

Andrea Di Francesco

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,136
citations

346980

22
h-index

445137

33
g-index

41
all docs

41
docs citations

41
times ranked

4242
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex- and strain-specific effects of mitochondrial uncoupling on age-related metabolic diseases in high-fat diet-fed mice. <i>Aging Cell</i> , 2022, 21, e13539.	3.0	11
2	Automated, high-dimensional evaluation of physiological aging and resilience in outbred mice. <i>ELife</i> , 2022, 11, .	2.8	8
3	A redox-mediated conformational change in NQO1 controls binding to microtubules and α -tubulin acetylation. <i>Redox Biology</i> , 2021, 39, 101840.	3.9	19
4	Impact of large granular lymphocyte leukemia on blood DNA methylation and epigenetic clock modeling in Fischer 344 rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	1.7	3
5	NQO1 protects obese mice through improvements in glucose and lipid metabolism. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 13.	4.5	20
6	Disulfiram Treatment Normalizes Body Weight in Obese Mice. <i>Cell Metabolism</i> , 2020, 32, 203-214.e4.	7.2	46
7	A rat epigenetic clock recapitulates phenotypic aging and co-localizes with heterochromatin. <i>ELife</i> , 2020, 9, .	2.8	36
8	Benefits of Caloric Restriction in Longevity and Chemical-Induced Tumorigenesis Are Transmitted Independent of NQO1. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 155-162.	1.7	15
9	Iron-Dependent Trafficking of 5-Lipoxygenase and Impact on Human Macrophage Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1347.	2.2	39
10	ADCK2 Haploinsufficiency Reduces Mitochondrial Lipid Oxidation and Causes Myopathy Associated with CoQ Deficiency. <i>Journal of Clinical Medicine</i> , 2019, 8, 1374.	1.0	27
11	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. <i>Cell Metabolism</i> , 2018, 27, 667-676.e4.	7.2	242
12	Intermittent mTOR Inhibition Reverses Kidney Aging in Old Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 843-844.	1.7	11
13	Regulation of gene transcription in bipolar disorders: Role of DNA methylation in the relationship between prodynorphin and brain derived neurotrophic factor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 314-321.	2.5	26
14	A time to fast. <i>Science</i> , 2018, 362, 770-775.	6.0	339
15	YoYo Dieting is Better than None. <i>Obesity</i> , 2018, 26, 1673-1673.	1.5	8
16	Overexpression of <i>CYB5R3</i> and <i>NQO1</i> , two <i>NAD⁺</i> -producing enzymes, mimics aspects of caloric restriction. <i>Aging Cell</i> , 2018, 17, e12767.	3.0	32
17	Redox modulation of NQO1. <i>PLoS ONE</i> , 2018, 13, e0190717.	1.1	31
18	Aged interleukin-10 transgenic chronically inflamed mice have substantially reduced fat mass, metabolic rate, and adipokines. <i>PLoS ONE</i> , 2017, 12, e0186811.	1.1	15

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19	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 225-233.	1.3	28
20	Regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats: possible targets for obesity prediction?. <i>Frontiers in Neuroscience</i> , 2015, 9, 187.	1.4	60
21	Extravirgin olive oil up-regulates CB1 tumor suppressor gene in human colon cancer cells and in rat colon via epigenetic mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 250-258.	1.9	102
22	Two-Year Trial of Human Caloric Restriction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1095-1096.	1.7	0
23	Global changes in DNA methylation in Alzheimer's disease peripheral blood mononuclear cells. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 139-144.	2.0	112
24	The expression and activity of 5-LOX in the large intestine of horses harbouring encysted cyathostomin larvae. <i>Veterinary Parasitology</i> , 2014, 203, 96-101.	0.7	0
25	Epigenetic modulation of BDNF gene: Differences in DNA methylation between unipolar and bipolar patients. <i>Journal of Affective Disorders</i> , 2014, 166, 330-333.	2.0	85
26	Epigenetic control of skin differentiation genes by phytocannabinoids. <i>British Journal of Pharmacology</i> , 2013, 170, 581-591.	2.7	80
27	Epigenetic mechanisms and endocannabinoid signalling. <i>FEBS Journal</i> , 2013, 280, 1905-1917.	2.2	68
28	Epigenetic Modulation of BDNF Gene in Patients with Major Depressive Disorder. <i>Biological Psychiatry</i> , 2013, 73, e6-e7.	0.7	79
29	Involvement of 5-Lipoxygenase in Alzheimer's Disease: A Role for DNA Methylation. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 3-8.	1.2	34
30	Selective DNA Methylation of BDNF Promoter in Bipolar Disorder: Differences Among Patients with BDI and BDII. <i>Neuropsychopharmacology</i> , 2012, 37, 1647-1655.	2.8	166
31	Epigenetic Regulation of Fatty Acid Amide Hydrolase in Alzheimer Disease. <i>PLoS ONE</i> , 2012, 7, e39186.	1.1	64
32	Effects of AF3442 [N-(9-ethyl-9H-carbazol-3-yl)-2-(trifluoromethyl)benzamide], a novel inhibitor of human microsomal prostaglandin E synthase-1, on prostanoid biosynthesis in human monocytes in vitro. <i>Biochemical Pharmacology</i> , 2010, 79, 974-981.	2.0	49
33	NCX 4040, a Nitric Oxide-Donating Aspirin, Exerts Anti-Inflammatory Effects through Inhibition of eNOS Degradation in Human Monocytes. <i>Journal of Immunology</i> , 2010, 184, 2140-2147.	0.4	20
34	Induction of Prostacyclin by Steady Laminar Shear Stress Suppresses Tumor Necrosis Factor- α Biosynthesis via Heme Oxygenase-1 in Human Endothelial Cells. <i>Circulation Research</i> , 2009, 104, 506-513.	2.0	85
35	Suppression of RAGE as a Basis of Simvastatin-Dependent Plaque Stabilization in Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2716-2723.	1.1	160
36	Age and diet shape the genetic architecture of body weight in diversity outbred mice. <i>ELife</i> , 0, 11, .	2.8	10