Luciana Mosca

List of Publications by Year
in descending order

87 papers	2,957 citations	172207 29 h-index	182168 51 g-index
88 all docs	88 docs citations	88 times ranked	4507 citing authors

#	Article	IF	Citations
1	Anthocyanins: A Comprehensive Review of Their Chemical Properties and Health Effects on Cardiovascular and Neurodegenerative Diseases. Molecules, 2020, 25, 3809.	1.7	323
2	PARP-1 involvement in neurodegeneration: A focus on Alzheimerâ€™s and Parkinsonâ€™s diseases. Mechanisms of Ageing and Development, 2015, 146-148, 53-64.	2.2	187
3	Effectiveness of Lactobacillus-containing vaginal tablets in the treatment of symptomatic bacterial vaginosis. Clinical Microbiology and Infection, 2009, 15, 67-74.	2.8	139
4	Evaluation of different extraction methods from pomegranate whole fruit or peels and the antioxidant and antiproliferative activity of the polyphenolic fraction. Food Chemistry, 2016, 202, 59-69.	4.2	139
5	Chemistry, Stability and Bioavailability of Resveratrol. Medicinal Chemistry, 2014, 10, 237-245.	0.7	136
6	Taxanes in cancer treatment: Activity, chemoresistance and its overcoming. Drug Resistance Updates, 2021, 54, 100742.	6.5	121
7	Interaction of enkephalins with oxyradicals1 1Abbreviations: ABAP, 2,2â€²-azobis(2-amidinopropane); dopa, dihydroxyphenyl-alanine; H2O2, hydrogen peroxide; leu-enk, leu-enkephalin; met-enk, met-enkephalin; LOOH, linoleic acid 13-hydroperoxide; NBT, nitro blue tetrazolium; PMS, phenazine methosulfate; ROS, reactive oxygen species; SOD, superoxide dismutase; TBARS, thiobarbituric acid reactive substances. Biochemical Pharmacology, 2001, 61, 1253-1257.	2.0	102
8	Bacterial vaginosis: a review on clinical trials with probiotics. New Microbiologica, 2013, 36, 229-38.	0.1	95
9	Lipoxygenase-Catalyzed Oxidation of Catecholamines. Biochemical and Biophysical Research Communications, 1994, 200, 344-350.	1.0	76
10	PARP-1 Modulates Amyloid Beta Peptide-Induced Neuronal Damage. PLoS ONE, 2013, 8, e72169.	1.1	70
11	Carnitines and Its Congeners: A Metabolic Pathway to the Regulation of Immune Response and Inflammation. Annals of the New York Academy of Sciences, 2004, 1033, 132-138.	1.8	64
12	Î²-Sheet interfering molecules acting against Î²-amyloid aggregation and fibrillogenesis. Bioorganic and Medicinal Chemistry, 2015, 23, 1671-1683.	1.4	63
13	Bioenergetic Impairment in Animal and Cellular Models of Alzheimerâ€™s Disease: PARP-1 Inhibition Rescues Metabolic Dysfunctions. Journal of Alzheimer's Disease, 2016, 54, 307-324.	1.2	62
14	Antiviral activity of Lactobacillus brevis towards herpes simplex virus type 2: Role of cell wall associated components. Anaerobe, 2011, 17, 334-336.	1.0	61
15	Chemistry and Biochemistry of Sulfur Natural Compounds: Key Intermediates of Metabolism and Redox Biology. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-27.	1.9	52
16	Enzymatic Assay for the Determination of Olive Oil Polyphenol Content:Â Assay Conditions and Validation of the Method. Journal of Agricultural and Food Chemistry, 2000, 48, 297-301.	2.4	49
17	Lipoxygenase/H2O2-catalyzed oxidation of dihydroxyindoles: synthesis of melanin pigments and study of their antioxidant properties. Free Radical Biology and Medicine, 1999, 26, 446-453.	1.3	48
18	Improved Stability of trans-Resveratrol in Aqueous Solutions by Carboxymethylated (1,3/1,6)-Î²-<scp>d</scp>-Glucan. Journal of Agricultural and Food Chemistry, 2014, 62, 1520-1525.	2.4	47

#	Article	IF	Citations
19	Proline synthesis in developing microspores is required for pollen development and fertility. BMC Plant Biology, 2018, 18, 356.	1.6	46
20	Vaginal microbiota and viral sexually transmitted diseases. Annali Di Igiene: Medicina Preventiva E Di Comunita, 2013, 25, 443-56.	0.5	44
21	Resveratrol inhibits rhinovirus replication and expression of inflammatory mediators in nasal epithelia. Antiviral Research, 2015, 123, 15-21.	1.9	42
22	Melanins From Tetrahydroisoquinolines. Free Radical Biology and Medicine, 1998, 24, 161-167.	1.3	35
23	Inhibition of Poly(ADP-ribose)polymerase impairs Epstein Barr Virus lytic cycle progression. Infectious Agents and Cancer, 2007, 2, 18.	1.2	35
24	Does Excess Weight Interfere with Bone Mass Accumulation during Adolescence?. Nutrients, 2013, 5, 2047-2061.	1.7	35
25	Extra-virgin olive oil phenols block cell cycle progression and modulate chemotherapeutic toxicity in bladder cancer cells. Oncology Reports, 2016, 36, 3095-3104.	1.2	35
26	Photoelectronic properties of synthetic melanins. Synthetic Metals, 1996, 76, 331-335.	2.1	34
27	Neuroprotective Effect ofBrassica oleraceaSprouts Crude Juice in a Cellular Model of Alzheimerâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-17.	1.9	34
28	Anti-Inflammatory Activity of A Polyphenolic Extract from Arabidopsis thaliana in In Vitro and In Vivo Models of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2019, 20, 708.	1.8	34
29	Modulation of apoptosis and improved redox metabolism with the use of a new antioxidant formula. Biochemical Pharmacology, 2002, 63, 1305-1314.	2.0	32
30	5â€Sâ€cysteinyldopamine neurotoxicity: Influence on the expression of Î±â€synuclein and ERp57 in cellular and animal models of Parkinson's disease. Journal of Neuroscience Research, 2014, 92, 347-358.	1.3	31
31	Erythrocyteâ€™s aging in microgravity highlights how environmental stimuli shape metabolism and morphology. Scientific Reports, 2018, 8, 5277.	1.6	31
32	Extra Virgin Olive Oil Phenols Suppress Migration and Invasion of T24 Human Bladder Cancer Cells Through Modulation of Matrix Metalloproteinase-2. Nutrition and Cancer, 2014, 66, 946-954.	0.9	26
33	Hyaluronanâ€Based Nanohydrogels for Targeting Intracellular S. Aureus in Human Keratinocytes. Advanced Healthcare Materials, 2018, 7, e1701483.	3.9	26
34	Production of melanin pigments by cytochrome c/H2O2 system. International Journal of Biochemistry and Cell Biology, 1998, 30, 457-463.	1.2	25
35	Fluorescence Properties of Melanins from Opioid Peptides. Archives of Biochemistry and Biophysics, 1999, 371, 63-69.	1.4	25
36	Probiotic Lactobacilli: A New Perspective for the Treatment of Inflammatory Bowel Disease. Current Pharmaceutical Design, 2003, 9, 1973-1980.	0.9	25

#	Article	IF	Citations
37	Biodistribution and intracellular localization of hyaluronan and its nanogels. A strategy to target intracellular S. aureus in persistent skin infections. Journal of Controlled Release, 2020, 326, 1-12.	4.8	24
38	Melanins production from enkephalins by tyrosinase. Biochemical and Biophysical Research Communications, 1992, 184, 1190-1196.	1.0	22
39	5-S-Cysteinyl-dopamine effect on the human dopaminergic neuroblastoma cell line SH-SY5Y. Neurochemistry International, 2006, 49, 262-269.	1.9	21
40	A Probiotic Preparation Hydrolyzes Gliadin and Protects Intestinal Cells from the Toxicity of Pro-Inflammatory Peptides. Nutrients, 2020, 12, 495.	1.7	21
41	Maternal Immune Activation in Mice Only Partially Recapitulates the Autism Spectrum Disorders Symptomatology. Neuroscience, 2020, 445, 109-119.	1.1	19
42	Some biochemical properties of melanins from opioid peptides. Biochimica Et Biophysica Acta - General Subjects, 1994, 1199, 123-129.	1.1	18
43	Pheomelanin Production by the Lipoxygenase-Catalyzed Oxidation of 5-S-Cysteinyldopa and 5-S-Cysteinyldopamine. Pigment Cell & Melanoma Research, 1996, 9, 117-125.	4.0	18
44	Isolation and Identification of 2,4,6-Trihydroxyphenanthrene as a Byproduct of trans-Resveratrol Photochemical Isomerization and Electrocyclization. Journal of Organic Chemistry, 2014, 79, 9381-9384.	1.7	18
45	Blueberry Counteracts BV-2 Microglia Morphological and Functional Switch after LPS Challenge. Nutrients, 2020, 12, 1830.	1.7	18
46	Spectroscopic features of native and bleached opio-melanins. Biochimica Et Biophysica Acta - General Subjects, 1995, 1243, 71-77.	1.1	17
47	Inhibition of Amyloid Peptide Fragment Aî²_{25â€“35} Fibrillogenesis and Toxicity by Nâ€Terminal Î²â€Amino Acidâ€Containing Esapeptides: Is Taurine Moiety Essential for In Vivo Effects?. Chemical Biology and Drug Design, 2012, 79, 30-37.	1.5	16
48	GD3 nuclear localization after apoptosis induction in HUT-78 cells. Biochemical and Biophysical Research Communications, 2008, 368, 495-500.	1.0	15
49	Natural Bioactive Compounds Acting against Oxidative Stress in Chronic, Degenerative, and Infectious Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	1.9	15
50	Poly(ADP-ribosylated) proteins in Î²-amyloid peptide-stimulated microglial cells. Biochemical Pharmacology, 2019, 167, 50-57.	2.0	15
51	Use of Ferritin-Based Metal-Encapsulated Nanocarriers as Anticancer Agents. Applied Sciences (Switzerland), 2017, 7, 101.	1.3	13
52	Green Route for the Isolation and Purification of Hyrdoxytyrosol, Tyrosol, Oleacein and Oleocanthal from Extra Virgin Olive Oil. Molecules, 2020, 25, 3654.	1.7	13
53	Biological Effects of MC2050, a Quinazolineâ€Based PARPâ€1 Inhibitor, in Human Neuroblastoma and EBVâ€Positive Burkittâ€²s Lymphoma Cells. ChemMedChem, 2011, 6, 606-611.	1.6	12
54	Effects of methanolic extract of sour cherry (Prunus cerasus L.) on microbial growth. International Journal of Food Science and Technology, 2012, 47, 1620-1629.	1.3	12

#	Article	IF	Citations
55	One- and Two-Electron Oxidations of Î²-Amyloid25-35 by Carbonate Radical Anion (CO3â€¢â^') and Peroxymonocarbonate (HCO4â^'): Role of Sulfur in Radical Reactions and Peptide Aggregation. Molecules, 2020, 25, 961.	1.7	12
56	Hyaluronan-Cholesterol Nanogels for the Enhancement of the Ocular Delivery of Therapeutics. Pharmaceutics, 2021, 13, 1781.	2.0	12
57	Neuroendocrine lung structures and tumours: immunohistochemical study by specific markers. Histology and Histopathology, 1988, 3, 367-76.	0.5	12
58	Hypophyseal pathology in AIDS. Histology and Histopathology, 1992, 7, 291-300.	0.5	11
59	Transient increase in neuronal chloride concentration by neuroactive aminoacids released from glioma cells. Frontiers in Molecular Neuroscience, 2012, 5, 100.	1.4	10
60	Insights into the Phytochemistry of the Cuban Endemic Medicinal Plant Phyllanthus orbicularis: Fideloside, a Novel Bioactive 8-C-glycosyl 2,3-Dihydroflavonol. Molecules, 2019, 24, 2855.	1.7	10
61	Gas Chromatographicâ€“Mass Spectrometric Method for the Simultaneous Determination of Resveratrol Isomers and 2,4,6-Trihydroxyphenanthrene in Red Wines Exposed to UV-Light. Journal of Agricultural and Food Chemistry, 2019, 67, 11752-11757.	2.4	10
62	Halting hyaluronidase activity with hyaluronan-based nanohydrogels: development of versatile injectable formulations. Carbohydrate Polymers, 2019, 221, 209-220.	5.1	10
63	Novel optimized biopolymer-based nanoparticles for nose-to-brain delivery in the treatment of depressive diseases. RSC Advances, 2020, 10, 28941-28949.	1.7	10
64	Dimers formation by cytochrome c-catalyzed oxidation of tyrosine and enkephalins. Amino Acids, 1997, 13, 273-280.	1.2	9
65	Characterization of catecholâ€thioetherâ€induced apoptosis in human SHâ€SY5Y neuroblastoma cells. Journal of Neuroscience Research, 2008, 86, 954-960.	1.3	9
66	HPLC Determination of Bioactive Sulfur Compounds, Amino Acids and Biogenic Amines in Biological Specimens. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 535-549.	0.8	9
67	Thiotaurine: From Chemical and Biological Properties to Role in H2S Signaling. Advances in Experimental Medicine and Biology, 2019, 1155, 755-771.	0.8	8
68	Interplay between Proline Metabolism and ROS in the Fine Tuning of Root-Meristem Size in Arabidopsis. Plants, 2022, 11, 1512.	1.6	8
69	Studies on Trans-Resveratrol/Carboxymethylated (1,3/1,6)-Î²-d-Glucan Association for Aerosol Pharmaceutical Applications. International Journal of Molecular Sciences, 2017, 18, 967.	1.8	7
70	Pheomelanin Effect on UVB Radiation-Induced Oxidation/Nitration of l-Tyrosine. International Journal of Molecular Sciences, 2022, 23, 267.	1.8	7
71	A Novel Direct Method for Determination of Riboflavin in Alcoholic Fermented Beverages. Food Analytical Methods, 2016, 9, 840-844.	1.3	6
72	<scp>ERp57</scp> chaperon protein protects neuronal cells from AÎ²â€induced toxicity. Journal of Neurochemistry, 2022, 162, 322-336.	2.1	6

#	Article	IF	Citations
73	An expedient synthesis of 2,5-dihydroxytyrosol and studies on its effects on cell growth inhibition. Arkivoc, 2008, 2008, 105-115.	0.3	5
74	Short- and Long-Term Immunological Responses in Chronic HCV/HIV Co-Infected Compared to HCV Mono-Infected Patients after DAA Therapy. Pathogens, 2021, 10, 1488.	1.2	5
75	Effect of Natural Deep Eutectic Solvents on trans-Resveratrol Photo-Chemical Induced Isomerization and 2,4,6-Trihydroxyphenanthrene Electro-Cyclic Formation. Molecules, 2022, 27, 2348.	1.7	5
76	Carbonate Anion Radical Generated by the Peroxidase Activity of Copper-Zinc Superoxide Dismutase: Scavenging of Radical and Protection of Enzyme by Hypotaurine and Cysteine Sulfinic Acid. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 551-561.	0.8	4
77	GO Nanosheets: Promising Nano Carrier for the S29,		