

Marcella M Renis

List of Publications by Year in descending order

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64
papers

2,123
citations

218592

26
h-index

243529

44
g-index

65
all docs

65
docs citations

65
times ranked

3003
citing authors

#	ARTICLE	IF	CITATIONS
1	Free radical scavenging capacity and protective effect of <i>Bacopa monniera</i> L. on DNA damage. <i>Phytotherapy Research</i> , 2003, 17, 870-875.	2.8	140
2	Hydroxytyrosol lipophilic analogues: Enzymatic synthesis, radical scavenging activity and DNA oxidative damage protection. <i>Bioorganic Chemistry</i> , 2007, 35, 137-152.	2.0	129
3	Stress Proteins and SH-Groups in Oxidant-Induced Cellular Injury After Chronic Ethanol Administration in Rat. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1159-1167.	1.3	87
4	Nuclear DNA strand breaks during ethanol-induced oxidative stress in rat brain. <i>FEBS Letters</i> , 1996, 390, 153-156.	1.3	83
5	XPS and AFM Characterization of the Enzyme Glucose Oxidase Immobilized on SiO ₂ Surfaces. <i>Langmuir</i> , 2008, 24, 1965-1972.	1.6	77
6	Stress proteins and SH-groups in oxidant-induced cell damage after acute ethanol administration in rat. <i>Free Radical Biology and Medicine</i> , 1996, 20, 391-397.	1.3	76
7	Free radical scavenger depletion in post-ischemic reperfusion brain damage. <i>Neurochemical Research</i> , 1993, 18, 1337-1340.	1.6	75
8	Response of cell cycle/stress-related protein expression and DNA damage upon treatment of CaCo2 cells with anthocyanins. <i>British Journal of Nutrition</i> , 2008, 100, 27-35.	1.2	75
9	<i>Betula etnensis</i> Raf. (Betulaceae) Extract Induced HO-1 Expression and Ferroptosis Cell Death in Human Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2723.	1.8	72
10	Immobilization of the Enzyme Glucose Oxidase on Both Bulk and Porous SiO ₂ Surfaces. <i>Sensors</i> , 2008, 8, 5637-5648.	2.1	69
11	DNA damage in human fibroblasts exposed to fumonisin B1. <i>Food and Chemical Toxicology</i> , 2002, 40, 25-31.	1.8	68
12	Ochratoxin A-induced DNA damage in human fibroblast: protective effect of cyanidin 3-O-β-D-glucoside. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 31-37.	1.9	55
13	Red wine micronutrients as protective agents in Alzheimer-like induced insult. <i>Life Sciences</i> , 2003, 72, 2369-2379.	2.0	52
14	Behaviour of the new asbestos amphibole fluoro-edenite in different lung cell systems. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 849-860.	1.2	51
15	DNA damage in astrocytes exposed to fumonisin B1. <i>Neurochemical Research</i> , 2002, 27, 345-351.	1.6	50
16	Layer uniformity in glucose oxidase immobilization on SiO ₂ surfaces. <i>Applied Surface Science</i> , 2007, 253, 9116-9123.	3.1	46
17	Resveratrol and Propolis as Necrosis or Apoptosis Inducers in Human Prostate Carcinoma Cells. <i>Oncology Research</i> , 2004, 14, 415-426.	0.6	43
18	Cytotoxicity, oxidative stress and genotoxicity induced by glass fibers on human alveolar epithelial cell line A549. <i>Toxicology in Vitro</i> , 2015, 29, 551-557.	1.1	41

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19	Biochemical and bioaccumulation approaches for investigating marine pollution using Mediterranean rainbow wrasse, <i>Coris julis</i> (Linnaeus 1798). <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 168-175.	2.9	40
20	Involvement of HSP70 in resveratrol-induced apoptosis of human prostate cancer. <i>Anticancer Research</i> , 2003, 23, 4921-6.	0.5	38
21	Ethanol-induced oxidative stress in rat astrocytes: role of HSP70. <i>Cell Biology and Toxicology</i> , 2001, 17, 153-168.	2.4	37
22	Ethanol-induced injury in rat primary cortical astrocytes involves oxidative stress: effect of idebenone. <i>Neuroscience Letters</i> , 2002, 329, 21-24.	1.0	36
23	Expression of brain-derived neurotrophic factor (BDNF) and inducible nitric oxide synthase (iNOS) in rat astrocyte cultures treated with Levetiracetam. <i>Brain Research</i> , 2003, 976, 227-233.	1.1	33
24	ELIMED, future hadrontherapy applications of laser-accelerated beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 730, 174-177.	0.7	32
25	Oxidative and Antioxidant Status in Plasma of Runners: Effect of Oral Supplementation with Natural Antioxidants. <i>Journal of Medicinal Food</i> , 2009, 12, 145-150.	0.8	29
26	â€œReactiveâ€ response evaluation of primary human astrocytes after methylmercury exposure. <i>Journal of Neuroscience Research</i> , 2014, 92, 95-103.	1.3	29
27	Improved antioxidant effect of idebenone-loaded polyethyl-2-cyanoacrylate nanocapsules tested on human fibroblasts. <i>Pharmaceutical Research</i> , 2002, 19, 71-78.	1.7	26
28	Effects of physical activity on systemic oxidative/DNA status in breast cancer survivors. <i>Oncology Letters</i> , 2017, 13, 441-448.	0.8	26
29	Effects of ozone on some biological activities of cells in vitro. <i>Cell Biology and Toxicology</i> , 1995, 11, 11-21.	2.4	26
30	Macromolecular synthesis in mitochondria isolated from different regions of developing rat brain. <i>Neurochemical Research</i> , 1979, 4, 25-35.	1.6	25
31	Assessment of environmental stress in <i>Parablennius sanguinolentus</i> (Pallas, 1814) of the Sicilian Ionian coast. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1278-1286.	2.9	25
32	Polyphenolic profile and antioxidant activity of olive mill wastewater from two Sicilian olive cultivars: Cerasuola and Nocellara etnea. <i>European Food Research and Technology</i> , 2017, 243, 1895-1903.	1.6	25
33	Glutamine synthetase activity and HSP70 levels in cultured rat astrocytes: effect of 1-octadecyl-2-methyl-rac-glycero-3-phosphocholine. <i>Brain Research</i> , 1998, 783, 143-150.	1.1	24
34	Anti-adipogenic and anti-oxidant effects of a standardised extract of Moro blood oranges (<i>Citrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Research</i> , 2021, 35, 2660-2667.	1.0	22
35	Transglutaminase activity in primary and subcultured rat astroglial cells. <i>Neurochemical Research</i> , 1992, 17, 1201-1205.	1.6	21
36	Effects of Gabapentin and Topiramate in primary rat astrocyte cultures. <i>NeuroReport</i> , 2001, 12, 1705-1708.	0.6	21

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37	DNA damage in normal-weight obese syndrome measured by Comet assay. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2011, 4, 99-104.	0.2	21
38	Assessment of glutathione peroxidase-1 polymorphisms, oxidative stress and DNA damage in sensitivity-related illnesses. <i>Life Sciences</i> , 2016, 145, 27-33.	2.0	20
39	Cytosolic phospholipase A2 mediates arachidonoyl phospholipid hydrolysis in immortalized rat brain endothelial cells stimulated by oxidized LDL. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1585, 19-29.	1.2	18
40	Fluoro-edenite Fibers Induce Expression of Hsp70 and Inflammatory Response. <i>International Journal of Environmental Research and Public Health</i> , 2007, 4, 195-202.	1.2	18
41	Double-Face Activity of Resveratrol in Voluntary Runners: Assessment of DNA Damage by Comet Assay. <i>Journal of Medicinal Food</i> , 2012, 15, 441-447.	0.8	17
42	Effects of ether lipid 1-O-octadecyl-2-methoxy-rac-glycero-3-phosphocholine and its analogs PAF and CPAF on the release of nitric oxide in primary cultures of rat astrocytes. <i>Brain Research</i> , 1996, 715, 98-103.	1.1	16
43	Feasibility Studies on Si-Based Biosensors. <i>Sensors</i> , 2009, 9, 3469-3490.	2.1	16
44	Deletions in the mitochondrial DNA and decrease in the oxidative phosphorylation activity of children with fanconi syndrome secondary to antineoplastic therapy. <i>American Journal of Kidney Diseases</i> , 1999, 34, 98-106.	2.1	15
45	Biological effects of tiagabine on primary cortical astrocyte cultures of rat. <i>Neuroscience Letters</i> , 2000, 288, 49-52.	1.0	14
46	Tolerability and improved protective action of idebenone-loaded pegylated liposomes on ethanol-induced injury in primary cortical astrocytes**Preliminary data were presented at the Second International Conference on New Biomedical Materials, 5-8 April 2003, Cardiff, UK.. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 1815-1827.	1.6	14
47	The Antioxidant Activities of <i>Betula etnensis</i> Rafin. Ethanolic Extract Exert Protective and Anti-diabetic Effects on Streptozotocin-Induced Diabetes in Rats. <i>Antioxidants</i> , 2020, 9, 847.	2.2	14
48	Rufloxacin-induced photosensitization in yeast. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 181.	1.6	13
49	ELIMED: a new hadron therapy concept based on laser driven ion beams. <i>Proceedings of SPIE</i> , 2013, , ,	0.8	13
50	Sugar and mineral enriched fraction from olive mill wastewater for promising cosmeceutical application: characterization, <i>in vitro</i> and <i>in vivo</i> studies. <i>Food and Function</i> , 2017, 8, 4713-4722.	2.1	13
51	ET-induced cytotoxicity and DNA damage in rat astrocytes. <i>International Journal of Developmental Neuroscience</i> , 2000, 18, 545-555.	0.7	12
52	Switching off HSP70 and i-NOS to study their role in normal and H2O2-stressed human fibroblasts. <i>Life Sciences</i> , 2003, 74, 757-769.	2.0	12
53	Mitochondrial DNA, RNA and protein synthesis in normal and hypothyroid developing rat liver. <i>Cell Differentiation</i> , 1986, 19, 43-49.	1.3	11
54	Rufloxacin induced photosensitization in bio-models of increasing complexity. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 304.	1.6	11

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55	Resveratrol and Propolis Extract: An Insight Into the Morphological and Molecular Changes Induced in DU145 Cells. <i>Oncology Research</i> , 2005, 15, 409-421.	0.6	10
56	Tiagabine treatment and DNA damage in rat astrocytes: an in vitro study by comet assay. <i>Neuroscience Letters</i> , 2001, 306, 17-20.	1.0	9
57	De Toni-Debrì; 1/2-Fanconi syndrome due to a palindrome-flanked deletion in mitochondrial DNA. <i>Pediatric Nephrology</i> , 2004, 19, 790-793.	0.9	8
58	Rapha Myr [®] , a Blend of Sulforaphane and Myrosinase, Exerts Antitumor and Anoikis-Sensitizing Effects on Human Astrocytoma Cells Modulating Sirtuins and DNA Methylation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5328.	1.8	8
59	Effectiveness of Natural Compounds on DNA Damage in <i>Coris julis</i> (Linnaeus 1758) from a Polluted Marine Area. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	5
60	ELIMED a new concept of hadrontherapy with laser-driven beams. , 2012, , .		4
61	ELIMED: MEDICAL APPLICATION AT ELI-BEAMLINES. STATUS OF THE COLLABORATION AND FIRST RESULTS. <i>Acta Polytechnica</i> , 2014, 54, 285-289.	0.3	4
62	Molecular modeling and biological studies show that some μ -opioid receptor agonists might elicit analgesia acting as MMP-9 inhibitors. <i>Future Medicinal Chemistry</i> , 2019, 11, 1245-1258.	1.1	3
63	Glucose oxidase characterization for the fabrication of hybrid microelectronic devices. , 2007, 6592, 289.		0
64	DNA damage in normal-weight obese syndrome measured by Comet assay. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2010, 4, 99-104.	0.2	0