

Monica Montagnani

List of Publications by Year in Descending Order

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Version: 2024-04-17

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

6,093
citations

30
h-index

78
g-index

80
ext. papers

6,625
ext. citations

5.4
avg, IF

5.54
L-index

#	Paper	IF	Citations
74	Metabolic disorders and gastroenteropancreatic-neuroendocrine tumors (GEP-NETs): How do they influence each other? An Italian Association of Medical Oncology (AIOM)/ Italian Association of Medical Diabetologists (AMD)/ Italian Society of Endocrinology (SIE)/ Italian Society of	7	1
73	Antineoplastic dosing in overweight and obese cancer patients: an Associazione Italiana Oncologia Medica (AIOM)/Associazione Medici Diabetologi (AMD)/Societ�Italiana Endocrinologia (SIE)/Societ�Italiana Farmacologia (SIF) multidisciplinary consensus position paper. <i>ESMO Open</i> , 2021 , 6, 100153	6	3
72	Cardiac Involvement in COVID-19 Patients: A Contemporary Review. <i>Infectious Disease Reports</i> , 2021 , 13, 494-517	0.6	4
71	Early prediction of pancreatic cancer from new-onset diabetes: an Associazione Italiana Oncologia Medica (AIOM)/Associazione Medici Diabetologi (AMD)/Societ�Italiana Endocrinologia (SIE)/Societ�Italiana Farmacologia (SIF) multidisciplinary consensus position paper. <i>ESMO Open</i> , 2021 , 6, 100155	6	3
70	MicroRNAs as a Potential New Preventive Approach in the Transition from Asymptomatic to Symptomatic Multiple Myeloma Disease. <i>Cancers</i> , 2021 , 13,	6.6	4
69	Potential beneficial role of probiotics on the outcome of COVID-19 patients: An evolving perspective. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021 , 15, 295-301	8.9	30
68	Diabetes and Alzheimer's Disease: Might Mitochondrial Dysfunction Help Deciphering the Common Path?. <i>Antioxidants</i> , 2021 , 10,	7.1	6
67	Botulinum Neurotoxins (BoNTs) and Their Biological, Pharmacological, and Toxicological Issues: A Scoping Review. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8849	2.6	0
66	Endothelial Dysfunction May Link Interatrial Septal Abnormalities and MTHFR-Inherited Defects to Cryptogenic Stroke Predisposition. <i>Biomolecules</i> , 2020 , 10,	5.9	3
65	The Intrinsic Virtues of EGCG, an , on Prevention and Treatment of Diabetes Complications. <i>Molecules</i> , 2020 , 25,	4.8	10
64	Management of metabolic adverse events of targeted therapies and immune checkpoint inhibitors in cancer patients: an Associazione Italiana Oncologia Medica (AIOM)/Associazione Medici Diabetologi (AMD)/Societ�Italiana Farmacologia (SIF) multidisciplinary consensus position paper. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 154, 103066	7	2
63	Endothelial dysfunction due to selective insulin resistance in vascular endothelium: insights from mechanistic modeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E629-E646	6.46	21
62	Can Epigenetics of Endothelial Dysfunction Represent the Key to Precision Medicine in Type 2 Diabetes Mellitus?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
61	Activation of AMPK/SIRT1 axis is required for adiponectin-mediated preconditioning on myocardial ischemia-reperfusion (I/R) injury in rats. <i>PLoS ONE</i> , 2019 , 14, e0210654	3.7	37
60	Pulsatile antagonism on bradykinin 2-receptor (BK2R) by icatibant triggers the most effective kinin-dependent post-conditioning on rat hearts. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 4439-4447	2.9	
59	Discovery of N-{3-[(ethanimidoylamino)methyl]benzyl}-l-prolinamide dihydrochloride: A new potent and selective inhibitor of the inducible nitric oxide synthase as a promising agent for the therapy of malignant glioma. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 53-64	6.8	13
58	Calcimimetic R-568 vasodilatory effect on mesenteric vascular beds from normotensive (WKY) and spontaneously hypertensive (SHR) rats. Potential involvement of vascular smooth muscle cells (vSMCs). <i>PLoS ONE</i> , 2018 , 13, e0202354	3.7	4

57	Targeting endothelial metaflammation to counteract diabetes cardiovascular risk: Current and perspective therapeutic options. <i>Pharmacological Research</i> , 2017 , 120, 226-241	10.2	16
56	Infliximab therapy restores adiponectin expression in perivascular adipose tissue and improves endothelial nitric oxide-mediated vasodilation in mice with type 1 diabetes. <i>Vascular Pharmacology</i> , 2016 , 87, 83-91	5.9	10
55	Chronic treatment with epigallocatechin gallate reduces motor hyperactivity and affects in vitro tested intestinal motility of spontaneously hypertensive rats. <i>Food and Nutrition Research</i> , 2016 , 60, 2837-2847	3.1	4
54	Vitamin D Supplementation for Premenstrual Syndrome-Related Mood Disorders in Adolescents with Severe Hypovitaminosis D. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2016 , 29, 357-61	2	16
53	Assessment of resveratrol, apocynin and taurine on mechanical-metabolic uncoupling and oxidative stress in a mouse model of duchenne muscular dystrophy: A comparison with the gold standard, Methyl prednisolone. <i>Pharmacological Research</i> , 2016 , 106, 101-113	10.2	24
52	Carbon monoxide contributes to the constipating effects of granisetron in rat colon. <i>World Journal of Gastroenterology</i> , 2016 , 22, 9333-9345	5.6	2
51	Endothelial and Metabolic Function Interactions in Overweight/Obese Children. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016 , 23, 950-9	4	13
50	Selective Acetamidine-Based Nitric Oxide Synthase Inhibitors: Synthesis, Docking, and Biological Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 635-40	4.3	22
49	Males with low serum levels of vitamin D have lower pregnancy rates when ovulation induction and timed intercourse are used as a treatment for infertile couples: results from a pilot study. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 127	5	20
48	Galloyl benzamide-based compounds modulating tumour necrosis factor β -stimulated c-Jun N-terminal kinase and p38 mitogen-activated protein kinase signalling pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 1380-92	4.8	3
47	Dehydroepiandrosterone decreases the age-related decline of the in vitro fertilization outcome in women younger than 40 years old. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 18	5	30
46	The putative metabolic role of d-chiro inositol phosphoglycan in human pregnancy and preeclampsia. <i>Journal of Reproductive Immunology</i> , 2014 , 101-102, 140-147	4.2	14
45	Intermittent losartan administration triggers cardiac post-conditioning in isolated rat hearts: role of BK2 receptors. <i>PLoS ONE</i> , 2014 , 9, e88542	3.7	4
44	Increased antioxidant defense mechanism in human adventitia-derived progenitor cells is associated with therapeutic benefit in ischemia. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 1591-604	8.4	26
43	Intermittent low-dose finasteride administration is effective for treatment of hirsutism in adolescent girls: a pilot study. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2014 , 27, 161-5	2	22
42	Augmenter of liver regeneration, a protective factor against ROS-induced oxidative damage in muscle tissue of mitochondrial myopathy affected patients. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 2410-9	5.6	17
41	Elevated endothelin-1 (ET-1) levels may contribute to hypoadiponectinemia in childhood obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E683-93	5.6	17
40	Hemin and Zinc Protoporphyrin IX Affect Granisetron Constipating Effects In Vitro and In Vivo. <i>ISRN Gastroenterology</i> , 2013 , 2013, 612037		1

39	Role of lipotoxicity in endothelial dysfunction. <i>Heart Failure Clinics</i> , 2012 , 8, 589-607	3.3	73
38	Rosiglitazone reverses increased duodenal inhibitory response in spontaneously hypertensive rats. <i>Neurogastroenterology and Motility</i> , 2012 , 24, e56-66	4	1
37	Determinants of evolving metabolic and cardiovascular benefit/risk profiles of rosiglitazone therapy during the natural history of diabetes: molecular mechanisms in the context of integrated pathophysiology. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E1171-82	6	11
36	In-vivo administration of CLC-K kidney chloride channels inhibitors increases water diuresis in rats: a new drug target for hypertension?. <i>Journal of Hypertension</i> , 2012 , 30, 153-67	1.9	22
35	Enalapril treatment discloses an early role of angiotensin II in inflammation- and oxidative stress-related muscle damage in dystrophic mdx mice. <i>Pharmacological Research</i> , 2011 , 64, 482-92	10.2	52
34	Cardiovascular complications in diabetes: lessons from animal models. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1806-19	4.3	27
33	Globular adiponectin counteracts VCAM-1-mediated monocyte adhesion via AdipoR1/NF-B/COX-2 signaling in human aortic endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1143-54	6	35
32	Endothelial dysfunction in diabetes: from mechanisms to therapeutic targets. <i>Current Medicinal Chemistry</i> , 2009 , 16, 94-112	4.3	204
31	Treatment of spontaneously hypertensive rats with rosiglitazone ameliorates cardiovascular pathophysiology via antioxidant mechanisms in the vasculature. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E685-94	6	36
30	Molecular and clinical aspects of endothelial dysfunction in diabetes. <i>Internal and Emergency Medicine</i> , 2009 , 4, 107-16	3.7	31
29	Mitochondria and reactive oxygen species. <i>Hypertension</i> , 2009 , 53, 885-92	8.5	158
28	Multiple pathological events in exercised dystrophic mdx mice are targeted by pentoxifylline: outcome of a large array of in vivo and ex vivo tests. <i>Journal of Applied Physiology</i> , 2009 , 106, 1311-24	3.7	69
27	Vascular actions of insulin with implications for endothelial dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E568-77	6	101
26	Endothelial dysfunction in mice with streptozotocin-induced type 1 diabetes is opposed by compensatory overexpression of cyclooxygenase-2 in the vasculature. <i>Endocrinology</i> , 2009 , 150, 849-61	4.8	52
25	Diabetic cardiomyopathy: how much does it depend on AGE?. <i>British Journal of Pharmacology</i> , 2008 , 154, 725-6	8.6	20
24	Abnormal insulin signaling: early detection of silent coronary artery disease-erectile dysfunction?. <i>Current Pharmaceutical Design</i> , 2008 , 14, 3737-48	3.3	8
23	Cardiovascular actions of insulin. <i>Endocrine Reviews</i> , 2007 , 28, 463-91	27.2	591
22	Epigallocatechin gallate, a green tea polyphenol, mediates NO-dependent vasodilation using signaling pathways in vascular endothelium requiring reactive oxygen species and Fyn. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13736-45	5.4	174

21	EGCG, a green tea polyphenol, improves endothelial function and insulin sensitivity, reduces blood pressure, and protects against myocardial I/R injury in SHR. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1378-87	6	262
20	Dehydroepiandrosterone mimics acute actions of insulin to stimulate production of both nitric oxide and endothelin 1 via distinct phosphatidylinositol 3-kinase- and mitogen-activated protein kinase-dependent pathways in vascular endothelium. <i>Molecular Endocrinology</i> , 2006 , 20, 1153-63		85
19	Endothelin-1: the yin and yang on vascular function. <i>Current Medicinal Chemistry</i> , 2006 , 13, 1655-65	4.3	132
18	Treatment of spontaneously hypertensive rats with rosiglitazone and/or enalapril restores balance between vasodilator and vasoconstrictor actions of insulin with simultaneous improvement in hypertension and insulin resistance. <i>Diabetes</i> , 2006 , 55, 3594-603	0.9	81
17	Reciprocal relationships between insulin resistance and endothelial dysfunction: molecular and pathophysiological mechanisms. <i>Circulation</i> , 2006 , 113, 1888-904	16.7	1189
16	Insulin resistance in spontaneously hypertensive rats is associated with endothelial dysfunction characterized by imbalance between NO and ET-1 production. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H813-22	5.2	236
15	Adiponectin stimulates production of nitric oxide in vascular endothelial cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 45021-6	5.4	746
14	Molecular and physiologic actions of insulin related to production of nitric oxide in vascular endothelium. <i>Current Diabetes Reports</i> , 2003 , 3, 279-88	5.6	176
13	Inhibition of phosphatidylinositol 3-kinase enhances mitogenic actions of insulin in endothelial cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1794-9	5.4	242
12	Insulin receptor substrate-1 and phosphoinositide-dependent kinase-1 are required for insulin-stimulated production of nitric oxide in endothelial cells. <i>Molecular Endocrinology</i> , 2002 , 16, 1931-42		187
11	Idiopathic chronic constipation: tachykinins as cotransmitters in colonic contraction. <i>European Journal of Clinical Investigation</i> , 2001 , 31, 349-55	4.6	29
10	Insulin-stimulated activation of eNOS is independent of Ca ²⁺ but requires phosphorylation by Akt at Ser(1179). <i>Journal of Biological Chemistry</i> , 2001 , 276, 30392-8	5.4	414
9	Endothelin-1-receptor-mediated responses in resistance vessels of young and adult spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2000 , 18, 893-900	1.9	8
8	Insulin action in vascular endothelium: potential mechanisms linking insulin resistance with hypertension. <i>Diabetes, Obesity and Metabolism</i> , 2000 , 2, 285-92	6.7	89
7	Effects of erythromycin on human colonic circular muscle in idiopathic chronic constipation. <i>European Journal of Clinical Investigation</i> , 2000 , 30, 66-71	4.6	8
6	Functional characterization of endothelin receptors in hypertensive resistance vessels. <i>Journal of Hypertension</i> , 1999 , 17, 45-52	1.9	33
5	Cholinergic stimulation and nonadrenergic, noncholinergic relaxation of human colonic circular muscle in idiopathic chronic constipation. <i>Digestive Diseases and Sciences</i> , 1998 , 43, 2719-26	4	34
4	Prenatal exposure to carbon monoxide and vascular responsiveness of rat resistance vessels. <i>Life Sciences</i> , 1996 , 59, 1553-61	6.8	5

- 3 Hyporeactivity of mesenteric vascular bed in endotoxin-treated rats. *European Journal of Pharmacology*, **1996**, 309, 175-82 5.3 32
- 2 Vasodilatation induced by capsaicin in rat mesenteric vessels is probably independent of nitric oxide synthesis. *Pharmacological Research*, **1994**, 30, 253-61 10.2 8
- 1 The Connection Between Physical Exercise and Gut Microbiota: Implications for Competitive Sports Athletes. *Sports Medicine*, 10.6 5