

# Isabel Rodriguez-Gomez

## List of Publications by Year in descending order

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42  
papers

1,207  
citations

430874

18  
h-index

377865

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular and renal function in experimental thyroid disorders. <i>European Journal of Endocrinology</i> , 2006, 154, 197-212.	3.7	223
2	Vascular deconjugation of quercetin glucuronide: The flavonoid paradox revealed?. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1780-1790.	3.3	110
3	Glucuronidated Quercetin Lowers Blood Pressure in Spontaneously Hypertensive Rats via Deconjugation. <i>PLoS ONE</i> , 2012, 7, e32673.	2.5	104
4	Nitric oxide synthase activity in hyperthyroid and hypothyroid rats. <i>European Journal of Endocrinology</i> , 2002, 147, 117-122.	3.7	84
5	Antihypertensive Effects of Peroxisome Proliferator-Activated Receptor- $\beta$ Activation in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2011, 58, 733-743.	2.7	80
6	The renin-angiotensin system in thyroid disorders and its role in cardiovascular and renal manifestations. <i>Journal of Endocrinology</i> , 2012, 213, 25-36.	2.6	57
7	Temporal Cross Talk Between Endoplasmic Reticulum and Mitochondria Regulates Oxidative Stress and Mediates Microparticle-Induced Endothelial Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 15-27.	5.4	42
8	Antioxidant Enzymes and Effects of Tempol on the Development of Hypertension Induced by Nitric Oxide Inhibition. <i>American Journal of Hypertension</i> , 2005, 18, 871-877.	2.0	41
9	Increased Pressor Sensitivity to Chronic Nitric Oxide Deficiency in Hyperthyroid Rats. <i>Hypertension</i> , 2003, 42, 220-225.	2.7	33
10	Cardiac and renal antioxidant enzymes and effects of tempol in hyperthyroid rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E776-E783.	3.5	31
11	Lack of beneficial metabolic effects of quercetin in adult spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2010, 627, 242-250.	3.5	30
12	Influence of thyroid state on cardiac and renal capillary density and glomerular morphology in rats. <i>Journal of Endocrinology</i> , 2013, 216, 43-51.	2.6	30
13	Gender difference in the role of endothelium-derived relaxing factors modulating renal vascular reactivity. <i>European Journal of Pharmacology</i> , 2004, 486, 281-288.	3.5	28
14	The endocrine system in chronic nitric oxide deficiency. <i>European Journal of Endocrinology</i> , 2007, 156, 1-12.	3.7	28
15	Role of sex, gonadectomy and sex hormones in the development of nitric oxide inhibition-induced hypertension. <i>Experimental Physiology</i> , 2004, 89, 155-162.	2.0	26
16	Effects of chronic inhibition of inducible nitric oxide synthase in hyperthyroid rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E1252-E1257.	3.5	23
17	Long-Term Consequences of Uninephrectomy in Male and Female Rats. <i>Hypertension</i> , 2012, 60, 1458-1463.	2.7	23
18	Role of endothelium-derived relaxing factors in the renal response to vasoactive agents in hypothyroid rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E182-E188.	3.5	19

#	ARTICLE	IF	CITATIONS
19	Preconditioning with Triiodothyronine Improves the Clinical Signs and Acute Tubular Necrosis Induced by Ischemia/Reperfusion in Rats. PLoS ONE, 2013, 8, e74960.	2.5	17
20	Vascular and Central Activation of Peroxisome Proliferator-Activated Receptor- $\alpha$ Attenuates Angiotensin II-Induced Hypertension: Role of RGS-5. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 151-163.	2.5	16
21	<scp>L</scp>-Arginine metabolism in cardiovascular and renal tissue from hyper- and hypothyroid rats. Experimental Biology and Medicine, 2016, 241, 550-556.	2.4	16
22	Cardiovascular and renal manifestations of glutathione depletion induced by buthionine sulfoximine. American Journal of Hypertension, 2012, 25, 629-635.	2.0	15
23	Salt sensitivity in experimental thyroid disorders in rats. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E281-E287.	3.5	14
24	Effects of omapatrilat on blood pressure and renal injury in l-name and l-name plus DOCA-treated rats. American Journal of Hypertension, 2003, 16, 33-38.	2.0	12
25	Chronic nitric oxide blockade modulates renal Na <sup>+</sup> /K <sup>+</sup> 2Cl cotransporters. Journal of Hypertension, 2006, 24, 2451-2458.	0.5	12
26	Effects of chronic treatment with 7-nitroindazole in hyperthyroid rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1376-R1382.	1.8	11
27	Aminopeptidases in Cardiovascular and Renal Function. Role as Predictive Renal Injury Biomarkers. International Journal of Molecular Sciences, 2020, 21, 5615.	4.1	11
28	Chronic Blockade of Neuronal Nitric Oxide Synthase Does Not Affect Long-Term Control of Blood Pressure in Normal, Saline-Drinking or Deoxycorticosterone-Treated Rats. Experimental Physiology, 2003, 88, 243-250.	2.0	10
29	Role of Sympathetic Tone in BSO-Induced Hypertension in Mice. American Journal of Hypertension, 2010, 23, 882-888.	2.0	10
30	Effects of Clofibrate on Salt Loading-Induced Hypertension in Rats. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	10
31	Effect of thyroid hormone $\alpha$ nitric oxide interaction on tumor growth, angiogenesis, and aminopeptidase activity in mice. Tumor Biology, 2014, 35, 5519-5526.	1.8	8
32	Role of neuronal nitric oxide synthase in response to hypertonic saline loading in rats. Acta Physiologica Scandinavica, 2004, 182, 389-395.	2.2	7
33	Dual Sigma-1 receptor antagonists and hydrogen sulfide-releasing compounds for pain treatment: Design, synthesis, and pharmacological evaluation. European Journal of Medicinal Chemistry, 2022, 230, 114091.	5.5	7
34	Effects of Arginase Inhibition in Hypertensive Hyperthyroid Rats. American Journal of Hypertension, 2015, 28, 1464-1472.	2.0	6
35	Clofibrate Prevents and Reverses the Hemodynamic Manifestations of Hyperthyroidism in Rats. American Journal of Hypertension, 2008, 21, 341-347.	2.0	4
36	The Long-Term Study of Urinary Biomarkers of Renal Injury in Spontaneously Hypertensive Rats. Kidney and Blood Pressure Research, 2021, 46, 502-513.	2.0	3

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37	The pro-oxidant buthionine sulfoximine (BSO) reduces tumor growth of implanted Lewis lung carcinoma in mice associated with increased protein carbonyl, tubulin abundance, and aminopeptidase activity. Tumor Biology, 2014, 35, 7799-7805.	1.8	2
38	Function and expression of renal epithelial sodium transporters in rats with thyroid dysfunction. Journal of Endocrinological Investigation, 2012, 35, 735-41.	3.3	2
39	Contribution of the Amiloride-Sensitive Component and the Na <sup>+</sup> /H <sup>+</sup> Exchanger to Renal Responsiveness to Vasoconstrictors. Pharmacology, 2011, 88, 142-148.	2.2	1
40	Dietary salt restriction in hyperthyroid rats. Differential influence on left and right ventricular mass. Experimental Biology and Medicine, 2015, 240, 113-120.	2.4	1
41	New method for isolation of both kidneys for studies of vascular reactivity in rats. Experimental Biology and Medicine, 2012, 237, 1457-1461.	2.4	0
42	Vasoconstrictor and Pressor Effects of Des-Aspartate-Angiotensin I in Rat. Biomedicines, 2022, 10, 1230.	3.2	0