Renata Santos

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Generation of inflammation-responsive astrocytes from glial progenitors derived from human pluripotent stem cells. STAR Protocols, 2022, 3, 101261.	0.5	2
2	Inositol monophosphatase 1 (IMPA1) mutation in intellectual disability patients impairs neurogenesis but not gliogenesis. Molecular Psychiatry, 2021, 26, 3558-3571.	4.1	8
3	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. Stem Cell Reports, 2021, 16, 825-835.	2.3	20
4	Deficient LEF1 expression is associated with lithium resistance and hyperexcitability in neurons derived from bipolar disorder patients. Molecular Psychiatry, 2021, 26, 2440-2456.	4.1	41
5	Mechanisms Underlying the Hyperexcitability of CA3 and Dentate Gyrus Hippocampal Neurons Derived From Patients With Bipolar Disorder. Biological Psychiatry, 2020, 88, 139-149.	0.7	39
6	A Physiological Instability Displayed in Hippocampal Neurons Derived From Lithium-Nonresponsive Bipolar Disorder Patients. Biological Psychiatry, 2020, 88, 150-158.	0.7	28
7	Dynamical Electrical Complexity Is Reduced during Neuronal Differentiation in Autism Spectrum Disorder. Stem Cell Reports, 2019, 13, 474-484.	2.3	13
8	In Vitro interaction between yeast frataxin and superoxide dismutases: Influence of mitochondrial metals. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 883-892.	1.1	5
9	Mitochondria, Metabolism, and Redox Mechanisms in Psychiatric Disorders. Antioxidants and Redox Signaling, 2019, 31, 275-317.	2.5	112
10	Species-specific maturation profiles of human, chimpanzee and bonobo neural cells. ELife, 2019, 8, .	2.8	94
11	265. Electrophysiological Measurements of DG Neurons Derived From Bipolar Disorder and Schizophrenia Patients. Biological Psychiatry, 2018, 83, S107.	0.7	0
12	Neurons derived from patients with bipolar disorder divide into intrinsically different sub-populations of neurons, predicting the patientsâ€™ responsiveness to lithium. Molecular Psychiatry, 2018, 23, 1453-1465.	4.1	125
13	Mechanisms of iron and copperâ€“frataxin interactions. Metallomics, 2017, 9, 1073-1085.	1.0	10
14	Differentiation of Inflammation-Responsive Astrocytes from Glial Progenitors Generated from Human Induced Pluripotent Stem Cells. Stem Cell Reports, 2017, 8, 1757-1769.	2.3	120
15	715. Neurons from Bipolar Disorder Patients Are Characterized by Intrinsically Different Sub Populations of Neurons. Biological Psychiatry, 2017, 81, S290.	0.7	0
16	Molecular Mechanisms of Bipolar Disorder: Progress Made and Future Challenges. Frontiers in Cellular Neuroscience, 2017, 11, 30.	1.8	73
17	Neurodegeneration, Neurogenesis, and Oxidative Stress 2015. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-1.	1.9	10
18	Metals and Neuronal Metal Binding Proteins Implicated in Alzheimerâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	1.9	110

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19	Prss56, a novel marker of adult neurogenesis in the mouse brain. Brain Structure and Function, 2016, 221, 4411-4427.	1.2	32
20	Neurodegeneration in Friedreichâ€™s Ataxia: From Defective Frataxin to Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	62
21	Neurodegeneration, Neurogenesis, and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-2.	1.9	16
22	Apn1 AP-endonuclease is essential for the repair of oxidatively damaged DNA bases in yeast frataxin-deficient cells. Human Molecular Genetics, 2012, 21, 4060-4072.	1.4	9
23	Inactivation of mitochondrial aspartate aminotransferase contributes to the respiratory deficit of yeast frataxin-deficient cells. Biochemical Journal, 2012, 441, 945-953.	1.7	17
24	Oxidative stress induces mitochondrial fragmentation in frataxin-deficient cells. Biochemical and Biophysical Research Communications, 2012, 418, 336-341.	1.0	34
25	The yeast metacaspase is implicated in oxidative stress response in frataxinâ€deficient cells. FEBS Letters, 2012, 586, 143-148.	1.3	16
26	Friedreich's ataxia: the vicious circle hypothesis revisited. BMC Medicine, 2011, 9, 112.	2.3	60
27	Co-precipitation of Phosphate and Iron Limits Mitochondrial Phosphate Availability in Saccharomyces cerevisiae Lacking the Yeast Frataxin Homologue (YFH1). Journal of Biological Chemistry, 2011, 286, 6071-6079.	1.6	18
28	Evidence that yeast frataxin is not an iron storage protein in vivo. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 531-538.	1.8	42
29	Friedreich Ataxia: Molecular Mechanisms, Redox Considerations, and Therapeutic Opportunities. Antioxidants and Redox Signaling, 2010, 13, 651-690.	2.5	159
30	The antifungal plant defensin RsAFP2 from radish induces apoptosis in a metacaspase independent way in <i>Candida albicans</i>. FEBS Letters, 2009, 583, 2513-2516.	1.3	113
31	Glutathione-dependent redox status of frataxin-deficient cells in a yeast model of Friedreich's ataxia. Human Molecular Genetics, 2008, 17, 2790-2802.	1.4	76
32	Genome-Wide Screen for Genes With Effects on Distinct Iron Uptake Activities in Saccharomyces cerevisiae. Genetics, 2005, 169, 107-122.	1.2	42
33	Candida albicans lacking the frataxin homologue: a relevant yeast model for studying the role of frataxin. Molecular Microbiology, 2004, 54, 507-519.	1.2	55
34	Characterization of the sodF gene region of Frankia sp. strain ACN14a and complementation of Escherichia coli sod mutant. Canadian Journal of Microbiology, 2003, 49, 294-300.	0.8	4
35	Iron use for haeme synthesis is under control of the yeast frataxin homologue (Yfh1). Human Molecular Genetics, 2003, 12, 879-889.	1.4	207
36	Haemin uptake and use as an iron source by Candida albicans: role of CaHMX1-encoded haem oxygenase. Microbiology (United Kingdom), 2003, 149, 579-588.	0.7	121

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37	Zinc suppresses the iron-accumulation phenotype of Saccharomyces cerevisiae lacking the yeast frataxin homologue (Yfh1). Biochemical Journal, 2003, 375, 247-254.	1.7	25
38	Reactive oxygen species, nitric oxide and glutathione: a key role in the establishment of the legumeâ€“Rhizobium symbiosis?. Plant Physiology and Biochemistry, 2002, 40, 619-624.	2.8	100
39	Oxidative Burst in Alfalfa-Sinorhizobium meliloti Symbiotic Interaction. Molecular Plant-Microbe Interactions, 2001, 14, 86-89.	1.4	284
40	Essential Role of Superoxide Dismutase on the Pathogenicity of Erwinia chrysanthemi Strain 3937. Molecular Plant-Microbe Interactions, 2001, 14, 758-767.	1.4	71
41	Initial sequencing and analysis of the human genome. Nature, 2001, 409, 860-921.	13.7	21,074
42	Critical protective role of bacterial superoxide dismutase in Rhizobium-legume symbiosis. Molecular Microbiology, 2000, 38, 750-759.	1.2	158
43	Characteristics of Protoporphyrinogen Oxidase. , 1999, , 245-277.		6
44	Functional analysis of thehemKgene product involvement in protoporphyrinogen oxidase activity in yeast. FEMS Microbiology Letters, 1999, 173, 175-182.	0.7	16
45	Characterization of an Atypical Superoxide Dismutase from <i>Sinorhizobium meliloti</i>. Journal of Bacteriology, 1999, 181, 4509-4516.	1.0	52
46	Genome diversity in temperate bacteriophages of Oenococcus oeni. Archives of Virology, 1998, 143, 523-536.	0.9	21
47	Characterization of temperate bacteriophages of Leuconostoc oenos and evidence for two prophage attachment sites in the genome of starter strain PSUâ€•1. Journal of Applied Bacteriology, 1996, 81, 383-392.	1.1	13
48	Characterization of temperate bacteriophages of Leuconostoc oenos and evidence for two prophage attachment sites in the genome of starter strain PSU-1. Journal of Applied Microbiology, 1996, 81, 383-392.	1.4	0
49	Bacteriophages induced by mitomycin C treatment of Leuconostoc oenos strains from Portuguese wines. Letters in Applied Microbiology, 1993, 16, 207-209.	1.0	26