

Ana Joo Rodrigues

List of Publications by Citations

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72
papers

2,882
citations

27
h-index

53
g-index

92
ext. papers

4,105
ext. citations

6.4
avg, IF

4.86
L-index

#	Paper	IF	Citations
72	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019 , 99, 1877-2013	47.9	979
71	Chronic Stress and Glucocorticoids: From Neuronal Plasticity to Neurodegeneration. <i>Neural Plasticity</i> , 2016 , 2016, 6391686	3.3	130
70	Behavioral characterization of the 6-hydroxidopamine model of Parkinson's disease and pharmacological rescuing of non-motor deficits. <i>Molecular Neurodegeneration</i> , 2013 , 8, 14	19	111
69	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> , 2017 , 6, 634-646	6.9	102
68	Activation of D2 dopamine receptor-expressing neurons in the nucleus accumbens increases motivation. <i>Nature Communications</i> , 2016 , 7, 11829	17.4	98
67	Kinetic profile of the transcriptome changes induced in the choroid plexus by peripheral inflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 921-32	7.3	82
66	Criticality between Cortical States. <i>Physical Review Letters</i> , 2019 , 122, 208101	7.4	71
65	Lipocalin 2 is a choroid plexus acute-phase protein. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 450-5	7.3	69
64	Potential programming of dopaminergic circuits by early life stress. <i>Psychopharmacology</i> , 2011 , 214, 107-20	4.7	68
63	Reappraising striatal D1- and D2-neurons in reward and aversion. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 370-386	9	67
62	Functional genomics and biochemical characterization of the C. elegans orthologue of the Machado-Joseph disease protein ataxin-3. <i>FASEB Journal</i> , 2007 , 21, 1126-36	0.9	53
61	Adenosine A receptor regulation of microglia morphological remodeling-gender bias in physiology and in a model of chronic anxiety. <i>Molecular Psychiatry</i> , 2017 , 22, 1035-1043	15.1	51
60	NEDD8: a new ataxin-3 interactor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007 , 1773, 1619-27	4.9	47
59	Heterozygous deletion of the Williams-Beuren syndrome critical interval in mice recapitulates most features of the human disorder. <i>Human Molecular Genetics</i> , 2014 , 23, 6481-94	5.6	43
58	Mechanisms of initiation and reversal of drug-seeking behavior induced by prenatal exposure to glucocorticoids. <i>Molecular Psychiatry</i> , 2012 , 17, 1295-305	15.1	41
57	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>Molecular Psychiatry</i> , 2017 , 22, 1110-1118	15.1	39
56	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

55	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. <i>Biochimie</i> , 2013 , 95, 2297-303	4.6	36
54	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
53	The future is now: early life events preset adult behaviour. <i>Acta Physiologica</i> , 2014 , 210, 46-57	5.6	35
52	Absence of ataxin-3 leads to cytoskeletal disorganization and increased cell death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 1154-63	4.9	35
51	A transcriptomic signature mediated by HOXA9 promotes human glioblastoma initiation, aggressiveness and resistance to temozolomide. <i>Oncotarget</i> , 2015 , 6, 7657-74	3.3	34
50	Nucleus accumbens medium spiny neurons subtypes signal both reward and aversion. <i>Molecular Psychiatry</i> , 2020 , 25, 3241-3255	15.1	34
49	The bed nucleus of stria terminalis and the amygdala as targets of antenatal glucocorticoids: implications for fear and anxiety responses. <i>Psychopharmacology</i> , 2012 , 220, 443-53	4.7	31
48	Female hippocampus vulnerability to environmental stress, a precipitating factor in Tau aggregation pathology. <i>Journal of Alzheimers Disease</i> , 2015 , 43, 763-74	4.3	28
47	Nucleus Accumbens Microcircuit Underlying D2-MSN-Driven Increase in Motivation. <i>ENeuro</i> , 2018 , 5,	3.9	27
46	Using <i>C. elegans</i> to decipher the cellular and molecular mechanisms underlying neurodevelopmental disorders. <i>Molecular Neurobiology</i> , 2013 , 48, 465-89	6.2	26
45	Dopaminergic modulation of affective and social deficits induced by prenatal glucocorticoid exposure. <i>Neuropsychopharmacology</i> , 2013 , 38, 2068-79	8.7	25
44	Ataxin-3 plays a role in mouse myogenic differentiation through regulation of integrin subunit levels. <i>PLoS ONE</i> , 2010 , 5, e11728	3.7	24
43	Hair cortisol concentration (HCC) as a measure for prenatal psychological distress - A systematic review. <i>Psychoneuroendocrinology</i> , 2018 , 92, 21-28	5	21
42	Novel candidate blood-based transcriptional biomarkers of Machado-Joseph disease. <i>Movement Disorders</i> , 2015 , 30, 968-75	7	20
41	Maternal prenatal hair cortisol is associated with prenatal depressive symptom trajectories. <i>Psychoneuroendocrinology</i> , 2019 , 109, 104383	5	19
40	Absence of ataxin-3 leads to enhanced stress response in <i>C. elegans</i> . <i>PLoS ONE</i> , 2011 , 6, e18512	3.7	19
39	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
38	Role of laterodorsal tegmentum projections to nucleus accumbens in reward-related behaviors. <i>Nature Communications</i> , 2019 , 10, 4138	17.4	18

37	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1744-52	1.2	16
36	Glucocorticoid programming of the mesopontine cholinergic system. <i>Frontiers in Endocrinology</i> , 2013 , 4, 190	5.7	13
35	ATX-3, CDC-48 and UBXN-5: a new trimolecular complex in <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009 , 386, 575-81	3.4	13
34	Deletion of the <i>Caenorhabditis elegans</i> homologues of the CLN3 gene, involved in human juvenile neuronal ceroid lipofuscinosis, causes a mild progeric phenotype. <i>Journal of Inherited Metabolic Disease</i> , 2005 , 28, 1065-80	5.4	13
33	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
32	Maternal prenatal psychological distress and hair cortisol levels associate with infant fecal microbiota composition at 2.5 months of age. <i>Psychoneuroendocrinology</i> , 2020 , 119, 104754	5	12
31	The motivational drive to natural rewards is modulated by prenatal glucocorticoid exposure. <i>Translational Psychiatry</i> , 2014 , 4, e397	8.6	12
30	Programming effects of antenatal corticosteroids exposure in male sexual behavior. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1965-74	1.1	12
29	Day and night surgery: is there any influence in the patient postoperative period of urgent colorectal intervention?. <i>International Journal of Colorectal Disease</i> , 2016 , 31, 525-33	3	11
28	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
27	Glial cells in Parkinson's disease: protective or deleterious?. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 5171-5188	10.3	10
26	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
25	Resilience to stress and sex-specific remodeling of microglia and neuronal morphology in a rat model of anxiety and anhedonia. <i>Neurobiology of Stress</i> , 2021 , 14, 100302	7.6	10
24	Impairments in laterodorsal tegmentum to VTA projections underlie glucocorticoid-triggered reward deficits. <i>ELife</i> , 2017 , 6,	8.9	9
23	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
22	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018 , 8, 17666	4.9	8
21	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
20	Coupled variability in primary sensory areas and the hippocampus during spontaneous activity. <i>Scientific Reports</i> , 2017 , 7, 46077	4.9	6

19	Omental whirl associated with bilateral inguinal hernia: a case report. <i>Journal of Medical Case Reports</i> , 2014 , 8, 239	1.2	6
18	Amygdalar corticotropin-releasing factor mediates stress-induced anxiety. <i>Brain Research</i> , 2020 , 1729, 146622	3.7	5
17	Signatures of brain criticality unveiled by maximum entropy analysis across cortical states. <i>Physical Review E</i> , 2020 , 102, 012408	2.4	4
16	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
15	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
14	Alexithymic Traits and Hair Cortisol Concentrations in Pregnant Women. <i>Frontiers in Psychiatry</i> , 2020 , 11, 421	5	2
13	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
12	Laterodorsal tegmentum-ventral tegmental area projections encode positive reinforcement signals. <i>Journal of Neuroscience Research</i> , 2021 , 99, 3084-3100	4.4	1
11	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
10	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
9	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
8	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
7	The Duration of Stress Determines Sex Specificities in the Vulnerability to Depression and in the Morphologic Remodeling of Neurons and Microglia.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 834821	3.5	0
6	P.2.22 Finding new secretomes for Parkinson's disease regenerative medicine applications. <i>European Neuropsychopharmacology</i> , 2019 , 29, S670-S671	1.2	
5	ISDN2014_0325: Lack of H3K4 demethylase rbr-2/KDM5C leads to GABA-related behavioral defects in <i>C. elegans</i> . <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 100-100	2.7	
4	Submucosal lesion of the oesophagus: not everything is what it seems. <i>BMJ Case Reports</i> , 2014 , 2014,	0.9	
3	Ileal intussusception due to a parasite egg: a case report. <i>World Journal of Gastroenterology</i> , 2014 , 20, 13191-4	5.6	
2	Recent Advances in the Synthesis of the Antidepressant Paroxetine. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2960-2973	4.3	

1 Chronic Stress Does Not Influence the Survival of Mouse Models of Glioblastoma.. *Frontiers in Oncology*, **2022**, 12, 856210

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