

Marcello D'Amelio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/730172/publications.pdf>

Version: 2024-02-01

87
papers

13,941
citations

87723

38
h-index

66788

78
g-index

91
all docs

91
docs citations

91
times ranked

27889
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008, 10, 676-687.	4.6	1,025
4	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 2011, 14, 69-76.	7.1	479
5	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 155-168.	2.3	432
6	Neuronal caspase-3 signaling: not only cell death. <i>Cell Death and Differentiation</i> , 2010, 17, 1104-1114.	5.0	368
7	Inflammation Triggers Synaptic Alteration and Degeneration in Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2009, 29, 3442-3452.	1.7	331
8	Dopamine neuronal loss contributes to memory and reward dysfunction in a model of Alzheimer's disease. <i>Nature Communications</i> , 2017, 8, 14727.	5.8	308
9	A dual role of p53 in the control of autophagy. <i>Autophagy</i> , 2008, 4, 810-814.	4.3	296
10	Caspase-3 in the central nervous system: beyond apoptosis. <i>Trends in Neurosciences</i> , 2012, 35, 700-709.	4.2	195
11	A β Toxicity in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 45, 366-378.	1.9	134
12	Blunting neuroinflammation with resolvin D1 prevents early pathology in a rat model of Parkinson's disease. <i>Nature Communications</i> , 2019, 10, 3945.	5.8	127
13	Brain excitability and connectivity of neuronal assemblies in Alzheimer's disease: From animal models to human findings. <i>Progress in Neurobiology</i> , 2012, 99, 42-60.	2.8	124
14	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. <i>Molecular Cell</i> , 2007, 28, 624-637.	4.5	116
15	Paraoxonase gene variants are associated with autism in North America, but not in Italy: possible regional specificity in gene-environment interactions. <i>Molecular Psychiatry</i> , 2005, 10, 1006-1016.	4.1	115
16	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014, 155, 93-107.	2.0	98
17	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. <i>Autophagy</i> , 2012, 8, 222-235.	4.3	91
18	Epilepsy, amyloid- β , and D1 dopamine receptors: a possible pathogenetic link?. <i>Neurobiology of Aging</i> , 2016, 48, 161-171.	1.5	71

#	ARTICLE	IF	CITATIONS
19	Interactions between neuroactive steroids and reelin haploinsufficiency in Purkinje cell survival. <i>Neurobiology of Disease</i> , 2009, 36, 103-115.	2.1	70
20	Mutations in the <i>TMPRSS3</i> gene are a rare cause of childhood nonsyndromic deafness in Caucasian patients. <i>Journal of Molecular Medicine</i> , 2002, 80, 124-131.	1.7	65
21	The role of dopaminergic midbrain in Alzheimer's disease: Translating basic science into clinical practice. <i>Pharmacological Research</i> , 2018, 130, 414-419.	3.1	64
22	Matter of Life and Death: the Pharmacological Approaches Targeting Apoptosis in Brain Diseases. <i>Current Pharmaceutical Design</i> , 2011, 17, 215-229.	0.9	61
23	Insulin Receptor β -Subunit Haploinsufficiency Impairs Hippocampal Late-Phase LTP and Recognition Memory. <i>NeuroMolecular Medicine</i> , 2012, 14, 262-269.	1.8	58
24	In vivo mapping of brainstem nuclei functional connectivity disruption in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 72, 72-82.	1.5	58
25	Acute focal brain damage alters mitochondrial dynamics and autophagy in axotomized neurons. <i>Cell Death and Disease</i> , 2014, 5, e1545-e1545.	2.7	57
26	Early Biochemical and Morphological Modifications in the Brain of a Transgenic Mouse Model of Alzheimer's Disease: A Role for Peroxisomes. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 935-952.	1.2	56
27	Age-dependent roles of peroxisomes in the hippocampus of a transgenic mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2013, 8, 8.	4.4	53
28	CREB is necessary for synaptic maintenance and learning-induced changes of the ampa receptor GluA1 subunit. <i>Hippocampus</i> , 2013, 23, 488-499.	0.9	52
29	Dopamine loss alters the hippocampus-nucleus accumbens synaptic transmission in the Tg2576 mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2018, 116, 142-154.	2.1	50
30	Unifying Hypothesis of Dopamine Neuron Loss in Neurodegenerative Diseases: Focusing on Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 123.	1.4	49
31	Conditional activation of Pax6 in the developing cortex of transgenic mice causes progenitor apoptosis. <i>Development (Cambridge)</i> , 2007, 134, 1311-1322.	1.2	48
32	The Apoptosome: Emerging Insights and New Potential Targets for Drug Design. <i>Pharmaceutical Research</i> , 2008, 25, 740-751.	1.7	46
33	On the properties of identified dopaminergic neurons in the mouse substantia nigra and ventral tegmental area. <i>European Journal of Neuroscience</i> , 2017, 45, 92-105.	1.2	46
34	Nilotinib restores memory function by preventing dopaminergic neuron degeneration in a mouse model of Alzheimer's Disease. <i>Progress in Neurobiology</i> , 2021, 202, 102031.	2.8	46
35	Calcineurin Inhibition Rescues Early Synaptic Plasticity Deficits in a Mouse Model of Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2013, 15, 541-548.	1.8	45
36	<i>RGS9</i> rescues dopamine D2 receptor levels and signaling in <i>DYT1</i> dystonia mouse models. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	44

#	ARTICLE	IF	CITATIONS
37	A New Transgenic Mouse Model for Studying the Neurotoxicity of Spermine Oxidase Dosage in the Response to Excitotoxic Injury. <i>PLoS ONE</i> , 2013, 8, e64810.	1.1	43
38	Neuroprotective effects of donepezil against cholinergic depletion. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 50.	3.0	42
39	Presynaptic c-Jun N-terminal Kinase 2 regulates NMDA receptor-dependent glutamate release. <i>Scientific Reports</i> , 2015, 5, 9035.	1.6	41
40	Key Role of Mitochondria in Alzheimer's Disease Synaptic Dysfunction. <i>Current Pharmaceutical Design</i> , 2013, 19, 6440-6450.	0.9	41
41	Autophagy Inhibition Favors Survival of Rubrospinal Neurons After Spinal Cord Hemisection. <i>Molecular Neurobiology</i> , 2017, 54, 4896-4907.	1.9	38
42	Neuregulin 1 signalling modulates mGluR1 function in mesencephalic dopaminergic neurons. <i>Molecular Psychiatry</i> , 2015, 20, 959-973.	4.1	36
43	Functional alterations of the dopaminergic and glutamatergic systems in spontaneous β -synuclein overexpressing rats. <i>Experimental Neurology</i> , 2017, 287, 21-33.	2.0	34
44	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018, 47, 592-607.e6.	3.1	34
45	Persistent elevation of D-Aspartate enhances NMDA receptor-mediated responses in mouse substantia nigra pars compacta dopamine neurons. <i>Neuropharmacology</i> , 2016, 103, 69-78.	2.0	33
46	Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. <i>NeuroMolecular Medicine</i> , 2016, 18, 50-68.	1.8	32
47	Passive immunotherapy for N-truncated tau ameliorates the cognitive deficits in two mouse Alzheimer's disease models. <i>Brain Communications</i> , 2020, 2, fcaa039.	1.5	29
48	In vivo human molecular neuroimaging of dopaminergic vulnerability along the Alzheimer's disease phases. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 187.	3.0	29
49	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 7921-7940.	1.9	28
50	The "Janus-Faced Role" of Autophagy in Neuronal Sickness: Focus on Neurodegeneration. <i>Molecular Neurobiology</i> , 2012, 46, 513-521.	1.9	27
51	SAM68 is a physiological regulator of SMN2 splicing in spinal muscular atrophy. <i>Journal of Cell Biology</i> , 2015, 211, 77-90.	2.3	25
52	Neuregulin 1/ErbB signalling modulates hippocampal mGluR1-dependent LTD and object recognition memory. <i>Pharmacological Research</i> , 2018, 130, 12-24.	3.1	21
53	Hippocampal epileptogenesis in autoimmune encephalitis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2261-2269.	1.7	20
54	Ventral Tegmental Area in Prodromal Alzheimer's Disease: Bridging the Gap between Mice and Humans. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 181-183.	1.2	19

#	ARTICLE	IF	CITATIONS
55	Behavioral, neuromorphological, and neurobiochemical effects induced by omega-3 fatty acids following basal forebrain cholinergic depletion in aged mice. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 150.	3.0	16
56	Targeting autophagy as a therapeutic strategy to prevent dopamine neuron loss in early stages of Alzheimer disease. <i>Autophagy</i> , 2021, 17, 1278-1280.	4.3	16
57	Ventral Tegmental Area Disconnection Contributes Two Years Early to Correctly Classify Patients Converted to Alzheimer's Disease: Implications for Treatment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 985-1000.	1.2	16
58	Early derailment of firing properties in CA1 pyramidal cells of the ventral hippocampus in an Alzheimer's disease mouse model. <i>Experimental Neurology</i> , 2022, 350, 113969.	2.0	16
59	Unlocking the secrets of dopamine in Alzheimer's Disease. <i>Pharmacological Research</i> , 2018, 128, 399.	3.1	15
60	Computational Modeling of Catecholamines Dysfunction in Alzheimer's Disease at Pre-Plaque Stage. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 275-290.	1.2	15
61	Pleiotropic neuropathological and biochemical alterations associated with Myo5a mutation in a rat Model. <i>Brain Research</i> , 2018, 1679, 155-170.	1.1	14
62	Neurodevelopmental Disorders: Functional Role of Ambra1 in Autism and Schizophrenia. <i>Molecular Neurobiology</i> , 2019, 56, 6716-6724.	1.9	14
63	Neuroprotective Role of Dietary Supplementation with Omega-3 Fatty Acids in the Presence of Basal Forebrain Cholinergic Neurons Degeneration in Aged Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1741.	1.8	14
64	Cisd2: a promising new target in Alzheimer's disease. <i>Journal of Pathology</i> , 2020, 251, 113-116.	2.1	14
65	Faf1 is expressed during neurodevelopment and is involved in Apaf1-dependent caspase-3 activation in proneural cells. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 1780-1790.	2.4	11
66	Ventral tegmental area disruption in Alzheimer's disease. <i>Aging</i> , 2019, 11, 1325-1326.	1.4	11
67	Age-Related Changes of Hippocampal Synaptic Plasticity in β APP-Null Mice are Restored by NGF Through p75NTR. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 265-272.	1.2	11
68	A novel player in the p53-mediated autophagy: Sestrin2. <i>Cell Cycle</i> , 2009, 8, 1466-1470.	1.3	10
69	Restoration of ER proteostasis attenuates remote apoptotic cell death after spinal cord injury by reducing autophagosome overload. <i>Cell Death and Disease</i> , 2022, 13, 381.	2.7	10
70	Transmission disequilibrium study of an oligodendrocyte and myelin glycoprotein gene allele in 431 families with an autistic proband. <i>Neuroscience Research</i> , 2007, 59, 426-430.	1.0	8
71	Transient upregulation of translational efficiency in prodromal and early symptomatic Tg2576 mice contributes to β pathology. <i>Neurobiology of Disease</i> , 2020, 139, 104787.	2.1	8
72	Chronic Lithium Treatment in a Rat Model of Basal Forebrain Cholinergic Depletion: Effects on Memory Impairment and Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1505-1518.	1.2	7

#	ARTICLE	IF	CITATIONS
73	Ventral tegmental area dysfunction affects decision-making in patients with myotonic dystrophy type-1. <i>Cortex</i> , 2020, 128, 192-202.	1.1	7
74	A novel player in the p53-mediated autophagy: Sestrin2. <i>Cell Cycle</i> , 2009, 8, 1467.	1.3	7
75	Sam68 splicing regulation contributes to motor unit establishment in the postnatal skeletal muscle. <i>Life Science Alliance</i> , 2020, 3, .	1.3	4
76	Chapter 15 Analysis of Neuronal Cell Death in Mammals. <i>Methods in Enzymology</i> , 2008, 446, 259-276.	0.4	3
77	Physiological and Pathological Role of Apoptosis. , 2010, , 1-26.		3
78	Effects of Anti-NMDA Antibodies on Functional Recovery and Synaptic Rearrangement Following Hemicerebellectomy. <i>NeuroMolecular Medicine</i> , 2016, 18, 190-202.	1.8	2
79	Editorial Thematic Issue: Targeting Synaptic Dysfunction and Neural Connectivity in Neurological and Psychiatric Disorders. <i>Current Pharmaceutical Design</i> , 2013, 19, 6391-6392.	0.9	1
80	Imaging dopamine system transporter activity and connectivity in Alzheimer's dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e043304.	0.4	1
81	Role of Autophagy in Brain Sculpture: Physiological and Pathological Implications. , 2016, , 203-234.		1
82	Apoptosome Pharmacological Manipulation: From Current Developments in the Laboratory to Clinical Implications. , 2010, , 271-281.		0
83	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. <i>Molecular Cell</i> , 2012, 48, 322-324.	4.5	0
84	A new transgenic mouse model for studying the neurotoxicity of spermine oxidase dosage in the response to excitotoxic injury. <i>Molecular Neurodegeneration</i> , 2013, 8, P4.	4.4	0
85	Autophagy Mechanisms for Brain Recovery. Keep It Clean, Keep It Alive. <i>Contemporary Clinical Neuroscience</i> , 2017, , 35-53.	0.3	0
86	Extra-striatal dopaminergic and serotonergic pathways in Alzheimer's disease: A 123 I-β-CIT study. <i>Alzheimer's and Dementia</i> , 2020, 16, e041317.	0.4	0
87	Ventral tegmental area disconnection contributes two years early to correctly classify patients converted to Alzheimer's disease: Implications for treatment. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117784.	0.3	0