

Claudia Bagni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

5,031
citations

38
h-index

70
g-index

92
ext. papers

5,904
ext. citations

12.3
avg, IF

5.64
L-index

#	Paper	IF	Citations
78	Dendritic autophagy degrades postsynaptic proteins and is required for long-term synaptic depression in mice.. <i>Nature Communications</i> , 2022 , 13, 680	17.4	3
77	Epigenetic switch controls social actions.. <i>Neuron</i> , 2022 , 110, 1085-1087	13.9	
76	Absence of RNA-binding protein FXR2P prevents prolonged phase of kainate-induced seizures. <i>EMBO Reports</i> , 2021 , 22, e51404	6.5	2
75	Stress undermines reward-guided cognitive performance through synaptic depression in the lateral habenula. <i>Neuron</i> , 2021 , 109, 947-956.e5	13.9	11
74	Fragile X mental retardation protein in intrahepatic cholangiocarcinoma: regulating the cancer cell behavior plasticity at the leading edge. <i>Oncogene</i> , 2021 , 40, 4033-4049	9.2	1
73	The Fragile X Mental Retardation Protein Regulates RIPK1 and Colorectal Cancer Resistance to Necroptosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 639-658	7.9	3
72	Adenosine A receptor inhibition reduces synaptic and cognitive hippocampal alterations in Fmr1 KO mice. <i>Translational Psychiatry</i> , 2021 , 11, 112	8.6	4
71	Aralar Sequesters GABA into Hyperactive Mitochondria, Causing Social Behavior Deficits. <i>Cell</i> , 2020 , 180, 1178-1197.e20	56.2	22
70	Conserved Tao Kinase Activity Regulates Dendritic Arborization, Cytoskeletal Dynamics, and Sensory Function in. <i>Journal of Neuroscience</i> , 2020 , 40, 1819-1833	6.6	6
69	Spatial control of nucleoporin condensation by fragile X-related proteins. <i>EMBO Journal</i> , 2020 , 39, e104467	16.7	4
68	Modelling Learning and Memory in Drosophila to Understand Intellectual Disabilities. <i>Neuroscience</i> , 2020 , 445, 12-30	3.9	7
67	Disruption of mTOR and MAPK pathways correlates with severity in idiopathic autism. <i>Translational Psychiatry</i> , 2019 , 9, 50	8.6	50
66	Domain-Specific Cognitive Impairments in Humans and Flies With Reduced CYFIP1 Dosage. <i>Biological Psychiatry</i> , 2019 , 86, 306-314	7.9	6
65	A Synaptic Perspective of Fragile X Syndrome and Autism Spectrum Disorders. <i>Neuron</i> , 2019 , 101, 1070-1088	19.9	102
64	A Light Touch on Sociability. <i>Cell</i> , 2019 , 178, 769-771	56.2	2
63	The autism- and schizophrenia-associated protein CYFIP1 regulates bilateral brain connectivity and behaviour. <i>Nature Communications</i> , 2019 , 10, 3454	17.4	33
62	Detection of antisense protein (ASP) RNA transcripts in individuals infected with human immunodeficiency virus type 1 (HIV-1). <i>Journal of General Virology</i> , 2019 , 100, 863-876	4.9	9

61	Detection of Human Immunodeficiency Virus Type 1 (HIV-1) Antisense Protein (ASP) RNA Transcripts in Patients by Strand-Specific RT-PCR. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	2
60	Protein synthesis levels are increased in a subset of individuals with fragile X syndrome. <i>Human Molecular Genetics</i> , 2018 , 27, 2039-2051	5.6	31
59	Alpha2-Containing Glycine Receptors Promote Neonatal Spontaneous Activity of Striatal Medium Spiny Neurons and Support Maturation of Glutamatergic Inputs. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 380	6.1	4
58	FXS-Like Phenotype in Two Unrelated Patients Carrying a Methylated Premutation of the Gene. <i>Frontiers in Genetics</i> , 2018 , 9, 442	4.5	5
57	Maintenance mechanisms of circuit-integrated axons. <i>Current Opinion in Neurobiology</i> , 2018 , 53, 162-173	7.6	5
56	Impaired GABAergic inhibition in the hippocampus of Fmr1 knockout mice. <i>Neuropharmacology</i> , 2017 , 116, 71-81	5.5	35
55	Mitochondrial dysfunction in Autism Spectrum Disorder: clinical features and perspectives. <i>Current Opinion in Neurobiology</i> , 2017 , 45, 178-187	7.6	67
54	Absence of the Fragile X Mental Retardation Protein results in defects of RNA editing of neuronal mRNAs in mouse. <i>RNA Biology</i> , 2017 , 14, 1580-1591	4.8	30
53	Arc Requires PSD95 for Assembly into Postsynaptic Complexes Involved with Neural Dysfunction and Intelligence. <i>Cell Reports</i> , 2017 , 21, 679-691	10.6	49
52	Cognitive Dysfunctions in Intellectual Disabilities: The Contributions of the Ras-MAPK and PI3K-AKT-mTOR Pathways. <i>Annual Review of Genomics and Human Genetics</i> , 2017 , 18, 115-142	9.7	75
51	The non-coding RNA BC1 regulates experience-dependent structural plasticity and learning. <i>Nature Communications</i> , 2017 , 8, 293	17.4	27
50	The fragile X mental retardation protein regulates tumor invasiveness-related pathways in melanoma cells. <i>Cell Death and Disease</i> , 2017 , 8, e3169	9.8	21
49	Gender Equality from a European Perspective: Myth and Reality. <i>Neuron</i> , 2017 , 96, 721-729	13.9	11
48	Reducing eIF4E-eIF4G interactions restores the balance between protein synthesis and actin dynamics in fragile X syndrome model mice. <i>Science Signaling</i> , 2017 , 10,	8.8	42
47	Mutant HSPB1 causes loss of translational repression by binding to PCBP1, an RNA binding protein with a possible role in neurodegenerative disease. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 5	7.3	18
46	Somatosensory map expansion and altered processing of tactile inputs in a mouse model of fragile X syndrome. <i>Neurobiology of Disease</i> , 2016 , 96, 201-215	7.5	26
45	Cooperativity in RNA-protein interactions: the complex is more than the sum of its partners. <i>Current Opinion in Neurobiology</i> , 2016 , 39, 146-51	7.6	21
44	Clinical and Molecular Assessment in a Female with Fragile X Syndrome and Tuberous Sclerosis 2016 , 5,		1

43	Neurons acetylate their way to migration. <i>EMBO Reports</i> , 2016 , 17, 1674-1676	6.5	
42	Dysregulated ADAM10-Mediated Processing of APP during a Critical Time Window Leads to Synaptic Deficits in Fragile X Syndrome. <i>Neuron</i> , 2015 , 87, 382-98	13.9	49
41	Nuclear accumulation of mRNAs underlies G4C2-repeat-induced translational repression in a cellular model of C9orf72 ALS. <i>Journal of Cell Science</i> , 2015 , 128, 1787-99	5.3	85
40	FXR2P Exerts a Positive Translational Control and Is Required for the Activity-Dependent Increase of PSD95 Expression. <i>Journal of Neuroscience</i> , 2015 , 35, 9402-8	6.6	18
39	Accumulated common variants in the broader fragile X gene family modulate autistic phenotypes. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1565-79	12	32
38	A unique binding mode of the eukaryotic translation initiation factor 4E for guiding the design of novel peptide inhibitors. <i>Protein Science</i> , 2015 , 24, 1370-82	6.3	16
37	MD and Docking Studies Reveal That the Functional Switch of CYFIP1 is Mediated by a Butterfly-like Motion. <i>Journal of Chemical Theory and Computation</i> , 2015 , 11, 3401-10	6.4	16
36	FMRP regulates multipolar to bipolar transition affecting neuronal migration and cortical circuitry. <i>Nature Neuroscience</i> , 2014 , 17, 1693-700	25.5	90
35	Ubiquitin E3 ligase Nedd4-1 acts as a downstream target of PI3K/PTEN-mTORC1 signaling to promote neurite growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13205-10	11.5	51
34	Learning and behavioral deficits associated with the absence of the fragile X mental retardation protein: what a fly and mouse model can teach us. <i>Learning and Memory</i> , 2014 , 21, 543-55	2.8	60
33	SnapShot: FMRP interacting proteins. <i>Cell</i> , 2014 , 159, 218-218.e1	56.2	29
32	SnapShot: FMRP mRNA targets and diseases. <i>Cell</i> , 2014 , 158, 1446-1446.e1	56.2	45
31	Two-stage translational control of dentate gyrus LTP consolidation is mediated by sustained BDNF-TrkB signaling to MNK. <i>Cell Reports</i> , 2014 , 9, 1430-45	10.6	95
30	Molecular dynamics simulations show how the FMRP Ile304Asn mutation destabilizes the KH2 domain structure and affects its function. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014 , 32, 337-350	2.6	17
29	KIF1B transports dendritically localized mRNPs in neurons and is recruited to synapses in an activity-dependent manner. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 335-56	10.3	28
28	CYFIP1 coordinates mRNA translation and cytoskeleton remodeling to ensure proper dendritic spine formation. <i>Neuron</i> , 2013 , 79, 1169-82	13.9	181
27	Fragile X syndrome: From protein function to therapy. <i>American Journal of Medical Genetics, Part A</i> , 2013 , 161A, 2809-21	2.5	72
26	The fragile X protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1523-36	12	78

25	The Fragile X mental retardation protein regulates matrix metalloproteinase 9 mRNA at synapses. <i>Journal of Neuroscience</i> , 2013 , 33, 18234-41	6.6	80
24	The FMRP regulon: from targets to disease convergence. <i>Frontiers in Neuroscience</i> , 2013 , 7, 191	5.1	82
23	Molecular and cellular aspects of mental retardation in the Fragile X syndrome: from gene mutation/s to spine dysmorphogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 970, 517-51	3.6	35
22	Fragile X syndrome: causes, diagnosis, mechanisms, and therapeutics. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4314-22	15.9	203
21	BC1-FMRP interaction is modulated by 2VO-methylation: RNA-binding activity of the tudor domain and translational regulation at synapses. <i>Nucleic Acids Research</i> , 2012 , 40, 4086-96	20.1	48
20	Regulation of molecular pathways in the Fragile X Syndrome: insights into Autism Spectrum Disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2011 , 3, 257-69	4.6	57
19	Differential usage of transcriptional start sites and polyadenylation sites in FMR1 premutation alleles. <i>Nucleic Acids Research</i> , 2011 , 39, 6172-85	20.1	38
18	Identification and Characterization of Protein Complexes from Total Brain and Synaptoneurosomes: Heterogeneity of Molecular Complexes in Distinct Subcellular Domains. <i>Neuromethods</i> , 2011 , 69-79	0.4	
17	Abnormal mGlu 5 receptor/endocannabinoid coupling in mice lacking FMRP and BC1 RNA. <i>Neuropsychopharmacology</i> , 2010 , 35, 1500-9	8.7	84
16	Fragile X mental retardation protein control of neuronal mRNA metabolism: Insights into mRNA stability. <i>Molecular and Cellular Neurosciences</i> , 2010 , 43, 43-50	4.8	96
15	Signals, synapses, and synthesis: how new proteins control plasticity. <i>Frontiers in Neural Circuits</i> , 2009 , 3, 14	3.5	43
14	Dendritic LSm1/CBP80-mRNPs mark the early steps of transport commitment and translational control. <i>Journal of Cell Biology</i> , 2009 , 184, 423-35	7.3	51
13	Abnormal striatal GABA transmission in the mouse model for the fragile X syndrome. <i>Biological Psychiatry</i> , 2008 , 63, 963-73	7.9	132
12	The fragile X syndrome protein represses activity-dependent translation through CYFIP1, a new 4E-BP. <i>Cell</i> , 2008 , 134, 1042-54	56.2	442
11	A new function for the fragile X mental retardation protein in regulation of PSD-95 mRNA stability. <i>Nature Neuroscience</i> , 2007 , 10, 578-87	25.5	289
10	The brain cytoplasmic RNA BC1 regulates dopamine D2 receptor-mediated transmission in the striatum. <i>Journal of Neuroscience</i> , 2007 , 27, 8885-92	6.6	43
9	The fragile X mental retardation protein-RNP granules show an mGluR-dependent localization in the post-synaptic spines. <i>Molecular and Cellular Neurosciences</i> , 2007 , 34, 343-54	4.8	93
8	mRNPs, polysomes or granules: FMRP in neuronal protein synthesis. <i>Current Opinion in Neurobiology</i> , 2006 , 16, 265-9	7.6	112

7	From mRNP trafficking to spine dysmorphogenesis: the roots of fragile X syndrome. <i>Nature Reviews Neuroscience</i> , 2005 , 6, 376-87	13.5	386
6	Enriched environment promotes behavioral and morphological recovery in a mouse model for the fragile X syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 11557-62	11.5	231
5	Fragile X mental retardation protein (FMRP) binds specifically to the brain cytoplasmic RNAs BC1/BC200 via a novel RNA-binding motif. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33403-10	5.4	108
4	The fragile X syndrome protein FMRP associates with BC1 RNA and regulates the translation of specific mRNAs at synapses. <i>Cell</i> , 2003 , 112, 317-27	56.2	553
3	Dissecting FMR1, the protein responsible for fragile X syndrome, in its structural and functional domains. <i>Rna</i> , 1999 , 5, 1248-58	5.8	65
2	Gar1p binds to the small nucleolar RNAs snR10 and snR30 in vitro through a nontypical RNA binding element. <i>Journal of Biological Chemistry</i> , 1998 , 273, 10868-73	5.4	46
1	The autism and schizophrenia-associated protein CYFIP1 regulates bilateral brain connectivity		3