

# Fabã-ola Mara Ribeiro

## List of Publications by Year in descending order

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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	Alzheimer's disease: Targeting the Cholinergic System. <i>Current Neuropharmacology</i> , 2016, 14, 101-115.	2.9	988
2	Metabotropic glutamate receptors and neurodegenerative diseases. <i>Pharmacological Research</i> , 2017, 115, 179-191.	7.1	194
3	Group I Metabotropic Glutamate Receptor Signalling and its Implication in Neurological Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 574-595.	1.4	136
4	Metabotropic Glutamate Receptor-Mediated Cell Signaling Pathways Are Altered in a Mouse Model of Huntington's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 316-324.	3.6	83
5	The "ins" and "outs" of the high-affinity choline transporter CHT1. <i>Journal of Neurochemistry</i> , 2006, 97, 1-12.	3.9	77
6	Zika Virus Promotes Neuronal Cell Death in a Non-Cell Autonomous Manner by Triggering the Release of Neurotoxic Factors. <i>Frontiers in Immunology</i> , 2017, 8, 1016.	4.8	77
7	Neuro-Transmitters in the Central Nervous System & their Implication in Learning and Memory Processes. <i>Current Medicinal Chemistry</i> , 2009, 16, 796-840.	2.4	76
8	Neuroimmunology of Huntington's Disease: Revisiting Evidence from Human Studies. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	3.0	75
9	Therapeutic treatment of Zika virus infection using a brain-penetrating antiviral peptide. <i>Nature Materials</i> , 2018, 17, 971-977.	27.5	74
10	NR1 -Methyl- D-Aspartate (NMDA) Receptor Blockade Prevents Neuronal Death Induced by Zika Virus Infection. <i>MBio</i> , 2017, 8, .	4.1	70
11	The hemicholinium-3 sensitive high affinity choline transporter is internalized by clathrin-mediated endocytosis and is present in endosomes and synaptic vesicles. <i>Journal of Neurochemistry</i> , 2003, 87, 136-146.	3.9	67
12	Constitutive high-affinity choline transporter endocytosis is determined by a carboxyl-terminal tail dileucine motif. <i>Journal of Neurochemistry</i> , 2005, 94, 86-96.	3.9	66
13	Phosphorylation-independent Regulation of Metabotropic Glutamate Receptor 5 Desensitization and Internalization by G Protein-coupled Receptor Kinase 2 in Neurons. <i>Journal of Biological Chemistry</i> , 2009, 284, 23444-23453.	3.4	63
14	Synaptic Elimination in Neurological Disorders. <i>Current Neuropharmacology</i> , 2019, 17, 1071-1095.	2.9	63
15	Metabotropic glutamate receptor 5 positive allosteric modulators are neuroprotective in a mouse model of Huntington's disease. <i>British Journal of Pharmacology</i> , 2013, 169, 909-921.	5.4	61
16	Animal Toxins as Therapeutic Tools to Treat Neurodegenerative Diseases. <i>Frontiers in Pharmacology</i> , 2018, 9, 145.	3.5	53
17	Estradiol enhances object recognition memory in Swiss female mice by activating hippocampal estrogen receptor $\alpha$ . <i>Neurobiology of Learning and Memory</i> , 2014, 114, 1-9.	1.9	52
18	Huntington's Disease and Group I Metabotropic Glutamate Receptors. <i>Molecular Neurobiology</i> , 2011, 43, 1-11.	4.0	47

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19	The mGluR5 positive allosteric modulator, CDPBB, ameliorates pathology and phenotypic signs of a mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2015, 73, 163-173.	4.4	46
20	Animal models of neurodegenerative diseases. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, S82-S91.	1.7	45
21	A $\beta$ oligomers induce pathophysiological mGluR5 signaling in Alzheimer's disease model mice in a sex-selective manner. <i>Science Signaling</i> , 2020, 13, .	3.6	45
22	Metabotropic glutamate receptor 5 knockout promotes motor and biochemical alterations in a mouse model of Huntington's disease. <i>Human Molecular Genetics</i> , 2014, 23, 2030-2042.	2.9	44
23	Neuroprotective effects of the anticancer drug NVP-BEZ235 (dactolisib) on amyloid- $\beta$ 1-42 induced neurotoxicity and memory impairment. <i>Scientific Reports</i> , 2016, 6, 25226.	3.3	41
24	Pyk2 uncouples metabotropic glutamate receptor G protein signaling but facilitates ERK1/2 activation. <i>Molecular Brain</i> , 2010, 3, 4.	2.6	40
25	Trafficking of green fluorescent protein tagged-vesicular acetylcholine transporter to varicosities in a cholinergic cell line. <i>Journal of Neurochemistry</i> , 2001, 78, 1104-1113.	3.9	36
26	Rab8 Modulates Metabotropic Glutamate Receptor Subtype 1 Intracellular Trafficking and Signaling in a Protein Kinase C-Dependent Manner. <i>Journal of Neuroscience</i> , 2012, 32, 16933-16942.	3.6	36
27	Ca <sup>2+</sup> /Calmodulin-dependent protein Kinase II interacts with group I Metabotropic Glutamate and facilitates Receptor Endocytosis and ERK1/2 signaling: role of $\beta$ -Amyloid. <i>Molecular Brain</i> , 2015, 8, 21.	2.6	36
28	Opposing roles of CB <sub>1</sub> and CB <sub>2</sub> cannabinoid receptors in the stimulant and rewarding effects of cocaine. <i>British Journal of Pharmacology</i> , 2019, 176, 1541-1551.	5.4	36
29	Role of metabotropic glutamate receptor 5 signaling and homer in oxygen glucose deprivation-mediated astrocyte apoptosis. <i>Molecular Brain</i> , 2013, 6, 9.	2.6	35
30	Antidepressant-like effect of valproic acid: Possible involvement of PI3K/Akt/mTOR pathway. <i>Behavioural Brain Research</i> , 2017, 329, 166-171.	2.2	31
31	Regulated recycling and plasma membrane recruitment of the high-affinity choline transporter. <i>European Journal of Neuroscience</i> , 2007, 26, 3437-3448.	2.6	30
32	Short and long TNF $\alpha$ exposure recapitulates canonical astrogliosis events in human-induced pluripotent stem cell-derived astrocytes. <i>Glia</i> , 2020, 68, 1396-1409.	4.9	30
33	Kindling alters neurosteroid-induced modulation of phasic and tonic GABA <sub>A</sub> receptor-mediated currents: role of phosphorylation. <i>Journal of Neurochemistry</i> , 2011, 116, 1043-1056.	3.9	29
34	The role of annexin A1 in the modulation of the NLRP3 inflammasome. <i>Immunology</i> , 2020, 160, 78-89.	4.4	29
35	Zika Virus Transmission Through Blood Tissue Barriers. <i>Frontiers in Microbiology</i> , 2019, 10, 1465.	3.5	28
36	The metabotropic glutamate receptor 5 role on motor behavior involves specific neural substrates. <i>Molecular Brain</i> , 2015, 8, 24.	2.6	27

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37	In-depth characterization of congenital Zika syndrome in immunocompetent mice: Antibody-dependent enhancement and an antiviral peptide therapy. <i>EBioMedicine</i> , 2019, 44, 516-529.	6.1	27
38	SEC14-like protein 1 interacts with cholinergic transporters. <i>Neurochemistry International</i> , 2007, 50, 356-364.	3.8	26
39	A Neuroprotective Effect of the Glutamate Receptor Antagonist MK801 on Long-Term Cognitive and Behavioral Outcomes Secondary to Experimental Cerebral Malaria. <i>Molecular Neurobiology</i> , 2017, 54, 7063-7082.	4.0	25
40	Cannabidiol anticonvulsant effect is mediated by the PI3K $\beta$ pathway. <i>Neuropharmacology</i> , 2020, 176, 108156.	4.1	25
41	N-type Ca <sup>2+</sup> channels are affected by full-length mutant huntingtin expression in a mouse model of Huntington's disease. <i>Neurobiology of Aging</i> , 2017, 55, 1-10.	3.1	24
42	Metabotropic glutamate receptor 5 ablation accelerates age-related neurodegeneration and neuroinflammation. <i>Neurochemistry International</i> , 2019, 126, 218-228.	3.8	24
43	Dissecting the Signaling Pathways Involved in the Crosstalk between Metabotropic Glutamate 5 and Cannabinoid Type 1 Receptors. <i>Molecular Pharmacology</i> , 2016, 90, 609-619.	2.3	23
44	Role of Spinophilin in Group I Metabotropic Glutamate Receptor Endocytosis, Signaling, and Synaptic Plasticity. <i>Journal of Biological Chemistry</i> , 2016, 291, 17602-17615.	3.4	23
45	Enhancement of endocannabinoid signaling protects against cocaine-induced neurotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 178-187.	2.8	22
46	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. <i>Neuroscience</i> , 2010, 167, 765-773.	2.3	21
47	Muscle atrophy is associated with cervical spinal motoneuron loss in BACHD mouse model for Huntington's disease. <i>European Journal of Neuroscience</i> , 2017, 45, 785-796.	2.6	21
48	The Phoneutria nigriventer spider toxin, PnTx4-5-5, promotes neuronal survival by blocking NMDA receptors. <i>Toxicon</i> , 2016, 112, 16-21.	1.6	20
49	mGluR5 regulates REST/NRSF signaling through N-cadherin/ $\beta$ -catenin complex in Huntington's disease. <i>Molecular Brain</i> , 2020, 13, 118.	2.6	20
50	Metabotropic glutamate receptor 5 as a potential therapeutic target in Huntington's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 1293-1304.	3.4	19
51	Postictal alterations induced by intrahippocampal injection of pilocarpine in C57BL/6 mice. <i>Epilepsy and Behavior</i> , 2016, 64, 83-89.	1.7	19
52	The mGluR5 positive allosteric modulator VU0409551 improves synaptic plasticity and memory of a mouse model of Huntington's disease. <i>Journal of Neurochemistry</i> , 2018, 147, 222-239.	3.9	19
53	Orchestrated activation of mGluR5 and CB1 promotes neuroprotection. <i>Molecular Brain</i> , 2016, 9, 80.	2.6	18
54	A positive allosteric modulator of mGluR5 promotes neuroprotective effects in mouse models of Alzheimer's disease. <i>Neuropharmacology</i> , 2019, 160, 107785.	4.1	18

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55	Alterations of Calcium Channels in a Mouse Model of Huntington's Disease and Neuroprotection by Blockage of Ca <sub>v</sub> 1 Channels. <i>ASN Neuro</i> , 2019, 11, 175909141985681.	2.7	18
56	Murine model to study brain, behavior and immunity during hepatic encephalopathy. <i>World Journal of Hepatology</i> , 2014, 6, 243.	2.0	16
57	Activity and Subcellular Trafficking of the Sodium-Coupled Choline Transporter CHT Is Regulated Acutely by Peroxynitrite. <i>Molecular Pharmacology</i> , 2008, 73, 801-812.	2.3	15
58	Calcineurin Inhibitor Protein (CAIN) Attenuates Group I Metabotropic Glutamate Receptor Endocytosis and Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 28986-28994.	3.4	14
59	Changes in structure and function of diaphragm neuromuscular junctions from BACHD mouse model for Huntington's disease. <i>Neurochemistry International</i> , 2016, 93, 64-72.	3.8	14
60	NVP-BEZ235 (Dactolisib) Has Protective Effects in a Transgenic Mouse Model of Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 1345.	3.5	14
61	Host Immune Response to ZIKV in an Immunocompetent Embryonic Mouse Model of Intravaginal Infection. <i>Viruses</i> , 2019, 11, 558.	3.3	13
62	Analysis of a missense variant of the human N-formyl peptide receptor that is associated with agonist-independent $\beta$ -arrestin association and indices of inflammation. <i>Pharmacogenomics Journal</i> , 2007, 7, 190-199.	2.0	12
63	Consumption of Diet Containing Free Amino Acids Exacerbates Colitis in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1587.	4.8	11
64	Phoneutria toxin PnTx3-5 inhibits TRPV1 channel with antinociceptive action in an orofacial pain model. <i>Neuropharmacology</i> , 2020, 162, 107826.	4.1	9
65	Negative Modulation of the Metabotropic Glutamate Receptor Type 5 as a Potential Therapeutic Strategy in Obesity and Binge-Like Eating Behavior. <i>Frontiers in Neuroscience</i> , 2021, 15, 631311.	2.8	9
66	7-Deaza-7-fluoro-2'-C-methyladenosine inhibits Zika virus infection and viral-induced neuroinflammation. <i>Antiviral Research</i> , 2020, 180, 104855.	4.1	8
67	Implications of VIP and PACAP in Parkinson's Disease: What do we Know So Far?. <i>Current Medicinal Chemistry</i> , 2021, 28, 1703-1715.	2.4	8
68	Thiamine Deficiency Increases Ca <sup>2+</sup> Current and CaV1.2 L-type Ca <sup>2+</sup> Channel Levels in Cerebellum Granular Neurons. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 453-460.	3.3	7
69	Abnormalities in the Motor Unit of a Fast-Twitch Lower Limb Skeletal Muscle in Huntington's Disease. <i>ASN Neuro</i> , 2019, 11, 175909141988621.	2.7	7
70	Estradiol effect on short-term object memory under hypocholinergic condition. <i>Brain Research Bulletin</i> , 2018, 140, 411-417.	3.0	6
71	High-Throughput Sequencing of BACHD Mice Reveals Upregulation of Neuroprotective miRNAs at the Pre-Symptomatic Stage of Huntington's Disease. <i>ASN Neuro</i> , 2021, 13, 175909142110098.	2.7	6
72	Myo-Inositol Levels in the Dorsal Hippocampus Serve as Glial Prognostic Marker of Mild Cognitive Impairment in Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 731603.	3.4	6

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73	Role of Dynein Axonemal Heavy Chain 6 Gene Expression as a Possible Biomarker for Huntingtonâ€™s Disease: a Translational Study. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 342-348.	2.3	4
74	Animal Models for the Study of Human Neurodegenerative Diseases. , 2017, , 1109-1129.		4
75	Protective role of endocannabinoid signaling in an animal model of haloperidol-induced tardive dyskinesia. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 206, 173193.	2.9	4
76	mGluR5, CB1 and neuroprotection. <i>Oncotarget</i> , 2017, 8, 3768-3769.	1.8	4
77	DYNLT1 gene expression is downregulated in whole blood of patients at different Huntingtonâ€™s disease stages. <i>Neurological Sciences</i> , 2021, 42, 1963-1967.	1.9	3
78	Metabotropic glutamate receptor 5 knockout rescues obesity phenotype in a mouse model of Huntingtonâ€™s disease. <i>Scientific Reports</i> , 2022, 12, 5621.	3.3	3
79	The Implication of Glial Metabotropic Glutamate Receptors in Alzheimerâ€™s Disease. <i>Current Neuropharmacology</i> , 2023, 21, 164-182.	2.9	3
80	mGluR5 ablation leads to age-related synaptic plasticity impairments and does not improve Huntingtonâ€™s disease phenotype. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
81	T-lymphocytes response persists following Plasmodium berghei strain Anka infection resolution and may contribute to later experimental cerebral malaria outcomes. <i>Journal of Neuroimmunology</i> , 2019, 330, 5-11.	2.3	1
82	mGluR5: a potential target for the treatment of Huntington's disease. <i>Future Neurology</i> , 2014, 9, 289-293.	0.5	0