

Fabio Ciccarone

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,862
citations

218381

26
h-index

264894

42
g-index

48
all docs

48
docs citations

48
times ranked

3395
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfiguration of DNA methylation in aging. <i>Mechanisms of Ageing and Development</i> , 2015, 151, 60-70.	2.2	227
2	DNA methylation dynamics in aging: how far are we from understanding the mechanisms?. <i>Mechanisms of Ageing and Development</i> , 2018, 174, 3-17.	2.2	135
3	ADP-ribose polymers localized on Ctcfâ€“Parp1â€“Dnmt1 complex prevent methylation of Ctcf target sites. <i>Biochemical Journal</i> , 2012, 441, 645-652.	1.7	110
4	Targeting Glutathione Metabolism: Partner in Crime in Anticancer Therapy. <i>Nutrients</i> , 2019, 11, 1926.	1.7	87
5	PARP1 orchestrates epigenetic events setting up chromatin domains. <i>Seminars in Cell and Developmental Biology</i> , 2017, 63, 123-134.	2.3	81
6	Methylation-dependent <i>PAD2</i> upregulation in multiple sclerosis peripheral blood. <i>Multiple Sclerosis Journal</i> , 2012, 18, 299-304.	1.4	71
7	Pharmacological inhibition of poly(ADP-ribose) polymerase-1 modulates resistance of human glioblastoma stem cells to temozolomide. <i>BMC Cancer</i> , 2014, 14, 151.	1.1	64
8	Validation of suitable internal control genes for expression studies in aging. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 89-95.	2.2	60
9	Poly(ADP-ribosyl)ation Acts in the DNA Demethylation of Mouse Primordial Germ Cells Also with DNA Damage-Independent Roles. <i>PLoS ONE</i> , 2012, 7, e46927.	1.1	60
10	Age-dependent expression of <i>DNMT1</i> and <i>DNMT3B</i> in PBMCs from a large European population enrolled in the MARK-AGE study. <i>Aging Cell</i> , 2016, 15, 755-765.	3.0	60
11	The TCA cycle as a bridge between oncometabolism and DNA transactions in cancer. <i>Seminars in Cancer Biology</i> , 2017, 47, 50-56.	4.3	60
12	Hints on ATGL implications in cancer: beyond bioenergetic clues. <i>Cell Death and Disease</i> , 2018, 9, 316.	2.7	59
13	TET2 gene expression and 5-hydroxymethylcytosine level in multiple sclerosis peripheral blood cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1130-1136.	1.8	55
14	5mC-hydroxylase activity is influenced by the PARylation of TET1 enzyme. <i>Oncotarget</i> , 2015, 6, 24333-24347.	0.8	46
15	Forcing ATGL expression in hepatocarcinoma cells imposes glycolytic rewiring through PPAR-Î±/p300-mediated acetylation of p53. <i>Oncogene</i> , 2019, 38, 1860-1875.	2.6	42
16	Aconitase 2 inhibits the proliferation of MCF-7 cells promoting mitochondrial oxidative metabolism and ROS/FoxO1-mediated autophagic response. <i>British Journal of Cancer</i> , 2020, 122, 182-193.	2.9	41
17	Glutathione and Nitric Oxide: Key Team Players in Use and Disuse of Skeletal Muscle. <i>Nutrients</i> , 2019, 11, 2318.	1.7	40
18	Oxidative Stress-Driven Autophagy acROSs Onset and Therapeutic Outcome in Hepatocellular Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	38

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19	Adipose Tissue and FoxO1: Bridging Physiology and Mechanisms. <i>Cells</i> , 2020, 9, 849.	1.8	36
20	Analysis of the machinery and intermediates of the 5hmC-mediated DNA demethylation pathway in aging on samples from the MARK-AGE Study. <i>Aging</i> , 2016, 8, 1896-1922.	1.4	36
21	Poly(ADP-ribosyl)ation is involved in the epigenetic control of TET1 gene transcription. <i>Oncotarget</i> , 2014, 5, 10356-10367.	0.8	36
22	The epigenetic factor BORIS/CTCF regulates the NOTCH3 gene expression in cancer cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 813-825.	0.9	32
23	PARP inhibitor ABT-888 affects response of MDA-MB-231 cells to doxorubicin treatment, targeting Snail expression. <i>Oncotarget</i> , 2015, 6, 15008-15021.	0.8	32
24	Paternal activation of CB2 cannabinoid receptor impairs placental and embryonic growth via an epigenetic mechanism. <i>Scientific Reports</i> , 2019, 9, 17034.	1.6	31
25	Poly(ADP-Ribosyl)ation Affects Histone Acetylation and Transcription. <i>PLoS ONE</i> , 2015, 10, e0144287.	1.1	30
26	Dematin, a Component of the Erythrocyte Membrane Skeleton, Is Internalized by the Malaria Parasite and Associates with Plasmodium 14-3-3. <i>Journal of Biological Chemistry</i> , 2011, 286, 1227-1236.	1.6	28
27	ROS-dependent HIF1 α activation under forced lipid catabolism entails glycolysis and mitophagy as mediators of higher proliferation rate in cervical cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 94.	3.5	28
28	ADP-ribose polymer depletion leads to nuclear Ctfc re-localization and chromatin rearrangement. <i>Biochemical Journal</i> , 2013, 449, 623-630.	1.7	27
29	TET1 promotes growth of T-cell acute lymphoblastic leukemia and can be antagonized via PARP inhibition. <i>Leukemia</i> , 2021, 35, 389-403.	3.3	26
30	FoxO1 localizes to mitochondria of adipose tissue and is affected by nutrient stress. <i>Metabolism: Clinical and Experimental</i> , 2019, 95, 84-92.	1.5	25
31	Inhibition of PARP activity by PJ-34 leads to growth impairment and cell death associated with aberrant mitotic pattern and nucleolar actin accumulation in M14 melanoma cell line. <i>Journal of Cellular Physiology</i> , 2010, 222, 401-410.	2.0	21
32	Poly(ADP-ribosyl)ation affects stabilization of Che-1 protein in response to DNA damage. <i>DNA Repair</i> , 2011, 10, 380-389.	1.3	18
33	DNA Hydroxymethylation Levels Are Altered in Blood Cells From Down Syndrome Persons Enrolled in the MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 737-744.	1.7	16
34	High Dietary Fat Intake Affects DNA Methylation/Hydroxymethylation in Mouse Heart: Epigenetic Hints for Obesity-Related Cardiac Dysfunction. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800970.	1.5	16
35	Lipid Catabolism and ROS in Cancer: A Bidirectional Liaison. <i>Cancers</i> , 2021, 13, 5484.	1.7	16
36	Zinc-Induced Metallothionein in Centenarian Offspring From a Large European Population: The MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 745-753.	1.7	13

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37	Label-free metabolic clustering through unsupervised pixel classification of multiparametric fluorescent images. <i>Analytica Chimica Acta</i> , 2021, 1148, 238173.	2.6	13
38	Aconitase 2 sensitizes MCF-7 cells to cisplatin eliciting p53-mediated apoptosis in a ROS-dependent manner. <i>Biochemical Pharmacology</i> , 2020, 180, 114202.	2.0	10
39	Poly(ADP-Ribose) Polymerase Inhibitors for Arsenic Trioxide-Resistant Acute Promyelocytic Leukemia: Synergistic In Vitro Antitumor Effects with Hypomethylating Agents or High-Dose Vitamin C. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 385-397.	1.3	7
40	DNA Methylation Analysis of Ribosomal DNA in Adults With Down Syndrome. <i>Frontiers in Genetics</i> , 2022, 13, 792165.	1.1	7
41	R-Spondin 1/Dickkopf-1/Beta-Catenin Machinery Is Involved in Testicular Embryonic Angiogenesis. <i>PLoS ONE</i> , 2015, 10, e0124213.	1.1	6
42	Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. <i>Nutrients</i> , 2019, 11, 2986.	1.7	5
43	Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. <i>GeroScience</i> , 2021, 43, 1283-1302.	2.1	4
44	Aberrations of the TCA Cycle in Cancer. , 2018, , .		3
45	The PARP Inhibitor Olaparib Antagonizes Leukemic Growth Induced By TET1 Overexpression in AML1-ETO Positive Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 4063-4063.	0.6	3
46	Lipid catabolism and mitochondrial uncoupling are stimulated in brown adipose tissue of amyotrophic lateral sclerosis mouse models. <i>Genes and Diseases</i> , 2023, 10, 321-324.	1.5	1
47	Defective DNA Methylation/Demethylation Processes Define Aging-Dependent Methylation Patterns. , 2018, , 33-58.		0
48	TET1 Promotes Leukemic Growth in T-ALL Via Maintenance of 5-Hydroxymethylation Marks and Can be Antagonized By the PARP Inhibitor Olaparib. <i>Blood</i> , 2016, 128, 737-737.	0.6	0