FabÃ-ola Mara Ribeiro

List of Publications by Year
in descending order

82 papers	3,590 citations	159585 30 h-index	144013 57 g-index
85 all docs	85 docs citations	85 times ranked	5791 citing authors

#	Article	IF	Citations
1	The Implication of Glial Metabotropic Glutamate Receptors in Alzheimerâ€™s Disease. Current Neuropharmacology, 2023, 21, 164-182.	2.9	3
2	Metabotropic glutamate receptor 5 knockout rescues obesity phenotype in a mouse model of Huntingtonâ€™s disease. Scientific Reports, 2022, 12, 5621.	3.3	3
3	mGluR5 ablation leads to age-related synaptic plasticity impairments and does not improve Huntingtonâ€™s disease phenotype. Scientific Reports, 2022, 12, .	3.3	2
4	DYNLT1 gene expression is downregulated in whole blood of patients at different Huntingtonâ€™s disease stages. Neurological Sciences, 2021, 42, 1963-1967.	1.9	3
5	High-Throughput Sequencing of BACHD Mice Reveals Upregulation of Neuroprotective miRNAs at the Pre-Symptomatic Stage of Huntingtonâ€™s Disease. ASN Neuro, 2021, 13, 175909142110098.	2.7	6
6	Negative Modulation of the Metabotropic Glutamate Receptor Type 5 as a Potential Therapeutic Strategy in Obesity and Binge-Like Eating Behavior. Frontiers in Neuroscience, 2021, 15, 631311.	2.8	9
7	Implications of VIP and PACAP in Parkinsonâ€™s Disease: What do we Know So Far?. Current Medicinal Chemistry, 2021, 28, 1703-1715.	2.4	8
8	Protective role of endocannabinoid signaling in an animal model of haloperidol-induced tardive dyskinesia. Pharmacology Biochemistry and Behavior, 2021, 206, 173193.	2.9	4
9	Myo-Inositol Levels in the Dorsal Hippocampus Serve as Glial Prognostic Marker of Mild Cognitive Impairment in Mice. Frontiers in Aging Neuroscience, 2021, 13, 731603.	3.4	6
10	Phoneutria toxin PnTx3-5 inhibits TRPV1 channel with antinociceptive action in an orofacial pain model. Neuropharmacology, 2020, 162, 107826.	4.1	9
11	mGluR5 regulates REST/NRSF signaling through N-cadherin/Î²-catenin complex in Huntingtonâ€™s disease. Molecular Brain, 2020, 13, 118.	2.6	20
12	AÎ² oligomers induce pathophysiological mGluR5 signaling in Alzheimerâ€™s disease model mice in a sex-selective manner. Science Signaling, 2020, 13, .	3.6	45
13	7-Deaza-7-fluoro-2â€²-C-methyladenosine inhibits Zika virus infection and viral-induced neuroinflammation. Antiviral Research, 2020, 180, 104855.	4.1	8
14	Cannabidiol anticonvulsant effect is mediated by the PI3KÎ³ pathway. Neuropharmacology, 2020, 176, 108156.	4.1	25
15	The role of annexin A1 in the modulation of the NLRP3 inflammasome. Immunology, 2020, 160, 78-89.	4.4	29
16	Short and long TNFâ€alpha exposure recapitulates canonical astrogliosis events in humanâ€induced pluripotent stem cellsâ€derived astrocytes. Glia, 2020, 68, 1396-1409.	4.9	30
17	Opposing roles of CB₁ and CB₂ cannabinoid receptors in the stimulant and rewarding effects of cocaine. British Journal of Pharmacology, 2019, 176, 1541-1551.	5.4	36
18	Host Immune Response to ZIKV in an Immunocompetent Embryonic Mouse Model of Intravaginal Infection. Viruses, 2019, 11, 558.	3.3	13

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19	A positive allosteric modulator of mGluR5 promotes neuroprotective effects in mouse models of Alzheimer's disease. Neuropharmacology, 2019, 160, 107785.	4.1	18
20	Alterations of Calcium Channels in a Mouse Model of Huntingtonâ€™s Disease and Neuroprotection by Blockage of Ca_V1 Channels. ASN Neuro, 2019, 11, 175909141985681.	2.7	18
21	In-depth characterization of congenital Zika syndrome in immunocompetent mice: Antibody-dependent enhancement and an antiviral peptide therapy. EBioMedicine, 2019, 44, 516-529.	6.1	27
22	Zika Virus Transmission Through Blood Tissue Barriers. Frontiers in Microbiology, 2019, 10, 1465.	3.5	28
23	Metabotropic glutamate receptor 5 ablation accelerates age-related neurodegeneration and neuroinflammation. Neurochemistry International, 2019, 126, 218-228.	3.8	24
24	T-lymphocytes response persists following Plasmodium berghei strain Anka infection resolution and may contribute to later experimental cerebral malaria outcomes. Journal of Neuroimmunology, 2019, 330, 5-11.	2.3	1
25	Synaptic Elimination in Neurological Disorders. Current Neuropharmacology, 2019, 17, 1071-1095.	2.9	63
26	Abnormalities in the Motor Unit of a Fast-Twitch Lower Limb Skeletal Muscle in Huntingtonâ€™s Disease. ASN Neuro, 2019, 11, 175909141988621.	2.7	7
27	NVP-BEZ235 (Dactolisib) Has Protective Effects in a Transgenic Mouse Model of Alzheimerâ€™s Disease. Frontiers in Pharmacology, 2019, 10, 1345.	3.5	14
28	Estradiol effect on short-term object memory under hypocholinergic condition. Brain Research Bulletin, 2018, 140, 411-417.	3.0	6
29	Therapeutic treatment of Zika virus infection using a brain-penetrating antiviral peptide. Nature Materials, 2018, 17, 971-977.	27.5	74
30	Animal Toxins as Therapeutic Tools to Treat Neurodegenerative Diseases. Frontiers in Pharmacology, 2018, 9, 145.	3.5	53
31	The mGluR5 positive allosteric modulator VU0409551 improves synaptic plasticity and memory of a mouse model of Huntington's disease. Journal of Neurochemistry, 2018, 147, 222-239.	3.9	19
32	Thiamine Deficiency Increases Ca2+ Current and CaV1.2 L-type Ca2+ Channel Levels in Cerebellum Granular Neurons. Cellular and Molecular Neurobiology, 2017, 37, 453-460.	3.3	7
33	Antidepressant-like effect of valproic acidâ€”Possible involvement of PI3K/Akt/mTOR pathway. Behavioural Brain Research, 2017, 329, 166-171.	2.2	31
34	N -Methyl- <scp>d</scp> -Aspartate (NMDA) Receptor Blockade Prevents Neuronal Death Induced by Zika Virus Infection. MBio, 2017, 8, .	4.1	70
35	N-type Ca2+ channels are affected by full-length mutant huntingtin expression in a mouse model of Huntington's disease. Neurobiology of Aging, 2017, 55, 1-10.	3.1	24
36	Muscle atrophy is associated with cervical spinal motoneuron loss in BACHD mouse model for Huntington's disease. European Journal of Neuroscience, 2017, 45, 785-796.	2.6	21

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37	Role of Dynein Axonemal Heavy Chain 6 Gene Expression as a Possible Biomarker for Huntingtonâ€™s Disease: a Translational Study. Journal of Molecular Neuroscience, 2017, 63, 342-348.	2.3	4
38	A Neuroprotective Effect of the Glutamate Receptor Antagonist MK801 on Long-Term Cognitive and Behavioral Outcomes Secondary to Experimental Cerebral Malaria. Molecular Neurobiology, 2017, 54, 7063-7082.	4.0	25
39	Metabotropic glutamate receptors and neurodegenerative diseases. Pharmacological Research, 2017, 115, 179-191.	7.1	194
40	Zika Virus Promotes Neuronal Cell Death in a Non-Cell Autonomous Manner by Triggering the Release of Neurotoxic Factors. Frontiers in Immunology, 2017, 8, 1016.	4.8	77
41	Consumption of Diet Containing Free Amino Acids Exacerbates Colitis in Mice. Frontiers in Immunology, 2017, 8, 1587.	4.8	11
42	Animal Models for the Study of Human Neurodegenerative Diseases. , 2017, , 1109-1129.		4
43	mGluR5, CB1 and neuroprotection. Oncotarget, 2017, 8, 3768-3769.	1.8	4
44	Alzheimer's disease: Targeting the Cholinergic System. Current Neuropharmacology, 2016, 14, 101-115.	2.9	988
45	Neuroimmunology of Huntingtonâ€™s Disease: Revisiting Evidence from Human Studies. Mediators of Inflammation, 2016, 2016, 1-10.	3.0	75
46	The Phoneutria nigriventer spider toxin, PnTx4-5-5, promotes neuronal survival by blocking NMDA receptors. Toxicon, 2016, 112, 16-21.	1.6	20
47	Dissecting the Signaling Pathways Involved in the Crosstalk between Metabotropic Glutamate 5 and Cannabinoid Type 1 Receptors. Molecular Pharmacology, 2016, 90, 609-619.	2.3	23
48	Role of Spinophilin in Group I Metabotropic Glutamate Receptor Endocytosis, Signaling, and Synaptic Plasticity. Journal of Biological Chemistry, 2016, 291, 17602-17615.	3.4	23
49	Postictal alterations induced by intrahippocampal injection of pilocarpine in C57BL/6 mice. Epilepsy and Behavior, 2016, 64, 83-89.	1.7	19
50	Neuroprotective effects of the anticancer drug NVP-BEZ235 (dactolisib) on amyloid-Î² 1â€“42 induced neurotoxicity and memory impairment. Scientific Reports, 2016, 6, 25226.	3.3	41
51	Orchestrated activation of mGluR5 and CB1 promotes neuroprotection. Molecular Brain, 2016, 9, 80.	2.6	18
52	Changes in structure and function of diaphragm neuromuscular junctions from BACHD mouse model for Huntington's disease. Neurochemistry International, 2016, 93, 64-72.	3.8	14
53	Ca2+/Calmodulin-dependent protein Kinase II interacts with group I Metabotropic Glutamate and facilitates Receptor Endocytosis and ERK1/2 signaling: role of Î²-Amyloid. Molecular Brain, 2015, 8, 21.	2.6	36
54	The metabotropic glutamate receptor 5 role on motor behavior involves specific neural substrates. Molecular Brain, 2015, 8, 24.	2.6	27

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55	Enhancement of endocannabinoid signaling protects against cocaine-induced neurotoxicity. Toxicology and Applied Pharmacology, 2015, 286, 178-187.	2.8	22
56	The mGluR5 positive allosteric modulator, CDPPB, ameliorates pathology and phenotypic signs of a mouse model of Huntington's disease. Neurobiology of Disease, 2015, 73, 163-173.	4.4	46
57	Metabotropic glutamate receptor 5 knockout promotes motor and biochemical alterations in a mouse model of Huntington's disease. Human Molecular Genetics, 2014, 23, 2030-2042.	2.9	44
58	Metabotropic glutamate receptor 5 as a potential therapeutic target in Huntingtonâ€™s disease. Expert Opinion on Therapeutic Targets, 2014, 18, 1293-1304.	3.4	19
59	Estradiol enhances object recognition memory in Swiss female mice by activating hippocampal estrogen receptor Î±. Neurobiology of Learning and Memory, 2014, 114, 1-9.	1.9	52
60	mGluR5: a potential target for the treatment of Huntington's disease. Future Neurology, 2014, 9, 289-293.	0.5	0
61	Murine model to study brain, behavior and immunity during hepatic encephalopathy. World Journal of Hepatology, 2014, 6, 243.	2.0	16
62	Role of metabotropic glutamate receptor 5 signaling and homer in oxygen glucose deprivation-mediated astrocyte apoptosis. Molecular Brain, 2013, 6, 9.	2.6	35
63	Metabotropic glutamate receptor 5 positive allosteric modulators are neuroprotective in a mouse model of <scp>H</scp>untington's disease. British Journal of Pharmacology, 2013, 169, 909-921.	5.4	61
64	Animal models of neurodegenerative diseases. Revista Brasileira De Psiquiatria, 2013, 35, S82-S91.	1.7	45
65	Rab8 Modulates Metabotropic Glutamate Receptor Subtype 1 Intracellular Trafficking and Signaling in a Protein Kinase C-Dependent Manner. Journal of Neuroscience, 2012, 32, 16933-16942.	3.6	36
66	Kindling alters neurosteroidâ€induced modulation of phasic and tonic GABA_A receptorâ€mediated currents: role of phosphorylation. Journal of Neurochemistry, 2011, 116, 1043-1056.	3.9	29
67	Huntingtonâ€™s Disease and Group I Metabotropic Glutamate Receptors. Molecular Neurobiology, 2011, 43, 1-11.	4.0	47
68	Pyk2 uncouples metabotropic glutamate receptor G protein signaling but facilitates ERK1/2 activation. Molecular Brain, 2010, 3, 4.	2.6	40
69	Group I Metabotropic Glutamate Receptor Signalling and its Implication in Neurological Disease. CNS and Neurological Disorders - Drug Targets, 2010, 9, 574-595.	1.4	136
70	Metabotropic Glutamate Receptor-Mediated Cell Signaling Pathways Are Altered in a Mouse Model of Huntington's Disease. Journal of Neuroscience, 2010, 30, 316-324.	3.6	83
71	Rapid, transient effects of the protein kinase C activator phorbol 12-myristate 13-acetate on activity and trafficking of the rat high-affinity choline transporter. Neuroscience, 2010, 167, 765-773.	2.3	21
72	Phosphorylation-independent Regulation of Metabotropic Glutamate Receptor 5 Desensitization and Internalization by G Protein-coupled Receptor Kinase 2 in Neurons. Journal of Biological Chemistry, 2009, 284, 23444-23453.	3.4	63

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73	Calcineurin Inhibitor Protein (CAIN) Attenuates Group I Metabotropic Glutamate Receptor Endocytosis and Signaling. Journal of Biological Chemistry, 2009, 284, 28986-28994.	3.4	14
74	Neuro-Transmitters in the Central Nervous System & their Implication in Learning and Memory Processes. Current Medicinal Chemistry, 2009, 16, 796-840.	2.4	76
75	Activity and Subcellular Trafficking of the Sodium-Coupled Choline Transporter CHT Is Regulated Acutely by Peroxynitrite. Molecular Pharmacology, 2008, 73, 801-812.	2.3	15
76	SEC14-like protein 1 interacts with cholinergic transporters. Neurochemistry International, 2007, 50, 356-364.	3.8	26
77	Analysis of a missense variant of the human N-formyl peptide receptor that is associated with agonist-independent Î²-arrestin association and indices of inflammation. Pharmacogenomics Journal, 2007, 7, 190-199.	2.0	12
78	Regulated recycling and plasma membrane recruitment of the highâ€affinity choline transporter. European Journal of Neuroscience, 2007, 26, 3437-3448.	2.6	30
79	The "ins" and "outs" of the high-affinity choline transporter CHT1. Journal of Neurochemistry, 2006, 97, 1-12.	3.9	77
80	Constitutive high-affinity choline transporter endocytosis is determined by a carboxyl-terminal tail dileucine motif. Journal of Neurochemistry, 2005, 94, 86-96.	3.9	66
81	The hemicholinium-3 sensitive high affinity choline transporter is internalized by clathrin-mediated endocytosis and is present in endosomes and synaptic vesicles. Journal of Neurochemistry, 2003, 87, 136-146.	3.9	67
82	Trafficking of green fluorescent protein tagged-vesicular acetylcholine transporter to varicosities in a cholinergic cell line. Journal of Neurochemistry, 2001, 78, 1104-1113.	3.9	36