

# 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	Anti-adipogenic and anti-oxidant effects of a standardised extract of Moro blood oranges (<i>Citrus Tj ETQq1 1 0.784314 rgBT /Overbo Research, 2021, 35, 2660-2667.	1.0	22
2	Rapha MyrÂ®, a Blend of Sulforaphane and Myrosinase, Exerts Antitumor and Anoikis-Sensitizing Effects on Human Astrocytoma Cells Modulating Sirtuins and DNA Methylation. International Journal of Molecular Sciences, 2020, 21, 5328.	1.8	8
3	The Antioxidant Activities of Betula etnensis Rafin. Ethanolic Extract Exert Protective and Anti-diabetic Effects on Streptozotocin-Induced Diabetes in Rats. Antioxidants, 2020, 9, 847.	2.2	14
4	Betula etnensis Raf. (Betulaceae) Extract Induced HO-1 Expression and Ferroptosis Cell Death in Human Colon Cancer Cells. International Journal of Molecular Sciences, 2019, 20, 2723.	1.8	72
5	Molecular modeling and biological studies show that some $\hat{1}/4$ -opioid receptor agonists might elicit analgesia acting as MMP-9 inhibitors. Future Medicinal Chemistry, 2019, 11, 1245-1258.	1.1	3
6	Effects of physical activity on systemic oxidative/DNA status in breast cancer survivors. Oncology Letters, 2017, 13, 441-448.	0.8	26
7	Polyphenolic profile and antioxidant activity of olive mill wastewater from two Sicilian olive cultivars: Cerasuola and Nocellara etnea. European Food Research and Technology, 2017, 243, 1895-1903.	1.6	25
8	Effectiveness of Natural Compounds on DNA Damage in Coris julis (Linneaus 1758) from a Polluted Marine Area. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	5
9	Sugar and mineral enriched fraction from olive mill wastewater for promising cosmeceutical application: characterization, <i>in vitro</i> and <i>in vivo</i> studies. Food and Function, 2017, 8, 4713-4722.	2.1	13
10	Assessment of glutathione peroxidase-1 polymorphisms, oxidative stress and DNA damage in sensitivity-related illnesses. Life Sciences, 2016, 145, 27-33.	2.0	20
11	Cytotoxicity, oxidative stress and genotoxicity induced by glass fibers on human alveolar epithelial cell line A549. Toxicology in Vitro, 2015, 29, 551-557.	1.1	41
12	ELIMED: MEDICAL APPLICATION AT ELI-BEAMLINES. STATUS OF THE COLLABORATION AND FIRST RESULTS. Acta Polytechnica, 2014, 54, 285-289.	0.3	4
13	â€œReactiveâ€-response evaluation of primary human astrocytes after methylmercury exposure. Journal of Neuroscience Research, 2014, 92, 95-103.	1.3	29
14	ELIMED, future hadrontherapy applications of laser-accelerated beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 174-177.	0.7	32
15	ELIMED: a new hadron therapy concept based on laser driven ion beams. Proceedings of SPIE, 2013, , .	0.8	13
16	ELIMED a new concept of hadrontherapy with laser-driven beams. , 2012, , .		4
17	Biochemical and bioaccumulation approaches for investigating marine pollution using Mediterranean rainbow wrasse, Coris julis (Linneaus 1798). Ecotoxicology and Environmental Safety, 2012, 86, 168-175.	2.9	40
18	Double-Face Activity of Resveratrol in Voluntary Runners: Assessment of DNA Damage by Comet Assay. Journal of Medicinal Food, 2012, 15, 441-447.	0.8	17

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19	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
20	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
21	Feasibility Studies on Si-Based Biosensors. <i>Sensors</i> , 2009, 9, 3469-3490.	2.1	16
22	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
23	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
24	XPS and AFM Characterization of the Enzyme Glucose Oxidase Immobilized on SiO <sub>2</sub> Surfaces. <i>Langmuir</i> , 2008, 24, 1965-1972.	1.6	77
25	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
26	Immobilization of the Enzyme Glucose Oxidase on Both Bulk and Porous SiO <sub>2</sub> Surfaces. <i>Sensors</i> , 2008, 8, 5637-5648.	2.1	69
27	Glucose oxidase characterization for the fabrication of hybrid microelectronic devices. , 2007, 6592, 289.		0
28	Rufloxacin-induced photosensitization in yeast. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 181.	1.6	13
29	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
30	Hydroxytyrosol lipophilic analogues: Enzymatic synthesis, radical scavenging activity and DNA oxidative damage protection. <i>Bioorganic Chemistry</i> , 2007, 35, 137-152.	2.0	129
31	Layer uniformity in glucose oxidase immobilization on SiO <sub>2</sub> surfaces. <i>Applied Surface Science</i> , 2007, 253, 9116-9123.	3.1	46
32	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
33	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
34	Rufloxacin induced photosensitization in bio-models of increasing complexity. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 304.	1.6	11
35	Resveratrol and Propolis as Necrosis or Apoptosis Inducers in Human Prostate Carcinoma Cells. <i>Oncology Research</i> , 2004, 14, 415-426.	0.6	43
36	De Toni-Debrèj-Fanconi syndrome due to a palindrome-flanked deletion in mitochondrial DNA. <i>Pediatric Nephrology</i> , 2004, 19, 790-793.	0.9	8

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37	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.. Journal of Pharmaceutical Sciences, 2004, 93, 1815-1827.	1.6	14
38	Behaviour of the new asbestos amphibole fluoro-edenite in different lung cell systems. International Journal of Biochemistry and Cell Biology, 2004, 36, 849-860.	1.2	51
39	Expression of brain-derived neurotrophic factor (BDNF) and inducible nitric oxide synthase (iNOS) in rat astrocyte cultures treated with Levetiracetam. Brain Research, 2003, 976, 227-233.	1.1	33
40	Free radical scavenging capacity and protective effect of Bacopa monniera L. on DNA damage. Phytotherapy Research, 2003, 17, 870-875.	2.8	140
41	Switching off HSP70 and i-NOS to study their role in normal and H2O2-stressed human fibroblasts. Life Sciences, 2003, 74, 757-769.	2.0	12
42	Red wine micronutrients as protective agents in Alzheimer-like induced insult. Life Sciences, 2003, 72, 2369-2379.	2.0	52
43	Involvement of HSP70 in resveratrol-induced apoptosis of human prostate cancer. Anticancer Research, 2003, 23, 4921-6.	0.5	38
44	Cytosolic phospholipase A2 mediates arachidonoyl phospholipid hydrolysis in immortalized rat brain endothelial cells stimulated by oxidized LDL. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1585, 19-29.	1.2	18
45	DNA damage in human fibroblasts exposed to fumonisin B1. Food and Chemical Toxicology, 2002, 40, 25-31.	1.8	68
46	Ethanol-induced injury in rat primary cortical astrocytes involves oxidative stress: effect of idebenone. Neuroscience Letters, 2002, 329, 21-24.	1.0	36
47	Improved antioxidant effect of idebenone-loaded polyethyl-2-cyanoacrylate nanocapsules tested on human fibroblasts. Pharmaceutical Research, 2002, 19, 71-78.	1.7	26
48	DNA damage in astrocytes exposed to fumonisin B1. Neurochemical Research, 2002, 27, 345-351.	1.6	50
49	Tiagabine treatment and DNA damage in rat astrocytes: an in vitro study by comet assay. Neuroscience Letters, 2001, 306, 17-20.	1.0	9
50	Effects of Gabapentin and Topiramate in primary rat astrocyte cultures. NeuroReport, 2001, 12, 1705-1708.	0.6	21
51	Ethanol-induced oxidative stress in rat astrocytes: role of HSP70. Cell Biology and Toxicology, 2001, 17, 153-168.	2.4	37
52	Biological effects of tiagabine on primary cortical astrocyte cultures of rat. Neuroscience Letters, 2000, 288, 49-52.	1.0	14
53	ET-1-induced cytotoxicity and DNA damage in rat astrocytes. International Journal of Developmental Neuroscience, 2000, 18, 545-555.	0.7	12
54	Deletions in the mitochondrial DNA and decrease in the oxidative phosphorylation activity of children with fanconi syndrome secondary to antineoplastic therapy. American Journal of Kidney Diseases, 1999, 34, 98-106.	2.1	15

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55	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
56	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
57	Nuclear DNA strand breaks during ethanol-induced oxidative stress in rat brain. <i>FEBS Letters</i> , 1996, 390, 153-156.	1.3	83
58	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
59	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
60	Effects of ozone on some biological activities of cells in vitro. <i>Cell Biology and Toxicology</i> , 1995, 11, 11-21.	2.4	26
61	Free radical scavenger depletion in post-ischemic reperfusion brain damage. <i>Neurochemical Research</i> , 1993, 18, 1337-1340.	1.6	75
62	Transglutaminase activity in primary and subcultured rat astroglial cells. <i>Neurochemical Research</i> , 1992, 17, 1201-1205.	1.6	21
63	Mitochondrial DNA, RNA and protein synthesis in normal and hypothyroid developing rat liver. <i>Cell Differentiation</i> , 1986, 19, 43-49.	1.3	11
64	Macromolecular synthesis in mitochondria isolated from different regions of developing rat brain. <i>Neurochemical Research</i> , 1979, 4, 25-35.	1.6	25