

# Davide D'Amico

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6463100/publications.pdf>

Version: 2024-02-01

21  
papers

3,094  
citations

430754

18  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

5402  
citing authors

#	ARTICLE	IF	CITATIONS
1	NAD <sup>+</sup> repletion improves mitochondrial and stem cell function and enhances life span in mice. <i>Science</i> , 2016, 352, 1436-1443.	6.0	907
2	Multi-omics analysis identifies ATF4 as a key regulator of the mitochondrial stress response in mammals. <i>Journal of Cell Biology</i> , 2017, 216, 2027-2045.	2.3	590
3	Enhancing mitochondrial proteostasis reduces amyloid- $\beta$ proteotoxicity. <i>Nature</i> , 2017, 552, 187-193.	13.7	471
4	Impact of the Natural Compound Urolithin A on Health, Disease, and Aging. <i>Trends in Molecular Medicine</i> , 2021, 27, 687-699.	3.5	166
5	Gli1/ DNA interaction is a druggable target for Hedgehog-dependent tumors. <i>EMBO Journal</i> , 2015, 34, 200-217.	3.5	147
6	The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. <i>Molecular Cell</i> , 2019, 73, 775-787.e10.	4.5	100
7	Cytosolic Proteostasis Networks of the Mitochondrial Stress Response. <i>Trends in Biochemical Sciences</i> , 2017, 42, 712-725.	3.7	99
8	Urolithin A improves muscle function by inducing mitophagy in muscular dystrophy. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	93
9	Non-canonical Hedgehog/AMPK-Mediated Control of Polyamine Metabolism Supports Neuronal and Medulloblastoma Cell Growth. <i>Developmental Cell</i> , 2015, 35, 21-35.	3.1	62
10	Gli2 Acetylation at Lysine 757 Regulates Hedgehog-Dependent Transcriptional Output by Preventing Its Promoter Occupancy. <i>PLoS ONE</i> , 2013, 8, e65718.	1.1	61
11	Effect of Urolithin A Supplementation on Muscle Endurance and Mitochondrial Health in Older Adults. <i>JAMA Network Open</i> , 2022, 5, e2144279.	2.8	61
12	Urolithin A improves muscle strength, exercise performance, and biomarkers of mitochondrial health in a randomized trial in middle-aged adults. <i>Cell Reports Medicine</i> , 2022, 3, 100633.	3.3	55
13	Parkin functionally interacts with PGC-1 $\beta$ to preserve mitochondria and protect dopaminergic neuron. <i>Human Molecular Genetics</i> , 2017, 26, ddw418.	1.4	50
14	Urolithin A improves mitochondrial health, reduces cartilage degeneration, and alleviates pain in osteoarthritis. <i>Aging Cell</i> , 2022, 21, .	3.0	46
15	Druggable glycolytic requirement for Hedgehog-dependent neuronal and medulloblastoma growth. <i>Cell Cycle</i> , 2014, 13, 3404-3413.	1.3	44
16	The energy sensor AMPK regulates Hedgehog signaling in human cells through a unique Gli1 metabolic checkpoint. <i>Oncotarget</i> , 2016, 7, 9538-9549.	0.8	40
17	Direct supplementation with Urolithin A overcomes limitations of dietary exposure and gut microbiome variability in healthy adults to achieve consistent levels across the population. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 297-308.	1.3	38
18	Mitogen-activated kinase kinase kinase 1 inhibits hedgehog signaling and medulloblastoma growth through GLI1 phosphorylation. <i>International Journal of Oncology</i> , 2019, 54, 505-514.	1.4	19

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19	CNBP regulates wing development in <i>Drosophila melanogaster</i> by promoting IRES-dependent translation of dMyc. <i>Cell Cycle</i> , 2014, 13, 434-439.	1.3	17
20	Tetracycline-induced mitohormesis mediates disease tolerance against influenza. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	15
21	Translating Hedgehog in Cancer: Controlling Protein Synthesis. <i>Trends in Molecular Medicine</i> , 2016, 22, 851-862.	3.5	13