408	2.4	4
420	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2020 , 737, 135309	3.3	0

4 ¹⁹	Combination of a Gellan Gum-Based Hydrogel With Cell Therapy for the Treatment of Cervical Spinal Cord Injury. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 984	5.8	5
4 ¹⁸	miR-409 and miR-411 Modulation in the Adult Brain of a Rat Model of Depression and After Fluoxetine Treatment. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 136	3.5	3
4 ¹⁷	Higher Adherence to the Mediterranean Diet Is Associated With Preserved White Matter Integrity and Altered Structural Connectivity. <i>Frontiers in Neuroscience</i> , 2020 , 14, 786	5.1	6
4 ¹⁶	Strategies for remote assessment of medical students at University of Minho. <i>Medical Education</i> , 2020 , 54, 1074-1075	3.7	0
4 ¹⁵	Cognition Is Associated With Peripheral Immune Molecules in Healthy Older Adults: A Cross-Sectional Study. <i>Frontiers in Immunology</i> , 2020 , 11, 2045	8.4	4
4 ¹⁴	Cognitive performance is associated with worse prognosis in patients with heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2020 , 7, 3059-3066	3.7	3
4 ¹³	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020 , 87, 1022-1034	7.9	34
4 ¹²	Tet3 regulates cellular identity and DNA methylation in neural progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 2871-2883	10.3	14
4 ¹¹	Parkinson's Disease and Fabry Disease: Clinical, Biochemical and Neuroimaging Analysis of Three Pedigrees. <i>Journal of Parkinsons Disease</i> , 2020 , 10, 141-152	5.3	7
4 ¹⁰	Founder effect of Fabry disease due to p.F113L mutation: Clinical profile of a late-onset phenotype. <i>Molecular Genetics and Metabolism</i> , 2020 , 129, 150-160	3.7	17
4 ⁰⁹	Nucleus accumbens medium spiny neurons subtypes signal both reward and aversion. <i>Molecular Psychiatry</i> , 2020 , 25, 3241-3255	15.1	34
4 ⁰⁸	Predictors of Fabry disease in patients with hypertrophic cardiomyopathy: How to guide the diagnostic strategy?. <i>American Heart Journal</i> , 2020 , 226, 114-126	4.9	3
4 ⁰⁷	Stress Influences the Effect of Obsessive-Compulsive Symptoms on Emotion Regulation. <i>Frontiers in Psychiatry</i> , 2020 , 11, 594541	5	2
4 ⁰⁶	Role of laterodorsal tegmentum projections to nucleus accumbens in reward-related behaviors. <i>Nature Communications</i> , 2019 , 10, 4138	17.4	18
4 ⁰⁵	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019 , 10, 425	4.1	6
4 ⁰⁴	Gait stride-to-stride variability and foot clearance pattern analysis in Idiopathic Parkinson's Disease and Vascular Parkinsonism. <i>Journal of Biomechanics</i> , 2019 , 92, 98-104	2.9	11
4 ⁰³	MORPhA Scale: Behavioral and electroencephalographic validation of a rodent anesthesia scale. <i>Journal of Neuroscience Methods</i> , 2019 , 324, 108304	3	5
4 ⁰²	Criticality between Cortical States. <i>Physical Review Letters</i> , 2019 , 122, 208101	7.4	71

401	TET enzymes in neurophysiology and brain function. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 102, 337-344	9	21
400	P.1.23 Implication of Rab35/ESCRT pathway in tau proteostasis under control and pathological conditions. <i>European Neuropsychopharmacology</i> , 2019 , 29, S649-S650	1.2	
399	Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. <i>Translational Psychiatry</i> , 2019 , 9, 143	8.6	24
398	Differential lipid composition and regulation along the hippocampal longitudinal axis. <i>Translational Psychiatry</i> , 2019 , 9, 144	8.6	22
397	Brain functional connectivity is altered in patients with Takotsubo Syndrome. <i>Scientific Reports</i> , 2019 , 9, 4187	4.9	10
396	Structural and molecular correlates of cognitive aging in the rat. <i>Scientific Reports</i> , 2019 , 9, 2005	4.9	16
395	Voluntary running rescues the defective hippocampal neurogenesis and behaviour observed in lipocalin 2-null mice. <i>Scientific Reports</i> , 2019 , 9, 1649	4.9	11
394	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
393	Maternal prenatal hair cortisol is associated with prenatal depressive symptom trajectories. <i>Psychoneuroendocrinology</i> , 2019 , 109, 104383	5	19
392	Reduced Hedonic Valuation of Rewards and Unaffected Cognitive Regulation in Chronic Stress. <i>Frontiers in Neuroscience</i> , 2019 , 13, 724	5.1	6
391	The resting-brain of obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 290, 38-41	2.9	8
390	Relationship between obsessive compulsive disorder and cortisol: Systematic review and meta-analysis. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1185-1198	1.2	13
389	The correlation between serum vascular endothelial growth factor (VEGF) and tumor VEGF receptor 3 in colorectal cancer. <i>Annals of Surgical Treatment and Research</i> , 2019 , 97, 15-20	2	10
388	A structured remediation program for communication skills. <i>International Journal of Medical Education</i> , 2019 , 10, 161-162	1.6	
387	Stress and the Etiopathogenesis of Alzheimer's Disease and Depression. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1184, 241-257	3.6	14
386	NOVEL INSIGHTS OF TAU RNA-PROTEIN BIOLOGY IN THE PRECIPITATING ROLE OF CHRONIC STRESS ON ALZHEIMER'S DISEASE BRAIN PATHOLOGY 2019 , 15, P1643		
385	Screening for Fabry disease in patients with left ventricular noncompaction. <i>Revista Portuguesa De Cardiologia</i> , 2019 , 38, 709-716	1	2
384	Gait classification of patients with Fabry's disease based on normalized gait features obtained using multiple regression models 2019 ,		2

383	Ceftriaxone modulates the acute corticosterone effects in local field potentials in the primary somatosensory cortex of anesthetized mice. <i>Scientific Reports</i> , 2019 , 9, 20289	4.9	2
382	25-OH Vitamin D Levels and Cognitive Performance: Longitudinal Assessment in a Healthy Aging Cohort. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 330	5.3	5
381	The SIGMA rat brain templates and atlases for multimodal MRI data analysis and visualization. <i>Nature Communications</i> , 2019 , 10, 5699	17.4	25
380	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. <i>Aging Cell</i> , 2019 , 18, e12857	9.9	8
379	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. <i>Cell Death and Differentiation</i> , 2019 , 26, 1411-1427	12.7	55
378	Region-specific control of microglia by adenosine A receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019 , 67, 182-192	9	19
377	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> , 2019 , 76, 125-132	5.6	64
376	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1-15	1.2	15
375	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. <i>Genes, Brain and Behavior</i> , 2019 , 18, e12542	3.6	13
374	Influence of Visceral Fat in the Outcomes of Colorectal Cancer. <i>Digestive Surgery</i> , 2019 , 36, 33-40	2.5	7
373	Predicting completion time in high-stakes exams. <i>Future Generation Computer Systems</i> , 2019 , 92, 549-559.5	5	5
372	Early Inflammatory Biomarkers as Predictive Factors for Freedom from Infection after Colorectal Cancer Surgery: A Prospective Cohort Study. <i>Surgical Infections</i> , 2018 , 19, 446-450	2	9
371	A brain within the heart: A review on the intracardiac nervous system. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 119, 1-9	5.8	24
370	Maternal hormonal milieu influence on fetal brain development. <i>Brain and Behavior</i> , 2018 , 8, e00920	3.4	75
369	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. <i>Stem Cells</i> , 2018 , 36, 696-708	5.8	33
368	The uptake, retention and clearance of drug-loaded dendrimer nanoparticles in astrocytes - electrophysiological quantification. <i>Biomaterials Science</i> , 2018 , 6, 388-397	7.4	12
367	Safinamide: a new hope for Parkinson's disease?. <i>Drug Discovery Today</i> , 2018 , 23, 736-744	8.8	24
366	Inner ear involvement in Fabry disease: Clinical and audiometric evaluation of a large cohort of patients followed in a reference centre. <i>European Journal of Medical Genetics</i> , 2018 , 61, 341-347	2.6	11

365	Biomarkers of Myocardial Fibrosis: Revealing the Natural History of Fibrogenesis in Fabry Disease Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	11
364	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. <i>Molecular Psychiatry</i> , 2018 , 23, 579-586	15.1	32
363	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , 2018 , 23, 1031-1039	15.1	26
362	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> , 2018 , 46, 449-459	6.8	39
361	Inflammatory pathology markers (activated microglia and reactive astrocytes) in early and late onset Alzheimer disease: a post mortem study. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 298-313	5.3	34
360	Chronic stress targets adult neurogenesis preferentially in the suprapyramidal blade of the rat dorsal dentate gyrus. <i>Brain Structure and Function</i> , 2018 , 223, 415-428	4	20
359	Poly(bis[2-(methacryloyloxy)ethyl] phosphate)/Bacterial Cellulose Nanocomposites: Preparation, Characterization and Application as Polymer Electrolyte Membranes. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1145	2.6	26
358	Mild Prenatal Stress Causes Emotional and Brain Structural Modifications in Rats of Both Sexes. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 129	3.5	37
357	Functional Hemispheric (A)symmetries in the Aged Brain-Relevance for Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 58	5.3	7
356	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
355	Nucleus Accumbens Microcircuit Underlying D2-MSN-Driven Increase in Motivation. <i>ENeuro</i> , 2018 , 5,	3.9	27
354	Sorting nexin 3 mutation impairs development and neuronal function in <i>Caenorhabditis elegans</i> . <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2027-2044	10.3	8
353	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
352	Artificial Neural Networks Classification of Patients with Parkinsonism based on Gait 2018 ,		7
351	Poor Sleep Quality Associates With Decreased Functional and Structural Brain Connectivity in Normative Aging: A MRI Multimodal Approach. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 375	5.3	15
350	The Role of Astrocytic Calcium Signaling in the Aged Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 379	6.1	8
349	Adult Hippocampal Neurogenesis Modulation by the Membrane-Associated Progesterone Receptor Family Member Neudesin. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 463	6.1	5
348	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018 , 8, 17666	4.9	8

347	The neurobiological hypothesis of neurotrophins in the pathophysiology of schizophrenia: A meta-analysis. <i>Journal of Psychiatric Research</i> , 2018 , 106, 43-53	5.2	24
346	Metabolism and adult neurogenesis: Towards an understanding of the role of lipocalin-2 and iron-related oxidative stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 95, 73-84	9	9
345	The long non-coding RNA is transcriptionally activated by HOXA9 and is an independent prognostic marker in patients with malignant glioma. <i>Oncotarget</i> , 2018 , 9, 15740-15756	3.3	17
344	Longitudinal measurement invariance of memory performance and executive functioning in healthy aging. <i>PLoS ONE</i> , 2018 , 13, e0204012	3.7	11
343	is a novel oncogenic prognostic biomarker in human glioblastoma. <i>Theranostics</i> , 2018 , 8, 4805-4823	12.1	26
342	Endolysosomal degradation of Tau and its role in glucocorticoid-driven hippocampal malfunction. <i>EMBO Journal</i> , 2018 , 37,	13	43
341	AP2 β A New Player on Adult Hippocampal Neurogenesis Regulation. <i>Journal of Experimental Neuroscience</i> , 2018 , 12, 1179069518766897	3.6	3
340	Discriminant power of socio-demographic characteristics and mood in distinguishing cognitive performance clusters in older individuals: a cross-sectional analysis. <i>Aging and Mental Health</i> , 2017 , 21, 537-542	3.5	
339	The association between stress and mood across the adult lifespan on default mode network. <i>Brain Structure and Function</i> , 2017 , 222, 101-112	4	24
338	PhenoWorld: addressing animal welfare in a new paradigm to house and assess rat behaviour. <i>Laboratory Animals</i> , 2017 , 51, 36-43	2.6	7
337	Segmental and regional quantification of 3D cellular density of human meniscus from osteoarthritic knee. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1844-1852	4.4	16
336	Antidepressant responsiveness in adulthood is permanently impaired after neonatal destruction of the neurogenic pool. <i>Translational Psychiatry</i> , 2017 , 7, e990	8.6	2
335	White matter changes in microstructure associated with a maladaptive response to stress in rats. <i>Translational Psychiatry</i> , 2017 , 7, e1009	8.6	20
334	The role of autonomic nervous system in susceptibility and resilience to stress. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 102-107	4	5
333	Coupled variability in primary sensory areas and the hippocampus during spontaneous activity. <i>Scientific Reports</i> , 2017 , 7, 46077	4.9	6
332	Patterns of Microglial Cell Activation in Alzheimer Disease and Frontotemporal Lobar Degeneration. <i>Neurodegenerative Diseases</i> , 2017 , 17, 145-154	2.3	22
331	Old and new challenges in Parkinson's disease therapeutics. <i>Progress in Neurobiology</i> , 2017 , 156, 69-89	10.9	54
330	The modulation of adult neuroplasticity is involved in the mood-improving actions of atypical antipsychotics in an animal model of depression. <i>Translational Psychiatry</i> , 2017 , 7, e1146	8.6	36

329	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>Molecular Psychiatry</i> , 2017 , 22, 1110-1118	15.1	39
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