Manuela Morato

List of Publications by Citations

44 papers	421 citations	12 h-index	17 g-index
48 ext. papers	506 ext. citations	4.4 avg, IF	3.33 L-index

#	Paper	IF	Citations
44	Role of superoxide and hydrogen peroxide in hypertension induced by an antagonist of adenosine receptors. *European Journal of Pharmacology*, **2008**, 588, 267-76	5.3	37
43	Role of H(2)O(2) in hypertension, renin-angiotensin system activation and renal medullary disfunction caused by angiotensin II. *British Journal of Pharmacology*, **2012**, 166, 2386-401	8.6	31
42	Microinjection of angiotensin II in the caudal ventrolateral medulla induces hyperalgesia. *Neuroscience*, **2009**, 158, 1301-10	3.9	28
41	Oxidative stress and nitric oxide are increased in obese children and correlate with cardiometabolic risk and renal function. *British Journal of Nutrition*, **2016**, 116, 805-15	3.6	27
40	Pullulan microneedle patches for the efficient transdermal administration of insulin envisioning diabetes treatment. *Carbohydrate Polymers*, **2020**, 241, 116314	10.3	24
39	Gender and obesity modify the impact of salt intake on blood pressure in children. *Pediatric Nephrology*, **2016**, 31, 279-88	3.2	23
38	Angiotensin II contributes to glomerular hyperfiltration in diabetic rats independently of adenosine type I receptors. *American Journal of Physiology - Renal Physiology*, **2013**, 304, F614-22	4.3	18
37	Angiotensin converting enzyme inhibition prevents trophic and hypertensive effects of an antagonist of adenosine receptors. *European Journal of Pharmacology*, **2002**, 441, 99-104	5.3	18
36	The role of angiotensin II in hypertension due to adenosine receptors blockade. *European Journal of Pharmacology*, **2002**, 455, 135-41	5.3	15
35	Activation of adenosine receptors improves renal antioxidant status in diabetic Wistar but not SHR rats. *Upsala Journal of Medical Sciences*, **2014**, 119, 10-8	2.8	14
34	Attenuated aortic vasodilation and sympathetic prejunctional facilitation in epinephrine-deficient mice: selective impairment of α2-adrenoceptor responses. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 351, 243-9	4.7	12
33	A comparative study of postsynaptic alpha2-adrenoceptors of the dog mesenteric and rat femoral veins. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **1999**, 360, 165-70	3.4	12
32	Association of myeloperoxidase levels with cardiometabolic factors and renal function in prepubertal children. *European Journal of Clinical Investigation*, **2016**, 46, 50-9	4.6	12
31	Inhibition of nociceptive responses of spinal cord neurones during hypertension involves the spinal GABAergic system and a pain modulatory center located at the caudal ventrolateral medulla. *Journal of Neuroscience Research*, **2006**, 83, 647-55	4.4	11
30	Does chronic pain alter the normal interaction between cardiovascular and pain regulatory systems? Pain modulation in the hypertensive-monoarthritic rat. *Journal of Pain*, **2011**, 12, 194-204	5.2	10
29	Scavenging of nitric oxide by an antagonist of adenosine receptors. *Journal of Pharmacy and Pharmacology*, **2005**, 57, 399-404	4.8	10
28	Unraveling the Role of ACE2, the Binding Receptor for SARS-CoV-2, in Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **2020**, 26, 1787-1795	4.5	10

27	Diabetes-induced increase of renal medullary hydrogen peroxide and urinary angiotensinogen is similar in normotensive and hypertensive rats. *Life Sciences*, **2014**, 108, 71-9	6.8	9
26	Interrelationship between renin-angiotensin-aldosterone system and oxidative stress in chronic heart failure patients with or without renal impairment. *Biomedicine and Pharmacotherapy*, **2021**, 133, 110938	7.5	8
25	Purinergic receptors in the splanchnic circulation. *Purinergic Signalling*, **2008**, 4, 267-85	3.8	7
24	Pre- and postjunctional effects of angiotensin II in hypertension due to adenosine receptor blockade. *European Journal of Pharmacology*, **2006**, 531, 209-16	5.3	7
23	Lesion of the caudal ventrolateral medulla prevents the induction of hypertension by adenosine receptor blockade in rats. *Brain Research*, **2006**, 1073-1074, 374-82	3.7	7
22	Hypertension due to blockade of adenosine receptors. *Basic and Clinical Pharmacology and Toxicology*, **2003**, 92, 160-2		7
21	Diabetes downregulates renal adenosine A2A receptors in an experimental model of hypertension. *PLoS ONE*, **2019**, 14, e0217552	3.7	6
20	Losartan and atenolol on hypertension induced by adenosine receptor blockade. *Autonomic and Autacoid Pharmacology*, **2003**, 23, 133-40		6
19	Characterization of ethyl acetate and n-butanol extracts of Cymbopogon schoenanthus and Helianthemum lippii and their effect on the smooth muscle of the rat distal colon. *Journal of Ethnopharmacology*, **2020**, 252, 112613	5	5
18	Decrease in the expression of N-methyl-D-aspartate receptors in the nucleus tractus solitarii induces antinociception and increases blood pressure. *Journal of Neuroscience Research*, **2012**, 90, 356-66	4.4	5
17	Functional crosstalk of prejunctional receptors on the modulation of noradrenaline release in mesenteric vessels: A differential study of artery and vein. *European Journal of Pharmacology*, **2011**, 652, 33-9	5.3	5
16	Xanthine oxidase inhibition by 1,3-dipropyl-8-sulfophenylxanthine (DPSPX), an antagonist of adenosine receptors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2004**, 19, 11-5	5.6	5
15	Interaction between the Renin-Angiotensin System and Enteric Neurotransmission Contributes to Colonic Dysmotility in the TNBS-Induced Model of Colitis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
14	Aminosalicylates and COVID-19: Facts or Coincidences?. *Gastroenterology*, **2021**, 160, 1884-1885	13.3	5
13	Regulation of the Renin-Angiotensin-Aldosterone System by Reactive Oxygen Species **2017**,		4
12	Urinary fibrogenic cytokines ET-1 and TGF-β1 are associated with urinary angiotensinogen levels in obese children. *Pediatric Nephrology*, **2016**, 31, 455-64	3.2	3
11	Adenosine A and A Receptors as Targets for the Treatment of Hypertensive-Diabetic Nephropathy. *Biomedicines*, **2020**, 8,	4.8	3
10	Longer duration of obesity is associated with a reduction in urinary angiotensinogen in prepubertal children. *Pediatric Nephrology*, **2017**, 32, 1411-1422	3.2	2

9	Insights into sympathetic nervous system and GPCR interplay in fetal programming of hypertension: a bridge for new pharmacological strategies. *Drug Discovery Today*, **2020**, 25, 739-747	8.8	2
8	Impact of physical activity on redox status and nitric oxide bioavailability in nonoverweight and overweight/obese prepubertal children. *Free Radical Biology and Medicine*, **2021**, 163, 116-124	7.8	2
7	Implication of RAS in Postnatal Cardiac Remodeling, Fibrosis and Dysfunction Induced by Fetal Undernutrition.. *Pathophysiology*, **2021**, 28, 273-290	1.8	1
6	Sulfated Oligomers of Tyrosol: Toward a New Class of Bioinspired Nonsaccharidic Anticoagulants. *Biomacromolecules*, **2021**, 22, 399-409	6.9	1
5	2,4,6-trinitrobenzenesulfonic acid-induced colitis in Rattus norgevicus: a categorization proposal. *Experimental Animals*, **2021**, 70, 245-256	1.8	1
4	A comprehensive review of adverse events to drugs used in COVID-19 patients: Recent clinical evidence.. *European Journal of Clinical Investigation*, **2022**, e13763	4.6	1
3	Experimental and Clinical Evidence of Endothelial Dysfunction in Inflammatory Bowel Disease. *Current Pharmaceutical Design*, **2020**, 26, 3733-3747	3.3	0
2	Guiding axes for drug safety management of pharmacovigilance centres during the COVID-19 era. *International Journal of Clinical Pharmacy*, **2021**, 43, 1133-1138	2.3	0
1	Reactivity of the rat distal colon to autoantibodies targeting angiotensin type I receptors:. *Porto Biomedical Journal*, **2017**, 2, 186	1.1	