

Caterina Manna

List of Publications by Year in descending order

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24
papers

1,120
citations

567144

15
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	The Protective Effect of the Olive Oil Polyphenol (3,4-Dihydroxyphenyl)- ethanol Counteracts Reactive Oxygen Metaboliteâ€œInduced Cytotoxicity in Caco-2 Cells ., Journal of Nutrition, 1997, 127, 286-292.	1.3	227
2	Transport mechanism and metabolism of olive oil hydroxytyrosol in Caco-2 cells. FEBS Letters, 2000, 470, 341-344.	1.3	191
3	Protective Effect of the Phenolic Fraction from Virgin Olive Oils against Oxidative Stress in Human Cells. Journal of Agricultural and Food Chemistry, 2002, 50, 6521-6526.	2.4	124
4	Oleuropein prevents oxidative myocardial injury induced by ischemia and reperfusion. Journal of Nutritional Biochemistry, 2004, 15, 461-466.	1.9	123
5	Hydroxytyrosol inhibits phosphatidylserine exposure and suicidal death induced by mercury in human erythrocytes: Possible involvement of the glutathione pathway. Food and Chemical Toxicology, 2016, 89, 47-53.	1.8	58
6	Olive Oil Phenolic Compounds Inhibit Homocysteine-Induced Endothelial Cell Adhesion Regardless of Their Different Antioxidant Activity. Journal of Agricultural and Food Chemistry, 2009, 57, 3478-3482.	2.4	47
7	Bromfenvinphos induced suicidal death of human erythrocytes. Pesticide Biochemistry and Physiology, 2016, 126, 58-63.	1.6	43
8	Salicylic Acid and Melatonin Alleviate the Effects of Heat Stress on Essential Oil Composition and Antioxidant Enzyme Activity in Mentha — Piperita and Mentha Arvensis L.. Antioxidants, 2019, 8, 547.	2.2	43
9	Protective Effects of Synthetic Hydroxytyrosol Acetyl Derivatives against Oxidative Stress in Human Cells. Journal of Agricultural and Food Chemistry, 2005, 53, 9602-9607.	2.4	34
10	Phenol-Rich Feijoa sellowiana (Pineapple Guava) Extracts Protect Human Red Blood Cells from Mercury-Induced Cellular Toxicity. Antioxidants, 2019, 8, 220.	2.2	32
11	Relevance of 4-F4t-neuroprostane and 10-F4t-neuroprostane to neurological diseases. Free Radical Biology and Medicine, 2018, 115, 278-287.	1.3	30
12	The protective role of olive oil hydroxytyrosol against oxidative alterations induced by mercury in human erythrocytes. Food and Chemical Toxicology, 2015, 82, 59-63.	1.8	27
13	Novel Insights into Mercury Effects on Hemoglobin and Membrane Proteins in Human Erythrocytes. Molecules, 2020, 25, 3278.	1.7	18
14	Spermatozoa Transcriptional Response and Alterations in PL Proteins Properties after Exposure of Mytilus galloprovincialis to Mercury. International Journal of Molecular Sciences, 2021, 22, 1618.	1.8	18
15	Increased non-protein bound iron in Down syndrome: contribution to lipid peroxidation and cognitive decline. Free Radical Research, 2016, 50, 1422-1431.	1.5	15
16	Comparative Analysis of the Effects of Olive Oil Hydroxytyrosol and Its 5-S-Lipoyl Conjugate in Protecting Human Erythrocytes from Mercury Toxicity. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	1.9	15
17	New Insights into Alterations in PL Proteins Affecting Their Binding to DNA after Exposure of Mytilus galloprovincialis to Mercuryâ€œA Possible Risk to Sperm Chromatin Structure?. International Journal of Molecular Sciences, 2021, 22, 5893.	1.8	14
18	Erythrocytes as a Model for Heavy Metal-Related Vascular Dysfunction: The Protective Effect of Dietary Components. International Journal of Molecular Sciences, 2021, 22, 6604.	1.8	13

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19	The Role of Iron Toxicity in Oxidative Stress-induced Cellular Degeneration in Down Syndrome: Protective Effects of Phenolic Antioxidants. <i>Current Nutrition and Food Science</i> , 2012, 8, 206-212.	0.3	12
20	Morphological, Gene, and Hormonal Changes in Gonads and In-Creased Micrococcal Nuclease Accessibility of Sperm Chromatin Induced by Mercury. <i>Biomolecules</i> , 2022, 12, 87.	1.8	11
21	Triggering of Erythrocyte Death by Triparanol. <i>Toxins</i> , 2015, 7, 3359-3371.	1.5	7
22	Effects of Hydroxytyrosol on Cyclosporine Nephrotoxicity. , 2010, , 1245-1252.		6
23	Hydroxytyrosol Decreases Phosphatidylserine Exposure and Inhibits Suicidal Death Induced by Lysophosphatidic Acid in Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 921-932.	1.1	6
24	Olive Oil Phenols Prevent Mercury-Induced Phosphatidylserine Exposure and Morphological Changes in Human Erythrocytes Regardless of Their Different Scavenging Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5693.	1.8	6