

# Ana João Rodrigues

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

5,130  
citations

159585

30  
h-index

98798

67  
g-index

92  
all docs

92  
docs citations

92  
times ranked

7157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond New Neurons in the Adult Hippocampus: Imipramine Acts as a Pro-Astroglionic Factor and Rescues Cognitive Impairments Induced by Stress Exposure. <i>Cells</i> , 2022, 11, 390.	4.1	9
2	Distinct role of nucleus accumbens D2-MSN projections to ventral pallidum in different phases of motivated behavior. <i>Cell Reports</i> , 2022, 38, 110380.	6.4	24
3	Evaluation of the genetic risk for COVID-19 outcomes in COPD and differences among worldwide populations. <i>PLoS ONE</i> , 2022, 17, e0264009.	2.5	11
4	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.	2.0	8
5	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.	5.3	3
6	Chronic Stress Does Not Influence the Survival of Mouse Models of Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, 856210.	2.8	2
7	Hair Cortisol Concentrations Are Associated with Dental Anxiety during Pregnancy. <i>Dentistry Journal</i> , 2021, 9, 42.	2.3	1
8	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.	4.0	22
9	Recent Advances in the Synthesis of the Antidepressant Paroxetine. <i>Current Medicinal Chemistry</i> , 2021, 28, 2960-2973.	2.4	0
10	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.	3.1	9
11	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.	2.1	1
12	Laterodorsal tegmentum-ventral tegmental area projections encode positive reinforcement signals. <i>Journal of Neuroscience Research</i> , 2021, 99, 3084-3100.	2.9	3
13	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, 26, 7154-7166.	7.9	12
14	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.	4.1	2
15	Nucleus accumbens medium spiny neurons subtypes signal both reward and aversion. <i>Molecular Psychiatry</i> , 2020, 25, 3241-3255.	7.9	140
16	Amygdalar corticotropin-releasing factor mediates stress-induced anxiety. <i>Brain Research</i> , 2020, 1729, 146622.	2.2	13
17	Signatures of brain criticality unveiled by maximum entropy analysis across cortical states. <i>Physical Review E</i> , 2020, 102, 012408.	2.1	8
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.	2.0	7

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19	Alexithymic Traits and Hair Cortisol Concentrations in Pregnant Women. <i>Frontiers in Psychiatry</i> , 2020, 11, 421.	2.6	4
20	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.	2.7	40
21	Glial cells in Parkinson's disease: protective or deleterious?. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5171-5188.	5.4	22
22	Maternal prenatal hair cortisol is associated with prenatal depressive symptom trajectories. <i>Psychoneuroendocrinology</i> , 2019, 109, 104383.	2.7	34
23	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	28.8	2,304
24	Role of laterodorsal tegmentum projections to nucleus accumbens in reward-related behaviors. <i>Nature Communications</i> , 2019, 10, 4138.	12.8	34
25	Criticality between Cortical States. <i>Physical Review Letters</i> , 2019, 122, 208101.	7.8	159
26	P.2.22 Finding new secretomes for Parkinson's disease regenerative medicine applications. <i>European Neuropsychopharmacology</i> , 2019, 29, S670-S671.	0.7	0
27	Region-specific control of microglia by adenosine A <sub>2A</sub> receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019, 67, 182-192.	4.9	29
28	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.	2.2	17
29	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.	1.0	12
30	Hair cortisol concentration (HCC) as a measure for prenatal psychological distress – A systematic review. <i>Psychoneuroendocrinology</i> , 2018, 92, 21-28.	2.7	44
31	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.	5.4	12
32	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018, 8, 17666.	3.3	11
33	Mild Prenatal Stress Causes Emotional and Brain Structural Modifications in Rats of Both Sexes. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 129.	2.0	62
34	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.	1.4	10
35	Nucleus Accumbens Microcircuit Underlying D2-MSN-Driven Increase in Motivation. <i>ENeuro</i> , 2018, 5, ENEURO.0386-18.2018.	1.9	59
36	Coupled variability in primary sensory areas and the hippocampus during spontaneous activity. <i>Scientific Reports</i> , 2017, 7, 46077.	3.3	10

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37	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>Molecular Psychiatry</i> , 2017, 22, 1110-1118.	7.9	47
38	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.	3.3	152
39	Adenosine A2A 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.	7.9	69
40	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>European Neuropsychopharmacology</i> , 2017, 27, S546.	0.7	2
41	Impairments in laterodorsal tegmentum to VTA projections underlie glucocorticoid-triggered reward deficits. <i>ELife</i> , 2017, 6, .	6.0	14
42	Chronic Stress and Glucocorticoids: From Neuronal Plasticity to Neurodegeneration. <i>Neural Plasticity</i> , 2016, 2016, 1-15.	2.2	186
43	Reappraising striatal D1- and D2-neurons in reward and aversion. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 370-386.	6.1	125
44	Activation of D2 dopamine receptor-expressing neurons in the nucleus accumbens increases motivation. <i>Nature Communications</i> , 2016, 7, 11829.	12.8	164
45	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, 525-533.	2.2	16
46	Novel candidate blood-based transcriptional biomarkers of Machado-Joseph disease. <i>Movement Disorders</i> , 2015, 30, 968-975.	3.9	28
47	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015, 25, 1744-1752.	0.7	21
48	ISDN2014_0325: Lack of H3K4 demethylase <i>KDM5C</i> leads to GABA-related behavioral defects in <i>C. elegans</i> . <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 100-100.	1.6	0
49	A transcriptomic signature mediated by HOXA9 promotes human glioblastoma initiation, aggressiveness and resistance to temozolomide. <i>Oncotarget</i> , 2015, 6, 7657-7674.	1.8	46
50	The motivational drive to natural rewards is modulated by prenatal glucocorticoid exposure. <i>Translational Psychiatry</i> , 2014, 4, e397-e397.	4.8	19
51	The future is now: early life events preset adult behaviour. <i>Acta Physiologica</i> , 2014, 210, 46-57.	3.8	38
52	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, 6481-6494.	2.9	69
53	Omental whirl associated with bilateral inguinal hernia: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 239.	0.8	6
54	Submucosal lesion of the oesophagus: not everything is what it seems. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014204678-bcr2014204678.	0.5	0

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55	Female Hippocampus Vulnerability to Environmental Stress, a Precipitating Factor in Tau Aggregation Pathology. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 763-774.	2.6	33
56	Ileal intussusception due to a parasite egg: A case report. <i>World Journal of Gastroenterology</i> , 2014, 20, 13191.	3.3	1
57	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.	10.8	142
58	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. <i>Biochimie</i> , 2013, 95, 2297-2303.	2.6	40
59	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, 151-156.	1.6	13
60	Using <i>C. elegans</i> to Decipher the Cellular and Molecular Mechanisms Underlying Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2013, 48, 465-489.	4.0	32
61	Dopaminergic Modulation of Affective and Social Deficits Induced by Prenatal Glucocorticoid Exposure. <i>Neuropsychopharmacology</i> , 2013, 38, 2068-2079.	5.4	35
62	Glucocorticoid Programming of the Mesopontine Cholinergic System. <i>Frontiers in Endocrinology</i> , 2013, 4, 190.	3.5	20
63	Stress shifts the response of the bed nucleus of the stria terminalis to an anxiogenic mode. <i>European Journal of Neuroscience</i> , 2012, 36, 3396-3406.	2.6	44
64	Mechanisms of initiation and reversal of drug-seeking behavior induced by prenatal exposure to glucocorticoids. <i>Molecular Psychiatry</i> , 2012, 17, 1295-1305.	7.9	59
65	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, 443-453.	3.1	44
66	Programming Effects of Antenatal Corticosteroids Exposure in Male Sexual Behavior. <i>Journal of Sexual Medicine</i> , 2011, 8, 1965-1974.	0.6	14
67	Potential programming of dopaminergic circuits by early life stress. <i>Psychopharmacology</i> , 2011, 214, 107-120.	3.1	85
68	Absence of Ataxin-3 Leads to Enhanced Stress Response in <i>C. elegans</i> . <i>PLoS ONE</i> , 2011, 6, e18512.	2.5	26
69	Absence of ataxin-3 leads to cytoskeletal disorganization and increased cell death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1154-1163.	4.1	42
70	Ataxin-3 Plays a Role in Mouse Myogenic Differentiation through Regulation of Integrin Subunit Levels. <i>PLoS ONE</i> , 2010, 5, e11728.	2.5	25
71	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, 921-932.	4.3	95
72	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, 575-581.	2.1	13

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73	Lipocalin 2 is a Choroid Plexus Acute-Phase Protein. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 450-455.	4.3	80
74	Functional genomics and biochemical characterization of the <i>C. elegans</i> orthologue of the Machado-Joseph disease protein ataxin-3. <i>FASEB Journal</i> , 2007, 21, 1126-1136.	0.5	62
75	NEDD8: A new ataxin-3 interactor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1619-1627.	4.1	55
76	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, 1065-1080.	3.6	15
77	Dynamic changes in microglia morphology and higher resilience to stress-induced anxious-behavior in a model of prenatal exposure to glucocorticoids. <i>Frontiers in Cellular Neuroscience</i> , 0, 13, .	3.7	0