

Nuno Sousa

List of Publications by Year in descending order

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Version: 2024-02-01

515
papers

29,165
citations

4955

84
h-index

8618

146
g-index

570
all docs

570
docs citations

570
times ranked

36668
citing authors

#	ARTICLE	IF	CITATIONS
1	The underestimated sex: A review on female animal models of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104498.	2.9	9
2	Beyond New Neurons in the Adult Hippocampus: Imipramine Acts as a Pro-Astroglial Factor and Rescues Cognitive Impairments Induced by Stress Exposure. <i>Cells</i> , 2022, 11, 390.	1.8	9
3	The thalamus and its subnuclei—a gateway to obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2022, 12, 70.	2.4	19
4	Distinct role of nucleus accumbens D2-MSN projections to ventral pallidum in different phases of motivated behavior. <i>Cell Reports</i> , 2022, 38, 110380.	2.9	24
5	Evaluation of the genetic risk for COVID-19 outcomes in COPD and differences among worldwide populations. <i>PLoS ONE</i> , 2022, 17, e0264009.	1.1	11
6	A novel method for estimating connectivity-based parcellation of the human brain from diffusion MRI: Application to an aging cohort. <i>Human Brain Mapping</i> , 2022, , .	1.9	2
7	<i>Cadherin-3</i> is a novel oncogenic biomarker with prognostic value in glioblastoma. <i>Molecular Oncology</i> , 2022, 16, 2611-2631.	2.1	4
8	Suppression of adult cytogenesis in the rat brain leads to sex-differentiated disruption of the HPA axis activity. <i>Cell Proliferation</i> , 2022, 55, e13165.	2.4	3
9	Chronic Stress Does Not Influence the Survival of Mouse Models of Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, 856210.	1.3	2
10	Lipocalin-2 does not influence EAE clinical score but it increases inflammation in central nervous system. <i>Journal of Neuroimmunology</i> , 2022, 368, 577872.	1.1	5
11	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.	1.3	5
12	Magnetic resonance elastography of the ageing brain in normal and demented populations: A systematic review. <i>Human Brain Mapping</i> , 2022, 43, 4207-4218.	1.9	8
13	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, 118, 110563.	2.5	2
14	An fMRI study of cognitive regulation of reward processing in generalized anxiety disorder (GAD). <i>Psychiatry Research - Neuroimaging</i> , 2022, 324, 111493.	0.9	6
15	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.	0.8	11
16	Allosteric modulation of AMPA receptors counteracts Tau-related excitotoxic synaptic signaling and memory deficits in stress- and A β -evoked hippocampal pathology. <i>Molecular Psychiatry</i> , 2021, 26, 5899-5911.	4.1	12
17	IP ₃ R2 null mice display a normal acquisition of somatic and neurological development milestones. <i>European Journal of Neuroscience</i> , 2021, 54, 5673-5686.	1.2	12
18	Challenges and Perspectives on Biosensors for Highly Sensitive Quantification of Salivary Troponins: A Review. <i>IEEE Sensors Journal</i> , 2021, 21, 13976-13984.	2.4	8

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19	Sex Hormone Depletion Augments Glucocorticoid Induction of Tau Hyperphosphorylation in Male Rat Brain. <i>Neuroscience</i> , 2021, 454, 140-150.	1.1	15
20	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.	1.1	0
21	Tet3 ablation in adult brain neurons increases anxiety-like behavior and regulates cognitive function in mice. <i>Molecular Psychiatry</i> , 2021, 26, 1445-1457.	4.1	37
22	Asymmetrical Brain Plasticity: Physiology and Pathology. <i>Neuroscience</i> , 2021, 454, 3-14.	1.1	24
23	Altered astrocytic function in experimental neuroinflammation and multiple sclerosis. <i>Glia</i> , 2021, 69, 1341-1368.	2.5	24
24	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.	1.1	5
25	Astrocytic plasticity at the dorsal dentate gyrus on an animal model of recurrent depression. <i>Neuroscience</i> , 2021, 454, 94-104.	1.1	15
26	Chronic pain susceptibility is associated with anhedonic behavior and alterations in the accumbal ubiquitin-proteasome system. <i>Pain</i> , 2021, 162, 1722-1731.	2.0	4
27	Association of positive and negative life events with cognitive performance and psychological status in late life: A cross-sectional study in Northern Portugal. <i>Ageing Brain</i> , 2021, 1, 100020.	0.7	2
28	Clinical studies in the elderly – Why and how should we care?. <i>Ageing Brain</i> , 2021, 1, 100001.	0.7	1
29	Reorganization of brain structural networks in aging: A longitudinal study. <i>Journal of Neuroscience Research</i> , 2021, 99, 1354-1376.	1.3	18
30	Intracellular Autofluorescence as a New Biomarker for Cancer Stem Cells in Glioblastoma. <i>Cancers</i> , 2021, 13, 828.	1.7	3
31	Signatures of white-matter microstructure degradation during aging and its association with cognitive status. <i>Scientific Reports</i> , 2021, 11, 4517.	1.6	41
32	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, 1910.	1.2	84
33	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.	1.5	18
34	Fabry Disease and the Heart: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4434.	1.8	40
35	Habitual coffee drinkers display a distinct pattern of brain functional connectivity. <i>Molecular Psychiatry</i> , 2021, 26, 6589-6598.	4.1	31
36	Assessing Impulsivity in Humans and Rodents: Taking the Translational Road. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 647922.	1.0	10

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37	Frontoparietal hyperconnectivity during cognitive regulation in obsessive-compulsive disorder followed by reward valuation inflexibility. <i>Journal of Psychiatric Research</i> , 2021, 137, 657-666.	1.5	8
38	Sorting Out Sorting Nexins Functions in the Nervous System in Health and Disease. <i>Molecular Neurobiology</i> , 2021, 58, 4070-4106.	1.9	15
39	Amygdala size varies with stress perception. <i>Neurobiology of Stress</i> , 2021, 14, 100334.	1.9	8
40	Reduced hippocampal ten-eleven translocation 3 (Tet3) protein expression in Tet3 conditional knockout mice. <i>Molecular Psychiatry</i> , 2021, 26, 1425-1425.	4.1	0
41	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.	1.2	14
42	Where Dopaminergic and Cholinergic Systems Interact: A Gateway for Tuning Neurodegenerative Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 661973.	1.0	13
43	Integration of segmented regression analysis with weighted gene correlation network analysis identifies genes whose expression is remodeled throughout physiological aging in mouse tissues. <i>Aging</i> , 2021, 13, 18150-18190.	1.4	9
44	White Matter Microstructure Alterations Associated With Paroxetine Treatment Response in Major Depression. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 693109.	1.0	8
45	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.	1.1	1
46	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.	1.7	3
47	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.	1.2	2
48	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.	0.9	7
49	Laterodorsal tegmentum – ventral tegmental area projections encode positive reinforcement signals. <i>Journal of Neuroscience Research</i> , 2021, 99, 3084-3100.	1.3	3
50	Astrocyte-derived TNF and glutamate critically modulate microglia activation by methamphetamine. <i>Neuropsychopharmacology</i> , 2021, 46, 2358-2370.	2.8	36
51	Editorial: New Insights Into Behavioral Pharmacology. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 754714.	1.0	0
52	Hippocampal cytochrome 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, 26, 7154-7166.	4.1	12
53	Multi-mechanical waves against Alzheimer’s disease pathology: a systematic review. <i>Translational Neurodegeneration</i> , 2021, 10, 36.	3.6	10
54	Fabry Disease Therapy: State-of-the-Art and Current Challenges. <i>International Journal of Molecular Sciences</i> , 2021, 22, 206.	1.8	35

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55	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, 11798.	1.8	2
56	Correlation Analysis between Hemoglobin and C-Reactive Protein in Patients Admitted to an Emergency Unit. <i>Journal of Clinical Medicine</i> , 2021, 10, 5411.	1.0	4
57	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.	1.7	5
58	New Horizons for Phenotyping Behavior in Rodents: The Example of Depressive-Like Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 811987.	1.0	4
59	Leveraging Neuroscience to Fight Stigma Around Mental Health. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 812184.	1.0	2
60	P.0515 Amygdala size associates with stress perception. <i>European Neuropsychopharmacology</i> , 2021, 53, S380.	0.3	0
61	Rab35 and glucocorticoids regulate APP and BACE1 trafficking to modulate A β 2 production. <i>Cell Death and Disease</i> , 2021, 12, 1137.	2.7	11
62	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020, 87, 1022-1034.	0.7	73
63	Tet3 regulates cellular identity and DNA methylation in neural progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2871-2883.	2.4	29
64	Parkinson's Disease and Fabry Disease: Clinical, Biochemical and Neuroimaging Analysis of Three Pedigrees. <i>Journal of Parkinson's Disease</i> , 2020, 10, 141-152.	1.5	14
65	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.	0.5	29
66	Nucleus accumbens medium spiny neurons subtypes signal both reward and aversion. <i>Molecular Psychiatry</i> , 2020, 25, 3241-3255.	4.1	140
67	Biomarkers of resilience and susceptibility in rodent models of stress. , 2020, , 311-321.		2
68	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.	1.3	4
69	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.	2.1	21
70	Amygdalar corticotropin-releasing factor mediates stress-induced anxiety. <i>Brain Research</i> , 2020, 1729, 146622.	1.1	13
71	The association of dietary patterns with cognition through the lens of neuroimaging—a Systematic review. <i>Ageing Research Reviews</i> , 2020, 63, 101145.	5.0	17
72	Iron Status is Associated with Mood, Cognition, and Functional Ability in Older Adults: A Cross-Sectional Study. <i>Nutrients</i> , 2020, 12, 3594.	1.7	13

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73	Signatures of brain criticality unveiled by maximum entropy analysis across cortical states. <i>Physical Review E</i> , 2020, 102, 012408.	0.8	8
74	Modality-Specific Overlaps in Brain Structure and Function in Obsessive-Compulsive Disorder: Multimodal Meta-Analysis of Case-Control MRI Studies. <i>Biological Psychiatry</i> , 2020, 87, S198-S199.	0.7	0
75	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2020, 737, 135309.	1.0	2
76	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.	2.0	10
77	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.	1.0	7
78	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.	1.4	16
79	Strategies for remote assessment of medical students at University of Minho. <i>Medical Education</i> , 2020, 54, 1074-1075.	1.1	1
80	Cognition Is Associated With Peripheral Immune Molecules in Healthy Older Adults: A Cross-Sectional Study. <i>Frontiers in Immunology</i> , 2020, 11, 2045.	2.2	13
81	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.	1.4	11
82	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 98-107.	1.4	7
83	Stigmatizing Attitudes Toward Patients With Psychiatric Disorders Among Medical Students and Professionals. <i>Frontiers in Psychiatry</i> , 2020, 11, 326.	1.3	37
84	Minho Communication Assessment Scale: Development and Validation. <i>Acta Medica Portuguesa</i> , 2020, 33, 326-334.	0.2	1
85	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.	1.3	0
86	Bioorthogonal Labeling Reveals Different Expression of Glycans in Mouse Hippocampal Neuron Cultures during Their Development. <i>Molecules</i> , 2020, 25, 795.	1.7	3
87	Unilateral accumbal dopamine depletion affects decision-making in a side-specific manner. <i>Experimental Neurology</i> , 2020, 327, 113221.	2.0	5
88	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.	0.4	20
89	Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm. <i>European Journal of Neuroscience</i> , 2020, 52, 3242-3255.	1.2	20
90	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.	2.9	33

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91	Predictors of Fabry disease in patients with hypertrophic cardiomyopathy: How to guide the diagnostic strategy?. American Heart Journal, 2020, 226, 114-126.	1.2	5
92	Stress Influences the Effect of Obsessive-Compulsive Symptoms on Emotion Regulation. Frontiers in Psychiatry, 2020, 11, 594541.	1.3	9
93	Unmasking the relevance of hemispheric asymmetriesâ€”Break on through (to the other side). Progress in Neurobiology, 2020, 192, 101823.	2.8	29
94	Gait Characteristics and Their Discriminative Ability in Patients with Fabry Disease with and Without White-Matter Lesions. Lecture Notes in Computer Science, 2020, , 415-428.	1.0	0
95	Maternal prenatal hair cortisol is associated with prenatal depressive symptom trajectories. Psychoneuroendocrinology, 2019, 109, 104383.	1.3	34
96	Low Intensity Focused Ultrasound Modulation of Neural Circuits Activity. , 2019, , .		0
97	Reduced Hedonic Valuation of Rewards and Unaffected Cognitive Regulation in Chronic Stress. Frontiers in Neuroscience, 2019, 13, 724.	1.4	7
98	The resting-brain of obsessiveâ€”compulsive disorder. Psychiatry Research - Neuroimaging, 2019, 290, 38-41.	0.9	13
99	Relationship between obsessive compulsive disorder and cortisol: Systematic review and meta-analysis. European Neuropsychopharmacology, 2019, 29, 1185-1198.	0.3	27
100	Role of laterodorsal tegmentum projections to nucleus accumbens in reward-related behaviors. Nature Communications, 2019, 10, 4138.	5.8	34
101	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	1.1	15
102	Gait stride-to-stride variability and foot clearance pattern analysis in Idiopathic Parkinsonâ€™s Disease and Vascular Parkinsonism. Journal of Biomechanics, 2019, 92, 98-104.	0.9	16
103	MORPhA Scale: Behavioral and electroencephalographic validation of a rodent anesthesia scale. Journal of Neuroscience Methods, 2019, 324, 108304.	1.3	9
104	Criticality between Cortical States. Physical Review Letters, 2019, 122, 208101.	2.9	159
105	TET enzymes in neurophysiology and brain function. Neuroscience and Biobehavioral Reviews, 2019, 102, 337-344.	2.9	39
106	P.1.23 Implication of Rab35/ESCRT pathway in tau proteostasis under control and pathological conditions. European Neuropsychopharmacology, 2019, 29, S649-S650.	0.3	0
107	Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. Translational Psychiatry, 2019, 9, 143.	2.4	37
108	Differential lipid composition and regulation along the hippocampal longitudinal axis. Translational Psychiatry, 2019, 9, 144.	2.4	31

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109	Brain functional connectivity is altered in patients with Takotsubo Syndrome. Scientific Reports, 2019, 9, 4187.	1.6	16
110	Structural and molecular correlates of cognitive aging in the rat. Scientific Reports, 2019, 9, 2005.	1.6	31
111	Voluntary running rescues the defective hippocampal neurogenesis and behaviour observed in lipocalin 2-null mice. Scientific Reports, 2019, 9, 1649.	1.6	12
112	A Resting-State Functional MR Imaging and Spectroscopy Study of the Dorsal Hippocampus in the Chronic Unpredictable Stress Rat Model. Journal of Neuroscience, 2019, 39, 3640-3650.	1.7	28
113	NOVEL INSIGHTS OF TAU RNA-PROTEIN BIOLOGY IN THE PRECIPITATING ROLE OF CHRONIC STRESS ON ALZHEIMER'S DISEASE BRAIN PATHOLOGY. Alzheimer's and Dementia, 2019, 15, .	0.4	0
114	Screening for Fabry disease in patients with left ventricular noncompaction. Revista Portuguesa De Cardiologia, 2019, 38, 709-716.	0.2	5
115	Gait classification of patients with Fabry's disease based on normalized gait features obtained using multiple regression models. , 2019, , .		4
116	Ceftriaxone modulates the acute corticosterone effects in local field potentials in the primary somatosensory cortex of anesthetized mice. Scientific Reports, 2019, 9, 20289.	1.6	4
117	25-OH Vitamin D Levels and Cognitive Performance: Longitudinal Assessment in a Healthy Aging Cohort. Frontiers in Aging Neuroscience, 2019, 11, 330.	1.7	6
118	The SIGMA rat brain templates and atlases for multimodal MRI data analysis and visualization. Nature Communications, 2019, 10, 5699.	5.8	73
119	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. Aging Cell, 2019, 18, e12857.	3.0	11
120	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. Cell Death and Differentiation, 2019, 26, 1411-1427.	5.0	80
121	Region-specific control of microglia by adenosine A _{2A} receptors: uncoupling anxiety and associated cognitive deficits in female rats. Glia, 2019, 67, 182-192.	2.5	29
122	Proinflammatory and anti-inflammatory cytokines in the CSF of patients with Alzheimer's disease and their correlation with cognitive decline. Neurobiology of Aging, 2019, 76, 125-132.	1.5	121
123	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. European Neuropsychopharmacology, 2019, 29, 1-15.	0.3	20
124	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. Genes, Brain and Behavior, 2019, 18, e12542.	1.1	17
125	Influence of Visceral Fat in the Outcomes of Colorectal Cancer. Digestive Surgery, 2019, 36, 33-40.	0.6	19
126	Predicting completion time in high-stakes exams. Future Generation Computer Systems, 2019, 92, 549-559.	4.9	7

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127	Stress and the Etiopathogenesis of Alzheimer's Disease and Depression. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1184, 241-257.	0.8	27
128	Righteousness (and lefteousness) of the old brain. <i>Aging</i> , 2019, 11, 4779-4780.	1.4	4
129	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.	0.4	12
130	A structured remediation program for communication skills. <i>International Journal of Medical Education</i> , 2019, 10, 161-162.	0.6	0
131	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.	0.7	13
132	A brain within the heart: A review on the intracardiac nervous system. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 1-9.	0.9	46
133	Maternal hormonal milieu influence on fetal brain development. <i>Brain and Behavior</i> , 2018, 8, e00920.	1.0	120
134	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.	1.4	48
135	The uptake, retention and clearance of drug-loaded dendrimer nanoparticles in astrocytes – electrophysiological quantification. <i>Biomaterials Science</i> , 2018, 6, 388-397.	2.6	15
136	Safinamide: a new hope for Parkinson's disease?. <i>Drug Discovery Today</i> , 2018, 23, 736-744.	3.2	39
137	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.	0.7	14
138	Biomarkers of Myocardial Fibrosis: Revealing the Natural History of Fibrogenesis in Fabry Disease Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	15
139	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. <i>Molecular Psychiatry</i> , 2018, 23, 579-586.	4.1	47
140	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , 2018, 23, 1031-1039.	4.1	44
141	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.	1.9	68
142	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.	1.8	55
143	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.	1.2	28
144	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.	2.4	12

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145	The dynamics of stress: a longitudinal MRI study of rat brain structure and connectome. <i>Molecular Psychiatry</i> , 2018, 23, 1998-2006.	4.1	60
146	Artificial Neural Networks Classification of Patients with Parkinsonism based on Gait. , 2018, , .		9
147	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.	1.7	26
148	The Role of Astrocytic Calcium Signaling in the Aged Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 379.	1.8	16
149	Adult Hippocampal Neurogenesis Modulation by the Membrane-Associated Progesterone Receptor Family Member Neudesin. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 463.	1.8	9
150	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018, 8, 17666.	1.6	11
151	The neurobiological hypothesis of neurotrophins in the pathophysiology of schizophrenia: A meta-analysis. <i>Journal of Psychiatric Research</i> , 2018, 106, 43-53.	1.5	40
152	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.	2.9	16
153	The long non-coding RNA <i>HOTAIR</i> is transcriptionally activated by HOXA9 and is an independent prognostic marker in patients with malignant glioma. <i>Oncotarget</i> , 2018, 9, 15740-15756.	0.8	28
154	Longitudinal measurement invariance of memory performance and executive functioning in healthy aging. <i>PLoS ONE</i> , 2018, 13, e0204012.	1.1	15
155	<i>WNT6</i> is a novel oncogenic prognostic biomarker in human glioblastoma. <i>Theranostics</i> , 2018, 8, 4805-4823.	4.6	35
156	Endolysosomal degradation of Tau and its role in glucocorticoid-driven hippocampal malfunction. <i>EMBO Journal</i> , 2018, 37, .	3.5	73
157	AP2 β : A New Player on Adult Hippocampal Neurogenesis Regulation. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951876689.	2.3	5
158	Molecules and mechanisms in maladaptative stress. <i>Free Radical Biology and Medicine</i> , 2018, 120, S17.	1.3	0
159	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.	1.3	37
160	Mild Prenatal Stress Causes Emotional and Brain Structural Modifications in Rats of Both Sexes. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 129.	1.0	62
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