Davide D'Amico

List of Publications by Year
in descending order

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	Direct supplementation with Urolithin A overcomes limitations of dietary exposure and gut microbiome variability in healthy adults to achieve consistent levels across the population. European Journal of Clinical Nutrition, 2022, 76, 297-308.	1.3	38
2	Effect of Urolithin A Supplementation on Muscle Endurance and Mitochondrial Health in Older Adults. JAMA Network Open, 2022, 5, e2144279.	2.8	61
3	Urolithin A improves muscle strength, exercise performance, and biomarkers of mitochondrial health in a randomized trial in middle-aged adults. Cell Reports Medicine, 2022, 3, 100633.	3.3	55
4	Tetracycline-induced mitohormesis mediates disease tolerance against influenza. Journal of Clinical Investigation, 2022, 132, .	3.9	15
5	Urolithin A improves mitochondrial health, reduces cartilage degeneration, and alleviates pain in osteoarthritis. Aging Cell, 2022, 21, .	3.0	46
6	Urolithin A improves muscle function by inducing mitophagy in muscular dystrophy. Science Translational Medicine, 2021, 13, .	5.8	93
7	Impact of the Natural Compound Urolithin A on Health, Disease, and Aging. Trends in Molecular Medicine, 2021, 27, 687-699.	3.5	166
8	Mitogen-activated kinase kinase kinase 1 inhibits hedgehog signaling and medulloblastoma growth through GLI1 phosphorylation. International Journal of Oncology, 2019, 54, 505-514.	1.4	19
9	The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. Molecular Cell, 2019, 73, 775-787.e10.	4.5	100
10	Parkin functionally interacts with PGC-1Î± to preserve mitochondria and protect dopaminergic neurons. Human Molecular Genetics, 2017, 26, ddw418.	1.4	50
11	Cytosolic Proteostasis Networks of the Mitochondrial Stress Response. Trends in Biochemical Sciences, 2017, 42, 712-725.	3.7	99
12	Multi-omics analysis identifies ATF4 as a key regulator of the mitochondrial stress response in mammals. Journal of Cell Biology, 2017, 216, 2027-2045.	2.3	590
13	Enhancing mitochondrial proteostasis reduces amyloid-Î² proteotoxicity. Nature, 2017, 552, 187-193.	13.7	471
14	NAD ⁺ repletion improves mitochondrial and stem cell function and enhances life span in mice. Science, 2016, 352, 1436-1443.	6.0	907
15	Translating Hedgehog in Cancer: Controlling Protein Synthesis. Trends in Molecular Medicine, 2016, 22, 851-862.	3.5	13
16	The energy sensor AMPK regulates Hedgehog signaling in human cells through a unique Gli1 metabolic checkpoint. Oncotarget, 2016, 7, 9538-9549.	0.8	40
17	Gli1/ <scp>DNA</scp> interaction is a druggable target for Hedgehogâ€dependent tumors. EMBO Journal, 2015, 34, 200-217.	3.5	147
18	Non-canonical Hedgehog/AMPK-Mediated Control of Polyamine Metabolism Supports Neuronal and Medulloblastoma Cell Growth. Developmental Cell, 2015, 35, 21-35.	3.1	62

#	Article	IF	Citations
19	CNBP regulates wing development inDrosophila melanogasterby promoting IRES-dependent translation of dMyc. Cell Cycle, 2014, 13, 434-439.	1.3	17
20	Druggable glycolytic requirement for Hedgehog-dependent neuronal and medulloblastoma growth. Cell Cycle, 2014, 13, 3404-3413.	1.3	44
21	Gli2 Acetylation at Lysine 757 Regulates Hedgehog-Dependent Transcriptional Output by Preventing Its Promoter Occupancy. PLoS ONE, 2013, 8, e65718.	1.1	61