

# Marta Menegazzi

## List of Publications by Year in descending order

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94  
papers

3,705  
citations

101496

36  
h-index

138417

58  
g-index

95  
all docs

95  
docs citations

95  
times ranked

4494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Nitric Oxide Synthase mRNA Expression. <i>Journal of Biological Chemistry</i> , 1995, 270, 26731-26733.	1.6	204
2	Epigallocatechin-3-gallate inhibits STAT1 activation and protects cardiac myocytes from ischemia/reperfusion-induced apoptosis. <i>FASEB Journal</i> , 2004, 18, 1621-1623.	0.2	168
3	Poly(ADP-ribose) polymerase: Early involvement in glutamate-induced neurotoxicity in cultured cerebellar granule cells. <i>Journal of Neuroscience Research</i> , 1994, 39, 38-46.	1.3	125
4	Cyclin D1 is an early target in hepatocyte proliferation induced by thyroid hormone (T3). <i>FASEB Journal</i> , 2001, 15, 1006-1013.	0.2	123
5	C-fos mRNA is Spontaneously Induced in the Rat Brain During the Activity Period of the Circadian Cycle. <i>European Journal of Neuroscience</i> , 1993, 5, 1071-1078.	1.2	108
6	Green Tea Inhibits Human Inducible Nitric-Oxide Synthase Expression by Down-Regulating Signal Transducer and Activator of Transcription-1 Activation. <i>Molecular Pharmacology</i> , 2004, 65, 111-120.	1.0	105
7	GREEN TEA POLYPHENOL EXTRACT ATTENUATES ZYMOSAN-INDUCED NON-SEPTIC SHOCK IN MICE. <i>Shock</i> , 2006, 26, 402-409.	1.0	104
8	Glycyrrhizin attenuates the development of carrageenan-induced lung injury in mice. <i>Pharmacological Research</i> , 2008, 58, 22-31.	3.1	101
9	Anti-inflammatory Action of EGCG, the Main Component of Green Tea, through STAT1 Inhibition. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 435-437.	1.8	91
10	In vivo hepatocyte proliferation is inducible through a TNF and IL-6-independent pathway. <i>Oncogene</i> , 1998, 17, 1039-1044.	2.6	90
11	Gadd45 <sup>2</sup> is induced through a CAR-dependent, TNF-independent pathway in murine liver hyperplasia. <i>Hepatology</i> , 2005, 42, 1118-1126.	3.6	90
12	Anti-Inflammatory Actions of St. John's Wort: Inhibition of Human Inducible Nitric-Oxide Synthase Expression by Down-Regulating Signal Transducer and Activator of Transcription-1 (STAT-1) Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 254-261.	1.3	88
13	STAT1 as a New Molecular Target of Anti-Inflammatory Treatment. <i>Current Medicinal Chemistry</i> , 2005, 12, 1819-1828.	1.2	82
14	Protective Effect of Epigallocatechin-3-Gallate (EGCG) in Diseases with Uncontrolled Immune Activation: Could Such a Scenario Be Helpful to Counteract COVID-19?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5171.	1.8	81
15	Targeting STAT1 by myricetin and delphinidin provides efficient protection of the heart from ischemia/reperfusion-induced injury. <i>FEBS Letters</i> , 2009, 583, 531-541.	1.3	80
16	Green tea polyphenol extract attenuates colon injury induced by experimental colitis. <i>Free Radical Research</i> , 2005, 39, 1017-1025.	1.5	74
17	Biochemical Aspects of Nitric Oxide. <i>Current Pharmaceutical Design</i> , 2004, 10, 1627-1645.	0.9	73
18	Adipocytes WNT5a mediated dedifferentiation: a possible target in pancreatic cancer microenvironment. <i>Oncotarget</i> , 2016, 7, 20223-20235.	0.8	71

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19	Role of mitochondrial uncoupling protein 2 in cancer cell resistance to gemcitabine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1856-1863.	1.9	70
20	Anti-interferon- $\beta$ action of epigallocatechin-gallate mediated by specific inhibition of STAT1 activation. <i>FASEB Journal</i> , 2001, 15, 1309-1311.	0.2	68
21	Liver cell proliferation induced by nafenopin and cyproterone acetate is not associated with increases in activation of transcription factors NF- $\kappa$ B and AP-1 or with expression of tumor necrosis factor $\alpha$ . <i>Hepatology</i> , 1997, 25, 585-592.	3.6	67
22	Studies of the relationship between cell proliferation and cell death. II. Early gene expression during concanavalin A-induced proliferation or dexamethasone-induced apoptosis of rat thymocytes. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 1261-1266.	1.0	62
23	The Stimulation of Inducible Nitric-oxide Synthase by the Prion Protein Fragment 106-126 in Human Microglia Is Tumor Necrosis Factor- $\alpha$ -dependent and Involves p38 Mitogen-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 25692-25696.	1.6	60
24	Autophagy induced by p53-reactivating molecules protects pancreatic cancer cells from apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 337-346.	2.2	59
25	Differences in the steady-state levels of c-fos, c-jun and c-myc messenger RNA during mitogen-induced liver growth and compensatory regeneration. <i>Hepatology</i> , 1993, 17, 1109-1116.	3.6	58
26	Mediastinal large-cell lymphoma with sclerosis. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1987, 412, 17-21.	1.4	55
27	The variations during the circadian cycle of liver CD1d-unrestricted NK1.1+TCR $\beta$ <sup>+</sup> cells lead to successful ageing. Role of metallothionein/IL-6/gp130/PARP-1 interplay in very old mice. <i>Experimental Gerontology</i> , 2004, 39, 775-788.	1.2	55
28	Green tea polyphenol extract attenuates lung injury in experimental model of carrageenan-induced pleurisy in mice. <i>Respiratory Research</i> , 2005, 6, 66.	1.4	48
29	Modulation of nitric oxide homeostasis in a mouse model of spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 145-153.	0.9	45
30	HYPERICUM PERFORATUM ATTENUATES THE DEVELOPMENT OF CERULEIN-INDUCED ACUTE PANCREATITIS IN MICE. <i>Shock</i> , 2006, 25, 161-167.	1.0	43
31	Protective effects of St. John's wort extract and its component hyperforin against cytokine-induced cytotoxicity in a pancreatic $\beta$ -cell line. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1509-1521.	1.2	43
32	Induction of poly(ADP-ribose) polymerase gene expression in lectin-stimulated human T lymphocytes is dependent on protein synthesis. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 995-999.	1.0	41
33	Molecular features of primary mediastinal B-cell lymphoma: involvement of p16INK4A, p53 and c-myc. <i>British Journal of Haematology</i> , 1999, 107, 106-113.	1.2	40
34	Phenylpropanoid glycosides from plant cell cultures induce heme oxygenase 1 gene expression in a human keratinocyte cell line by affecting the balance of NRF2 and BACH1 transcription factors. <i>Chemico-Biological Interactions</i> , 2012, 199, 87-95.	1.7	40
35	Rapid Inactivation of NOS-I by Lipopolysaccharide Plus Interferon- $\beta$ -induced Tyrosine Phosphorylation. <i>Journal of Biological Chemistry</i> , 1999, 274, 9915-9917.	1.6	38
36	Hypericum perforatum attenuates the development of carrageenan-induced lung injury in mice. <i>Free Radical Biology and Medicine</i> , 2006, 40, 740-753.	1.3	38

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37	GLYCYRRHIZIN REDUCES SECONDARY INFLAMMATORY PROCESS AFTER SPINAL CORD COMPRESSION INJURY IN MICE. <i>Shock</i> , 2009, 31, 367-375.	1.0	38
38	Direct Interaction of Garcinol and Related Polyisoprenylated Benzophenones of <i>Garcinia cambogia</i> Fruits with the Transcription Factor STAT-1 as a Likely Mechanism of Their Inhibitory Effect on Cytokine Signaling Pathways. <i>Journal of Natural Products</i> , 2014, 77, 543-549.	1.5	36
39	Green tea polyphenol extract attenuates ischemia/reperfusion injury of the gut. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005, 371, 364-374.	1.4	31
40	Protective Role of <i>St. John's Wort</i> and Its Components Hyperforin and Hypericin against Diabetes through Inhibition of Inflammatory Signaling: Evidence from In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8108.	1.8	31
41	Anti-Tumor Activity of <i>Hypericum perforatum</i> L. and Hyperforin through Modulation of Inflammatory Signaling, ROS Generation and Proton Dynamics. <i>Antioxidants</i> , 2021, 10, 18.	2.2	31
42	Nitric oxide in the liver: Physiopathological roles. <i>Advances in Neuroimmunology</i> , 1995, 5, 379-410.	1.8	30
43	Changes in activity and mRNA levels of poly(ADP-ribose) polymerase during rat liver regeneration. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990, 1087, 241-246.	2.4	29
44	Biological Activities of Secretory RNases: Focus on Their Oligomerization to Design Antitumor Drugs. <i>Frontiers in Immunology</i> , 2019, 10, 2626.	2.2	29
45	Differential expression of poly(ADP-ribose) polymerase and DNA polymerase $\beta$ in rat tissues. <i>Experimental Cell Research</i> , 1991, 197, 66-74.	1.2	28
46	Epigallocatechin-3-Gallate Reduces Allergen-Induced Asthma-Like Reaction in Sensitized Guinea Pigs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1002-1011.	1.3	28
47	Protective effects of glycyrrhizin in a gut hypoxia (ischemia)-reoxygenation (reperfusion) model. <i>Intensive Care Medicine</i> , 2009, 35, 687-697.	3.9	27
48	<i>St. John's wort</i> extract and hyperforin inhibit multiple phosphorylation steps of cytokine signaling and prevent inflammatory and apoptotic gene induction in pancreatic $\beta$ cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 92-104.	1.2	27
49	Protective effect of <i>Hypericum perforatum</i> in zymosan-induced multiple organ dysfunction syndrome: Relationship to its inhibitory effect on nitric oxide production and its peroxynitrite scavenging activity. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 118-130.	1.2	26
50	NF- $\kappa$ B and ERK cooperate to stimulate DNA synthesis by inducing ornithine decarboxylase and nitric oxide synthase in cardiomyocytes treated with TNF and LPS. <i>FEBS Letters</i> , 2002, 512, 75-79.	1.3	25
51	Activation of human monocyte-derived macrophages by interferon $\beta$ is accompanied by increase of poly(ADP-ribose) polymerase activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1091, 101-109.	1.9	24
52	Cherenkov radiation imaging of beta emitters: in vitro and in vivo results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 648, S310-S312.	0.7	24
53	EFFECTS OF HYPERICUM PERFORATUM EXTRACT IN A RAT MODEL OF ISCHEMIA AND REPERFUSION INJURY. <i>Shock</i> , 2005, 24, 255-263.	1.0	23
54	NEUROPROTECTION AND ENHANCED RECOVERY WITH HYPERICUM PERFORATUM EXTRACT AFTER EXPERIMENTAL SPINAL CORD INJURY IN MICE. <i>Shock</i> , 2006, 25, 608-617.	1.0	23

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55	St. John's wort extract and hyperforin protect rat and human pancreatic islets against cytokine toxicity. <i>Acta Diabetologica</i> , 2014, 51, 113-121.	1.2	23
56	Regulation of poly(ADP-ribose) polymerase mRNA levels during compensatory and mitogen-induced growth of rat liver. <i>Archives of Biochemistry and Biophysics</i> , 1990, 279, 232-236.	1.4	22
57	Differential expression pattern of jun B and c-jun in the rat brain during the 24-h cycle. <i>Neuroscience Letters</i> , 1994, 182, 295-298.	1.0	22
58	Influence of onconase in the therapeutic potential of PARP inhibitors in A375 malignant melanoma cells. <i>Biochemical Pharmacology</i> , 2019, 167, 173-181.	2.0	19
59	Poly(ADP-Ribose) Polymerase (PARP) Revisited.. <i>Annals of the New York Academy of Sciences</i> , 1997, 825, 366-379.	1.8	18
60	Correlation of poly(ADP-ribose)polymerase and p53 expression levels in high-grade lymphomas. , 1999, 25, 256-261.		18
61	Asthma and poly(ADP-ribose) polymerase inhibition: a new therapeutic approach. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 281-293.	2.0	18
62	Collagen I and III mRNA gene expression and cell growth potential of skin fibroblasts in patients with essential hypertension. <i>Journal of Hypertension</i> , 2002, 20, 1393-1399.	0.3	17
63	Doppler analysis and placental nitric oxide synthase expression during fetal growth restriction. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 617-622.	0.7	17
64	Effects of lead on red blood cell membrane proteins. <i>International Archives of Occupational and Environmental Health</i> , 1988, 61, 71-75.	1.1	15
65	TPA and cycloheximide modulate the activation of NF- $\kappa$ B and the induction and stability of nitric oxide synthase transcript in primary neonatal rat hepatocytes. <i>FEBS Letters</i> , 1996, 379, 279-285.	1.3	15
66	Early nuclear factor- $\kappa$ B activation and inducible nitric oxide synthase expression in injured spinal cord neurons correlating with a diffuse reduction of constitutive nitric oxide synthase activity. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 485-493.	0.9	15
67	Polymorphism $\sim$ 2604G>A variants in TLR4 promoter are associated with different gene expression level in peripheral blood of atherosclerotic patients. <i>Journal of Human Genetics</i> , 2013, 58, 812-814.	1.1	14
68	Direct interaction of natural and synthetic catechins with signal transducer activator of transcription 1 affects both its phosphorylation and activity. <i>FEBS Journal</i> , 2014, 281, 724-738.	2.2	14
69	Increase of poly(ADP-ribose) polymerase mRNA levels during TPA-induced differentiation of human lymphocytes. <i>FEBS Letters</i> , 1992, 297, 59-62.	1.3	13
70	Can <i>Hypericum perforatum</i> (<sc>SJW</sc>) prevent cytokine storm in <sc>COVID</sc>-19 patients?. <i>Phytotherapy Research</i> , 2020, 34, 1471-1473.	2.8	12
71	Placental expression of nitric oxide synthase during HELLP syndrome: the correlation with maternal-fetal Doppler velocimetry. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 849-853.	1.3	11
72	Onconase Restores Cytotoxicity in Dabrafenib-Resistant A375 Human Melanoma Cells and Affects Cell Migration, Invasion and Colony Formation Capability. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5980.	1.8	11

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73	Transcription factor expression, RNA synthesis and NADPH-diaphorase across the rat brain and exposure to spatial novelty. <i>Behavioural Brain Research</i> , 2007, 184, 91-100.	1.2	10
74	PARP inhibition treatment in a nonconventional experimental mouse model of chronic asthma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1301-1313.	1.4	10
75	Induction of DNA polymerase $\beta$ during proliferation of mitogen-stimulated human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 623-628.	1.0	9
76	The exposure of carcinogen-initiated primary neonatal rat hepatocytes to tumor promoters modulates both the transcripts and the enzymatic activity of nuclear poly(ADP-ribose) polymerase. <i>Biochemical and Biophysical Research Communications</i> , 1992, 182, 1066-1074.	1.0	9
77	Involvement of DNA polymerase $\beta$ in proliferation of rat liver induced by lead nitrate or partial hepatectomy. <i>FEBS Letters</i> , 1992, 310, 135-138.	1.3	9
78	Persistence of STAT-1 inhibition and induction of cytokine resistance in pancreatic $\beta$ cells treated with St John's wort and its component hyperforin. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 71, 93-103.	1.2	9
79	$\beta$ -Glutamyltransferase catabolism of S-nitrosoglutathione modulates IL-8 expression in cystic fibrosis bronchial epithelial cells. <i>Free Radical Biology and Medicine</i> , 2013, 65, 360-370.	1.3	7
80	DNA Repair Enzymes in the Brain.. <i>Annals of the New York Academy of Sciences</i> , 1992, 663, 432-435.	1.8	6
81	3,5-Dicaffeoylquinic Acid Lowers 3T3-L1 Mitotic Clonal Expansion and Adipocyte Differentiation by Enhancing Heme Oxygenase-1 Expression. <i>Molecules</i> , 2021, 26, 5027.	1.7	6
82	The crystal structure of the domain-swapped dimer of onconase highlights some catalytic and antitumor activity features of the enzyme. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 560-571.	3.6	6
83	Salviolone from <i>Salvia miltiorrhiza</i> Roots Impairs Cell Cycle Progression, Colony Formation, and Metalloproteinase-2 Activity in A375 Melanoma Cells: Involvement of P21(Cip1/Waf1) Expression and STAT3 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1121.	1.8	6
84	Phosphorylation of pyridoxal 5-phosphate enzymes: an intriguing and neglected topic. <i>Amino Acids</i> , 2018, 50, 205-215.	1.2	5
85	RNase A Domain-Swapped Dimers Produced Through Different Methods: Structure's Catalytic Properties and Antitumor Activity. <i>Life</i> , 2021, 11, 168.	1.1	5
86	Role of the Ribonuclease ONCONASE in miRNA Biogenesis and tRNA Processing: Focus on Cancer and Viral Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6556.	1.8	5
87	Three Arachidonoylamide Derivatives Inhibit Pro-Inflammatory Genes Expression by Modulating NF- $\kappa$ B and AP1 Activities. <i>Medicinal Chemistry</i> , 2016, 12, 662-673.	0.7	4
88	The beclomethasone anti-inflammatory effect occurs in cell/mediator-dependent manner and is additively enhanced by formoterol: NF $\kappa$ B, p38, PKA analysis. <i>Life Sciences</i> , 2018, 203, 27-38.	2.0	3
89	Upregulation of miR-34a-5p, miR-20a-3p and miR-29a-3p by Onconase in A375 Melanoma Cells Correlates with the Downregulation of Specific Onco-Proteins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1647.	1.8	3
90	Placental expression of nitric oxide synthase during HELLP syndrome: the correlation with maternal-fetal Doppler velocimetry. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2005, 84, 849-853.	1.3	1

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91	On the presence of DNA polymerase $\hat{\pm}$ in human lymphocyte nuclei and chromosomes. Heredity, 1996, 77, 186-191.	1.2	0
92	TNF and LPS increase the resistance to induction of apoptosis in chick embryo cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2001, 33, A22.	0.9	0
93	PROTECTIVE EFFECT OF HYPERICUM PERFORATUM IN ZYMOSAN-INDUCED MULTIPLE ORGAN DYSFUNCTION SYNDROME. Shock, 2006, 26, 39-40.	1.0	0
94	Expression of the gene for poly(ADP-ribose) polymerase and DNA polymerase beta in rat tissues and in proliferating cells. , 1992, , 86-91.		0