

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Extrastriatal 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 |
| 11 | Imaging dopamine system transporter activity and connectivity in Alzheimer's dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e043304. | 0.4 | 1 |
| 12 | 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 |
| 13 | Cisd2: a promising new target in Alzheimer's disease. <i>Journal of Pathology</i> , 2020, 251, 113-116. | 2.1 | 14 |
| 14 | Transient upregulation of translational efficiency in prodromal and early symptomatic Tg2576 mice contributes to Aβ pathology. <i>Neurobiology of Disease</i> , 2020, 139, 104787. | 2.1 | 8 |
| 15 | 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 |
| 16 | Ventral tegmental area dysfunction affects decision-making in patients with myotonic dystrophy type-1. <i>Cortex</i> , 2020, 128, 192-202. | 1.1 | 7 |
| 17 | Sam68 splicing regulation contributes to motor unit establishment in the postnatal skeletal muscle. <i>Life Science Alliance</i> , 2020, 3, . | 1.3 | 4 |
| 18 | Hippocampal epileptogenesis in autoimmune encephalitis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2261-2269. | 1.7 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Neurodevelopmental Disorders: Functional Role of Ambra1 in Autism and Schizophrenia. <i>Molecular Neurobiology</i> , 2019, 56, 6716-6724. | 1.9 | 14 |
| 22 | RGS9-2 rescues dopamine D2 receptor levels and signaling in DYT1 dystonia mouse models. <i>EMBO Molecular Medicine</i> , 2019, 11, . | 3.3 | 44 |
| 23 | Ventral tegmental area disruption in Alzheimer's disease. <i>Aging</i> , 2019, 11, 1325-1326. | 1.4 | 11 |
| 24 | Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 7921-7940. | 1.9 | 28 |
| 25 | 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 |
| 26 | 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 |
| 27 | Neuregulin 1/ErbB signalling modulates hippocampal mGluR1-dependent LTD and object recognition memory. <i>Pharmacological Research</i> , 2018, 130, 12-24. | 3.1 | 21 |
| 28 | Unlocking the secrets of dopamine in Alzheimer's Disease. <i>Pharmacological Research</i> , 2018, 128, 399. | 3.1 | 15 |
| 29 | Pleiotropic neuropathological and biochemical alterations associated with Myo5a mutation in a rat Model. <i>Brain Research</i> , 2018, 1679, 155-170. | 1.1 | 14 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Autophagy Mechanisms for Brain Recovery. Keep It Clean, Keep It Alive. <i>Contemporary Clinical Neuroscience</i> , 2017, , 35-53. | 0.3 | 0 |
| 36 | Functional alterations of the dopaminergic and glutamatergic systems in spontaneous α -synuclein overexpressing rats. <i>Experimental Neurology</i> , 2017, 287, 21-33. | 2.0 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Autophagy Inhibition Favors Survival of Rubrospinal Neurons After Spinal Cord Hemisection. <i>Molecular Neurobiology</i> , 2017, 54, 4896-4907. | 1.9 | 38 |
| 38 | 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 |
| 39 | Effects of Anti-NMDA Antibodies on Functional Recovery and Synaptic Rearrangement Following Hemicerebellectomy. <i>NeuroMolecular Medicine</i> , 2016, 18, 190-202. | 1.8 | 2 |
| 40 | Epilepsy, amyloid- β^2 , and D1 dopamine receptors: a possible pathogenetic link?. <i>Neurobiology of Aging</i> , 2016, 48, 161-171. | 1.5 | 71 |
| 41 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 4.3 | 4,701 |
| 42 | Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. <i>NeuroMolecular Medicine</i> , 2016, 18, 50-68. | 1.8 | 32 |
| 43 | 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 |
| 44 | Role of Autophagy in Brain Sculpture: Physiological and Pathological Implications. , 2016, , 203-234. | | 1 |
| 45 | Presynaptic c-Jun N-terminal Kinase 2 regulates NMDA receptor-dependent glutamate release. <i>Scientific Reports</i> , 2015, 5, 9035. | 1.6 | 41 |
| 46 | 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 |
| 47 | Neuregulin 1 signalling modulates mGluR1 function in mesencephalic dopaminergic neurons. <i>Molecular Psychiatry</i> , 2015, 20, 959-973. | 4.1 | 36 |
| 48 | 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 |
| 49 | Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014, 155, 93-107. | 2.0 | 98 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Neuroprotective effects of donepezil against cholinergic depletion. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 50. | 3.0 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Key Role of Mitochondria in Alzheimer's Disease Synaptic Dysfunction. <i>Current Pharmaceutical Design</i> , 2013, 19, 6440-6450. | 0.9 | 41 |
| 58 | 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 |
| 59 | Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. <i>Molecular Cell</i> , 2012, 48, 322-324. | 4.5 | 0 |
| 60 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 61 | Caspase-3 in the central nervous system: beyond apoptosis. <i>Trends in Neurosciences</i> , 2012, 35, 700-709. | 4.2 | 195 |
| 62 | 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 |
| 63 | Insulin Receptor β -Subunit Haploinsufficiency Impairs Hippocampal Late-Phase LTP and Recognition Memory. <i>NeuroMolecular Medicine</i> , 2012, 14, 262-269. | 1.8 | 58 |
| 64 | The "Janus-Faced Role" of Autophagy in Neuronal Sickness: Focus on Neurodegeneration. <i>Molecular Neurobiology</i> , 2012, 46, 513-521. | 1.9 | 27 |
| 65 | $A\beta$ Toxicity in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 45, 366-378. | 1.9 | 134 |
| 66 | Age-Related Changes of Hippocampal Synaptic Plasticity in $A\beta$ PP-Null Mice are Restored by NGF Through p75NTR. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 265-272. | 1.2 | 11 |
| 67 | 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 |
| 68 | 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 |
| 69 | Physiological and Pathological Role of Apoptosis. , 2010, , 1-26. | | 3 |
| 70 | Apoptosome Pharmacological Manipulation: From Current Developments in the Laboratory to Clinical Implications. , 2010, , 271-281. | | 0 |
| 71 | Neuronal caspase-3 signaling: not only cell death. <i>Cell Death and Differentiation</i> , 2010, 17, 1104-1114. | 5.0 | 368 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Inflammation Triggers Synaptic Alteration and Degeneration in Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2009, 29, 3442-3452. | 1.7 | 331 |
| 74 | A novel player in the p53-mediated autophagy: Sestrin2. <i>Cell Cycle</i> , 2009, 8, 1466-1470. | 1.3 | 10 |
| 75 | Interactions between neuroactive steroids and reelin haploinsufficiency in Purkinje cell survival. <i>Neurobiology of Disease</i> , 2009, 36, 103-115. | 2.1 | 70 |
| 76 | 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 |
| 77 | A novel player in the p53-mediated autophagy: Sestrin2. <i>Cell Cycle</i> , 2009, 8, 1467. | 1.3 | 7 |
| 78 | The Apoptosome: Emerging Insights and New Potential Targets for Drug Design. <i>Pharmaceutical Research</i> , 2008, 25, 740-751. | 1.7 | 46 |
| 79 | 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 |
| 80 | Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008, 10, 676-687. | 4.6 | 1,025 |
| 81 | Chapter 15 Analysis of Neuronal Cell Death in Mammals. <i>Methods in Enzymology</i> , 2008, 446, 259-276. | 0.4 | 3 |
| 82 | A dual role of p53 in the control of autophagy. <i>Autophagy</i> , 2008, 4, 810-814. | 4.3 | 296 |
| 83 | 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 |
| 84 | Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. <i>Molecular Cell</i> , 2007, 28, 624-637. | 4.5 | 116 |
| 85 | 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 |
| 86 | 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 |
| 87 | Mutations in the Tmprss3 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 |