

# Maria-Grazia Martinoli

## List of Publications by Year in descending order

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55  
papers

3,354  
citations

172457  
29  
h-index

155660  
55  
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57  
all docs

57  
docs citations

57  
times ranked

4248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variants of the heavy neurofilament subunit are associated with the development of amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 1994, 3, 1757-1761.	2.9	452
2	A new orphan member of the nuclear hormone receptor superfamily that interacts with a subset of retinoic acid response elements.. <i>Molecular and Cellular Biology</i> , 1994, 14, 1544-1552.	2.3	450
3	Resveratrol and quercetin, two natural polyphenols, reduce apoptotic neuronal cell death induced by neuroinflammation. <i>Journal of Neuroscience Research</i> , 2008, 86, 403-410.	2.9	291
4	Rotenone induces non-specific central nervous system and systemic toxicity. <i>FASEB Journal</i> , 2004, 18, 717-719.	0.5	167
5	Protective Effects of Resveratrol and Quercetin Against MPP <sup>+</sup> -Induced Oxidative Stress Act by Modulating Markers of Apoptotic Death in Dopaminergic Neurons. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 1169-1180.	3.3	163
6	Resveratrol, a red wine polyphenol, protects dopaminergic neurons in MPTP-treated mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1243-1250.	4.8	161
7	Neuroprotective effect of estradiol and phytoestrogens on MPP <sup>+</sup> -induced cytotoxicity in neuronal PC12 cells. <i>Journal of Neuroscience Research</i> , 2002, 70, 90-96.	2.9	130
8	Quercetin and Sesamin Protect Dopaminergic Cells from MPP <sup>+</sup> -Induced Neuroinflammation in a Microglial (N9)-Neuronal (PC12) Coculture System. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-11.	4.0	112
9	The Ontogeny of Central Melatonin Binding Sites in the Rat. <i>Endocrinology</i> , 1991, 128, 2083-2090.	2.8	93
10	Considerations for the Use of Polyphenols as Therapies in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1883.	4.1	87
11	Distribution of GABA-immunoreactive neurons in the forebrain of the goldfish, <i>Carassius auratus</i> . <i>Cell and Tissue Research</i> , 1990, 260, 77-84.	2.9	78
12	Quercetin and Sesamin Protect Neuronal PC12 Cells from High-Glucose-Induced Oxidation, Nitrosative Stress, and Apoptosis. <i>Rejuvenation Research</i> , 2012, 15, 322-333.	1.8	71
13	Resveratrol Protects DAergic PC12 Cells from High Glucose-Induced Oxidative Stress and Apoptosis: Effect on p53 and GRP75 Localization. <i>Neurotoxicity Research</i> , 2014, 25, 110-123.	2.7	65
14	Sesamin Modulates Tyrosine Hydroxylase, Superoxide Dismutase, Catalase, Inducible NO Synthase and Interleukin-6 Expression in Dopaminergic Cells Under MPP <sup>+</sup> -Induced Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2008, 1, 54-62.	4.0	59
15	AMPA receptor properties in adult rat hippocampus following environmental enrichment. <i>Brain Research</i> , 1998, 799, 16-25.	2.2	54
16	Diabetes, a Contemporary Risk for Parkinson's Disease: Epidemiological and Cellular Evidences. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 302.	3.4	53
17	Organization of tyrosine hydroxylase immunopositive neurons in the brain of the crested newt, <i>Triturus cristatus carnifex</i> . <i>Journal of Comparative Neurology</i> , 1986, 251, 121-134.	1.6	50
18	Epigallocatechin-3-Gallate, a Promising Molecule for Parkinson's Disease?. <i>Rejuvenation Research</i> , 2015, 18, 257-269.	1.8	48

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19	Palmitic acid triggers inflammatory responses in N42 cultured hypothalamic cells partially via ceramide synthesis but not via TLR4. <i>Nutritional Neuroscience</i> , 2020, 23, 321-334.	3.1	48
20	24-Epibrassinolide, a Phytosterol from the Brassinosteroid Family, Protects Dopaminergic Cells against MPP <sup>+</sup> -Induced Oxidative Stress and Apoptosis. <i>Journal of Toxicology</i> , 2011, 2011, 1-13.	3.0	43
21	Oleuropein Prevents Neuronal Death, Mitigates Mitochondrial Superoxide Production and Modulates Autophagy in a Dopaminergic Cellular Model. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1293.	4.1	43
22	Effect of oxidative stress on stability and structure of neurofilament proteins. <i>Biochemistry and Cell Biology</i> , 2000, 78, 667-674.	2.0	40
23	Central GABAergic innervation of the pituitary in goldfish: A radioautographic and immunocytochemical study at the electron microscope level. <i>General and Comparative Endocrinology</i> , 1987, 67, 324-332.	1.8	38
24	Dopaminergic neurodegeneration in a rat model of long-term hyperglycemia: preferential degeneration of the nigrostriatal motor pathway. <i>Neurobiology of Aging</i> , 2018, 69, 117-128.	3.1	36
25	Alpha and beta estradiol protect neuronal but not native PC12 cells from paraquat-induced oxidative stress. <i>Neurotoxicity Research</i> , 2004, 6, 141-148.	2.7	35
26	Cucurbitacin E Has Neuroprotective Properties and Autophagic Modulating Activities on Dopaminergic Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-15.	4.0	35
27	Thyroid and Glucocorticoid Hormone Regulation of Rat Pituitary Growth Hormone Messenger Ribonucleic Acid as Revealed by <i>in Situ</i> Hybridization. <i>Endocrinology</i> , 1989, 125, 1246-1252.	2.8	34
28	Growth Hormone and Somatostatin Gene Expression in Adult and Aging Rats as Measured by Quantitative <i>in situ</i> Hybridization. <i>Neuroendocrinology</i> , 1991, 54, 607-615.	2.5	34
29	Apolipoprotein E genotype in schizophrenia. <i>NeuroReport</i> , 1997, 8, 1523-1526.	1.2	34
30	Resveratrol as a Protective Molecule for Neuroinflammation: A Review of Mechanisms. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 318-329.	1.6	29
31	Cucurbitacin E, An Experimental Lead Triterpenoid with Anticancer, Immunomodulatory and Novel Effects Against Degenerative Diseases. A Mini-Review. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1708-1713.	2.1	27
32	Effects of Estradiol, Phytoestrogens, and Ginkgo Biloba Extracts Against 1-Methyl-4-phenyl-pyridine-Induced Oxidative Stress. <i>Endocrine</i> , 2003, 21, 89-96.	2.2	25
33	Development of an Insert Co-culture System of Two Cellular Types in the Absence of Cell-Cell Contact. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	23
34	Modulation of Prolactin Expression by Xenoestrogens. <i>General and Comparative Endocrinology</i> , 2002, 126, 175-182.	1.8	22
35	Brassinosteroids and analogs as neuroprotectors: Synthesis and structure-activity relationships. <i>Steroids</i> , 2012, 77, 91-99.	1.8	22
36	Oxidative Stress and 17 $\beta$ - and 17 $\alpha$ -Estradiol Modulate Neurofilaments Differently. <i>Journal of Molecular Neuroscience</i> , 2006, 30, 297-310.	2.3	21

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37	Regional changes of striatal dopamine receptors following denervation by 6-hydroxydopamine and fetal mesencephalic grafts in the rat. <i>Brain Research</i> , 1991, 558, 251-263.	2.2	20
38	Anti-Apoptotic and Anti-Inflammatory Role of Trans $\mu$ -Viniferin in a Neuron-Glia Co-Culture Cellular Model of Parkinson's Disease. <i>Foods</i> , 2021, 10, 586.	4.3	18
39	The Neuroinflammatory and Neurotoxic Potential of Palmitic Acid Is Mitigated by Oleic Acid in Microglial Cells and Microglial-Neuronal Co-cultures. <i>Molecular Neurobiology</i> , 2021, 58, 3000-3014.	4.0	16
40	Dopamine D2 agonists, bromocriptine and quinpirole, increase MPP <sup>+</sup> -induced toxicity in PC12 cells. <i>Neurotoxicity Research</i> , 2006, 10, 31-42.	2.7	14
41	Combined Effect of Xenoestrogens and Growth Factors in Two Estrogen-Responsive Cell Lines. <i>Endocrine</i> , 2002, 18, 303-308.	2.2	13
42	Isolation of IFAPa-400 cDNAs: evidence for a transient cytostructural gene activity common to the precursor cells of the myogenic and the neurogenic cell lineages. <i>Developmental Brain Research</i> , 1992, 70, 173-180.	1.7	12
43	Strain-related variations of AMPA receptor modulation by calcium-dependent mechanisms in the hippocampus: contribution of lipoxygenase metabolites of arachidonic acid. <i>Brain Research</i> , 2004, 1010, 134-143.	2.2	12
44	Alterations of intermediate filaments in various histopathological conditions. <i>Biochemistry and Cell Biology</i> , 1995, 73, 627-634.	2.0	10
45	The effects of UVR irradiance and spectral composition on yellow perch ( <i>Perca flavescens</i> ) larvae survival. <i>Aquatic Sciences</i> , 2011, 73, 345-354.	1.5	10
46	17 $\beta$ -Estradiol Delays 6-OHDA-Induced Apoptosis by Acting on Nur77 Translocation from the Nucleus to the Cytoplasm. <i>Neurotoxicity Research</i> , 2014, 25, 124-134.	2.7	10
47	Sympathetic regulation and anterior cingulate cortex volume are altered in a rat model of chronic back pain. <i>Neuroscience</i> , 2017, 352, 9-18.	2.3	10
48	Ontogenesis and Sexual Dimorphism of Rat Growth Hormone Messenger Ribonucleic Acid as Studied by in situ Hybridization. <i>Journal of Neuroendocrinology</i> , 1990, 2, 613-619.	2.6	7
49	Dihydrotestosterone (DHT) regulation of insulin-like growth factor II mRNA in neonatal rats. <i>Peptides</i> , 1991, 12, 1267-1271.	2.4	5
50	Activation of Antioxidant and Proteolytic Pathways in the Nigrostriatal Dopaminergic System After 3,4-Methylenedioxymethamphetamine Administration: Sex-Related Differences. <i>Frontiers in Pharmacology</i> , 2021, 12, 713486.	3.5	5
51	Ontogeny of Ha-ras and c-myc mRNA levels in rabbit embryo and extraembryonic tissues by quantitative in situ hybridization. <i>Molecular Reproduction and Development</i> , 1992, 31, 1-8.	2.0	4
52	In vitro modulation of prolactin mRNA by toxaphene and 3,3',4,4'-tetrachlorobiphenyl. <i>Environmental Research</i> , 2003, 92, 207-212.	7.5	3
53	Modulation of Specific Apoptotic DNA Fragmentation after Short Term Exposure to Natural UVR in Fish Larvae. <i>Open Journal of Apoptosis</i> , 2014, 03, 39-51.	1.5	3
54	The sweet road to Parkinson's disease. <i>Aging</i> , 2019, 11, 853-854.	3.1	1

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55	Apolipoprotein E ε4 allele and schizophrenia. NeuroReport, 1997, 8, ii-ii.	1.2	0