Anna Maria D'Alessandro

List of Publications by Year
in descending order

31 papers	1,032 citations	471061 17 h-index	454577 30 g-index
31 all docs	31 docs citations	31 times ranked	1515 citing authors

#	Article	IF	Citations
1	SIRT1 signalling protects mouse oocytes against oxidative stress and is deregulated during aging. Human Reproduction, 2014, 29, 2006-2017.	0.4	143
2	Sirtuin Functions in Female Fertility: Possible Role in Oxidative Stress and Aging. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	1.9	110
3	Antitumor Effects of Saffron-Derived Carotenoids in Prostate Cancer Cell Models. BioMed Research International, 2014, 2014, 1-12.	0.9	95
4	<i>Crocus Sativus</i> Stigma Extract and Its Major Constituent Crocin Possess Significant Antiproliferative Properties Against Human Prostate Cancer. Nutrition and Cancer, 2013, 65, 930-942.	0.9	79
5	Azacitidine improves antitumor effects of docetaxel and cisplatin in aggressive prostate cancer models. Endocrine-Related Cancer, 2009, 16, 401-413.	1.6	63
6	Crocetin and Crocin from Saffron in Cancer Chemotherapy and Chemoprevention. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 38-47.	0.9	60
7	Increased levels of DNA methyltransferases are associated with the tumorigenic capacity of prostate cancer cells. Oncology Reports, 2013, 29, 1189-1195.	1.2	55
8	Crocetin, a Carotenoid Derived from Saffron (<i>Crocus sativus</i> L.), Improves Acetylcholine-Induced Vascular Relaxation in Hypertension. Journal of Vascular Research, 2014, 51, 393-404.	0.6	39
9	SIRT1 participates in the response to methylglyoxal-dependent glycative stress in mouse oocytes and ovary. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1389-1401.	1.8	39
10	The Natural Carotenoid Crocetin and the Synthetic Tellurium Compound AS101 Protect the Ovary against Cyclophosphamide by Modulating SIRT1 and Mitochondrial Markers. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	1.9	35
11	Immunohistochemical localization of ascorbate oxidase in cucurbita pepo medullosa. Plant Science, 1989, 64, 61-66.	1.7	33
12	Phytochemistry and Biological Activity of Medicinal Plants in Wound Healing: An Overview of Current Research. Molecules, 2022, 27, 3566.	1.7	33
13	Mitochondrial Sirtuins in Reproduction. Antioxidants, 2021, 10, 1047.	2.2	32
14	Effects of Crocetin Esters and Crocetin from Crocus sativus L. on Aortic Contractility in Rat Genetic Hypertension. Molecules, 2015, 20, 17570-17584.	1.7	31
15	Possible Involvement of Advanced Glycation End Products in Periodontal Diseases. International Journal of Immunopathology and Pharmacology, 2010, 23, 683-691.	1.0	26
16	Regulatory Functions of L-Carnitine, Acetyl, and Propionyl L-Carnitine in a PCOS Mouse Model: Focus on Antioxidant/Antiglycative Molecular Pathways in the Ovarian Microenvironment. Antioxidants, 2020, 9, 867.	2.2	26
17	Methylglyoxal-Dependent Glycative Stress and Deregulation of SIRT1 Functional Network in the Ovary of PCOS Mice. Cells, 2020, 9, 209.	1.8	20
18	Pattern expression of glycan residues in AZT-treated K562 cells analyzed by lectin cytochemistry. Molecular and Cellular Biochemistry, 2007, 300, 29-37.	1.4	16

#	Article	IF	Citations
19	Different patterns of human serum transferrin on isoelectric focusing using synthetic carrier ampholytes or immobilized pH gradients. Electrophoresis, 1988, 9, 80-83.	1.3	13
20	The effect of AZT and chloroquine on the activities of ricin and a saporinâ€“transferrin chimeric toxin. Biochemical Pharmacology, 2005, 70, 560-569.	2.0	13
21	Evidences that zidovudine (AZT) could not be directly responsible for iron overload in AZT-treated patients: an in vitro study. Clinica Chimica Acta, 2000, 300, 119-130.	0.5	12
22	Protein glycans alteration and a different distribution of some enzymatic activities involved in the glycan processing are found in AZT-treated K562 cells. Molecular and Cellular Biochemistry, 2003, 252, 45-51.	1.4	9
23	Carnitines as Mitochondrial Modulators of Oocyte and Embryo Bioenergetics. Antioxidants, 2022, 11, 745.	2.2	9
24	The binding of human serum transferrin to its specific receptor reconstituted into liposomes. Cellular Signalling, 1994, 6, 83-90.	1.7	8
25	Peroxidase-labelling of human serum transferrin by conjugation to oligosaccharide moieties. Clinica Chimica Acta, 1998, 274, 189-197.	0.5	8
26	Effects of AZT on cellular iron homeostasis. BioMetals, 2004, 17, 443-450.	1.8	8
27	Crocetin Mitigates Irradiation Injury in an In Vitro Model of the Pubertal Testis: Focus on Biological Effects and Molecular Mechanisms. Molecules, 2021, 26, 1676.	1.7	7
28	Primary structure of the major glycan from human seminal transferrin. The Protein Journal, 1994, 13, 31-36.	1.1	5
29	Structural analysis of seminal and serum human transferrin by second derivative spectrometry and fluorescence measurements. The Protein Journal, 1992, 11, 165-169.	1.1	4
30	Deglycosylation of hen ovotransferrin under mild conditions: effect on the immunoreactivity and biological activity. Glycobiology, 1999, 9, v-viii.	1.3	1
31	Liposome Reconstitution of Native or Reduced and Alkylated Transferrin Receptor. Journal of Liposome Research, 1993, 3, 679-685.	1.5	0