Maurizio MandalÃ

List of Publications by Year
in descending order

57 papers	1,535 citations	377584 21 h-index	371746 37 g-index
59 all docs	59 docs citations	59 times ranked	1926 citing authors

#	Article	IF	Citations
1	Impact of Nutrition on Age-Related Epigenetic RNA Modifications in Rats. Nutrients, 2022, 14, 1232.	1.7	5
2	G-Protein-Coupled Estrogen Receptor Expression in Rat Uterine Artery Is Increased by Pregnancy and Induces Dilation in a Ca2+ and ERK1/2 Dependent Manner. International Journal of Molecular Sciences, 2022, 23, 5996.	1.8	5
3	Correlation of distinct behaviors to the modified expression of cerebral Shank1,3 and BDNF in two autistic animal models. Behavioural Brain Research, 2021, 404, 113165.	1.2	11
4	Prenatal Exposure to BPA: The Effects on Hepatic Lipid Metabolism in Male and Female Rat Fetuses. Nutrients, 2021, 13, 1970.	1.7	16
5	Bisphenol a Interferes with Uterine Artery Features and Impairs Rat Feto-Placental Growth. International Journal of Molecular Sciences, 2021, 22, 6912.	1.8	13
6	Caloric restriction enhances vascular tone of cerebral and mesenteric resistance arteries in aged rats. Mechanisms of Ageing and Development, 2021, 197, 111520.	2.2	2
7	Towards an understanding of the mechanoreciprocity process in adipocytes and its perturbation with aging. Mechanisms of Ageing and Development, 2021, 197, 111522.	2.2	9
8	Normalization of wall shear stress as a physiological mechanism for regulating maternal uterine artery expansive remodeling during pregnancy. FASEB BioAdvances, 2021, 3, 702-708.	1.3	3
9	Endothelium-Derived Hyperpolarizing Factor (EDHF) Mediates Acetylsalicylic Acid (Aspirin) Vasodilation of Pregnant Rat Mesenteric Arteries. International Journal of Molecular Sciences, 2021, 22, 10162.	1.8	2
10	Effects of Late-Life Caloric Restriction on Age-Related Alterations in the Rat Cortex and Hippocampus. Nutrients, 2021, 13, 232.	1.7	4
11	Extra Virgin Olive Oil Phenols Vasodilate Rat Mesenteric Resistance Artery via Phospholipase C (PLC)-Calcium Microdomains-Potassium Channels (BKCa) Signals. Biomolecules, 2021, 11, 137.	1.8	4
12	Aging-Related Structural and Functional Changes in Cerebral Arteries: Caloric Restriction (CR) Intervention.. Journal of Vascular Medicine & Surgery, 2021, 9, .	0.1	0
13	Antioxidant/Anti-Inflammatory Effects of Caloric Restriction in an Aged and Obese Rat Model: The Role of Adiponectin. Biomedicines, 2020, 8, 532.	1.4	22
14	Maternal Dietary Exposure to Low-Dose Bisphenol A Affects Metabolic and Signaling Pathways in the Brain of Rat Fetuses. Nutrients, 2020, 12, 1448.	1.7	16
15	Prenatal Nutrition Containing Bisphenol A Affects Placenta Glucose Transfer: Evidence in Rats and Human Trophoblast. Nutrients, 2020, 12, 1375.	1.7	20
16	Extra Virgin Olive Oil Phenols Dilate the Rat Mesenteric Artery by Activation of BKCa2+ Channels in Smooth Muscle Cells. Molecules, 2020, 25, 2601.	1.7	5
17	Multi-Tissue DNA Methylation Remodeling at Mitochondrial Quality Control Genes According to Diet in Rat Aging Models. Nutrients, 2020, 12, 460.	1.7	6
18	Enhanced Vascular Smooth Muscle Calcium Sensitivity and Loss of Endothelial Vasodilator Influence Contribute to Myogenic Tone Development in Rat Radial Uterine Arteries during Gestation. Journal of Vascular Research, 2020, 57, 126-135.	0.6	5

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19	Postpartum Persistence of Maternal Uterine Vascular Gestational Adaptation in Rodents. Reproductive Sciences, 2020, 27, 611-620.	1.1	9
20	Influence of Estrogens on Uterine Vascular Adaptation in Normal and Preeclamptic Pregnancies. International Journal of Molecular Sciences, 2020, 21, 2592.	1.8	29
21	Galectin 13 (PP13) Facilitates Remodeling and Structural Stabilization of Maternal Vessels during Pregnancy. International Journal of Molecular Sciences, 2019, 20, 3192.	1.8	36
22	Placental protein 13 (PP13) stimulates rat uterine vessels after slow subcutaneous administration . International Journal of Women's Health, 2019, Volume 11, 213-222.	1.1	12
23	Aspirin causes endothelium-dependent vasodilation of resistance arteries from non-gravid and gravid rats. Pregnancy Hypertension, 2019, 15, 141-145.	0.6	9
24	Plasticity of the Maternal Vasculature During Pregnancy. Annual Review of Physiology, 2019, 81, 89-111.	5.6	56
25	Aging and nutrition induce tissue-specific changes on global DNA methylation status in rats. Mechanisms of Ageing and Development, 2018, 174, 47-54.	2.2	31
26	The Piezo1 cation channel mediates uterine artery shear stress mechanotransduction and vasodilation during rat pregnancy. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1019-H1026.	1.5	43
27	Venoarterial communication mediates arterial wall shear stress-induced maternal uterine vascular remodeling during pregnancy. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H709-H717.	1.5	16
28	Pharmacokinetics of placental protein 13 after intravenous and subcutaneous administration in rabbits. Drug Design, Development and Therapy, 2018, Volume 12, 1977-1983.	2.0	5
29	Methylation of the ribosomal RNA gene promoter is associated with aging and ageâ€related decline. Aging Cell, 2017, 16, 966-975.	3.0	63
30	Altered Endothelial Nitric Oxide Signaling as a Paradigm for Maternal Vascular Maladaptation in Preeclampsia. Current Hypertension Reports, 2017, 19, 82.	1.5	62
31	Placental protein 13 (PP13)-induced vasodilation of resistance arteries from pregnant and nonpregnant rats occurs via endothelial-signaling pathways. Hypertension in Pregnancy, 2017, 36, 186-195.	0.5	26
32	Unpredictable Chronic Mild Stress Paradigm Established Effects of Pro- and Anti-inflammatory Cytokine on Neurodegeneration-Linked Depressive States in Hamsters with Brain Endothelial Damages. Molecular Neurobiology, 2017, 54, 6446-6458.	1.9	8
33	Placental Protein 13 Administration to Pregnant Rats Lowers Blood Pressure and Augments Fetal Growth and Venous Remodeling. Fetal Diagnosis and Therapy, 2016, 39, 56-63.	0.6	20
34	Mechanism of hydralazine-induced relaxation in resistance arteries during pregnancy. Vascular Pharmacology, 2016, 78, 36-42.	1.0	9
35	Hyperandrogenism and Insulin Resistance, Not Changes in Body Weight, Mediate the Development of Endothelial Dysfunction in a Female Rat Model of Polycystic Ovary Syndrome (PCOS). Endocrinology, 2015, 156, 4071-4080.	1.4	33
36	Pregnancy Augments G Protein Estrogen Receptor (GPER) Induced Vasodilation in Rat Uterine Arteries via the Nitric Oxide - cGMP Signaling Pathway. PLoS ONE, 2015, 10, e0141997.	1.1	51

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37	Effects of Placental Protein 13 on the Cardiovascular System in Gravid and Non-Gravid Rodents. Fetal Diagnosis and Therapy, 2013, 33, 257-264.	0.6	32
38	Effects of Etonogestrel Treatment in the Reproductive Organs and Uterine Arteries of Nonoophorectomized Guinea Pigs. Reproductive Sciences, 2012, 19, 400-406.	1.1	7
39	Impact of Experimental Diabetes on the Maternal Uterine Vascular Remodeling During Rat Pregnancy. Reproductive Sciences, 2012, 19, 322-331.	1.1	11
40	Endothelial-Derived Hyperpolarization Factor (EDHF) Contributes to PlGF-Induced Dilation of Mesenteric Resistance Arteries from Pregnant Rats. Journal of Vascular Research, 2012, 49, 43-49.	0.6	28
41	Hemodynamic, Vascular, and Reproductive Impact of FMS-Like Tyrosine Kinase 1 (FLT1) Blockade on the Uteroplacental Circulation During Normal Mouse Pregnancy1. Biology of Reproduction, 2012, 86, 57.	1.2	10
42	Influence of Constriction, Wall Tension, Smooth Muscle Activation and Cellular Deformation on Rat Resistance Artery Vasodilator Reactivity. Cellular Physiology and Biochemistry, 2012, 29, 883-892.	1.1	12
43	Uterine distension differentially affects remodelling and distensibility of the uterine vasculature in non-pregnant rats. Reproduction, Fertility and Development, 2012, 24, 835.	0.1	6
44	Physiological Remodelling of the Maternal Uterine Circulation during Pregnancy. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 12-18.	1.2	82
45	Reduced NO signaling during pregnancy attenuates outward uterine artery remodeling by altering MMP expression and collagen and elastin deposition. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1266-H1275.	1.5	22
46	Local Versus Systemic Influences on Uterine Vascular Reactivity During Pregnancy in the Single-Horn Gravid Rat. Reproductive Sciences, 2011, 18, 723-729.	1.1	12
47	Effects of Pregnancy, Hypertension and Nitric Oxide Inhibition on Rat Uterine Artery Myogenic Reactivity. Journal of Vascular Research, 2010, 47, 463-471.	0.6	22
48	Mechanisms Underlying Maternal Venous Adaptation in Pregnancy. Reproductive Sciences, 2009, 16, 596-604.	1.1	14
49	Inhibition of Nitric Oxide Synthases Abrogates Pregnancy-Induced Uterine Vascular Expansive Remodeling. Journal of Vascular Research, 2009, 46, 478-486.	0.6	43
50	Maternal Uterine Vascular Remodeling During Pregnancy. Physiology, 2009, 24, 58-71.	1.6	349
51	Predominance of Local Over Systemic Factors in Uterine Arterial Remodeling During Pregnancy. Reproductive Sciences, 2009, 16, 489-500.	1.1	19
52	Effect of endogenous and exogenous nitric oxide on calcium sparks as targets for vasodilation in rat cerebral artery. Nitric Oxide - Biology and Chemistry, 2007, 16, 104-109.	1.2	29
53	The chromogranin A peptide vasostatin-I inhibits gap formation and signal transduction mediated by inflammatory agents in cultured bovine pulmonary and coronary arterial endothelial cells. Regulatory Peptides, 2006, 135, 78-84.	1.9	63
54	Chromogranin A-derived peptides: interaction with the rat posterior cerebral artery. Regulatory Peptides, 2005, 124, 73-80.	1.9	13

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55	Induction of localized differences in rat uterine radial artery behavior and structure during gestation. American Journal of Obstetrics and Gynecology, 2003, 189, 1489-1493.	0.7	34
56	Contribution of nonendothelial nitric oxide to altered rat uterine resistance artery serotonin reactivity during pregnancy. American Journal of Obstetrics and Gynecology, 2002, 187, 463-468.	0.7	14
57	The Fluorescent Cationic Dye Rhodamine 6G as a Probe for Membrane Potential in Bovine Aortic Endothelial Cells. Analytical Biochemistry, 1999, 274, 1-6.	1.1	43