

# Laura Piqueras

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,310  
citations

236612

25  
h-index

253896

43  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxisome proliferator-activated receptors and inflammation. , 2006, 110, 371-385.		315
2	Activation of PPAR $\alpha$ Induces Endothelial Cell Proliferation and Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 63-69.	1.1	220
3	Individualised perioperative open-lung approach versus standard protective ventilation in abdominal surgery (iPROVE): a randomised controlled trial. Lancet Respiratory Medicine, the, 2018, 6, 193-203.	5.2	155
4	Angiotensin II Induces Leukocyte-Endothelial Cell Interactions In Vivo Via AT <sub>1</sub> and AT <sub>2</sub> Receptor-Mediated P-Selectin Upregulation. Circulation, 2000, 102, 2118-2123.	1.6	148
5	An updated overview of e-cigarette impact on human health. Respiratory Research, 2021, 22, 151.	1.4	132
6	Trans- but Not Cis-Resveratrol Impairs Angiotensin-II-Mediated Vascular Inflammation through Inhibition of NF- $\kappa$ B Activation and Peroxisome Proliferator-Activated Receptor- $\beta$ Upregulation. Journal of Immunology, 2010, 185, 3718-3727.	0.4	89
7	SGLT-2 (Sodium-Glucose Cotransporter 2) Inhibition Reduces Ang II (Angiotensin II)-Induced Dissecting Abdominal Aortic Aneurysm in ApoE (Apolipoprotein E) Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1614-1628.	1.1	62
8	Sevoflurane, but not propofol, reduces the lung inflammatory response and improves oxygenation in an acute respiratory distress syndrome model. European Journal of Anaesthesiology, 2013, 30, 455-463.	0.7	59
9	Activation of PPAR $\alpha$ inhibits leukocyte recruitment, cell adhesion molecule expression, and chemokine release. Journal of Leukocyte Biology, 2009, 86, 115-122.	1.5	56
10	Vitamin D Receptor Activation Reduces Angiotensin-II-Induced Dissecting Abdominal Aortic Aneurysm in Apolipoprotein E Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1587-1597.	1.1	55
11	Insulin resistance aggravates atherosclerosis by reducing vascular smooth muscle cell survival and increasing CX3CL1/CX3CR1 axis. Cardiovascular Research, 2014, 103, 324-336.	1.8	51
12	CXCR2 Blockade Impairs Angiotensin II-Induced CC Chemokine Synthesis and Mononuclear Leukocyte Infiltration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2370-2376.	1.1	45
13	Rolipram inhibits leukocyte-endothelial cell interactions in vivo through P- and E-selectin downregulation. British Journal of Pharmacology, 2002, 135, 1872-1881.	2.7	42
14	Upregulation of angiostatic chemokines IP-10/CXCL10 and I-TAC/CXCL11 in human obesity and their implication for adipose tissue angiogenesis. International Journal of Obesity, 2018, 42, 1406-1417.	1.6	41
15	Critical role of fractalkine (CX <sub>3</sub> CL1) in cigarette smoke-induced mononuclear cell adhesion to the arterial endothelium. Thorax, 2013, 68, 177-186.	2.7	39
16	2,3,9- and 2,3,11-Trisubstituted tetrahydroprotoberberines as D2 dopaminergic ligands. European Journal of Medicinal Chemistry, 2013, 68, 150-166.	2.6	37
17	Arterial and Venous Endothelia Display Differential Functional Fractalkine (CX <sub>3</sub> CL1) Expression by Angiotensin-II. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 96-104.	1.1	32
18	PPAR $\alpha$ activation restores the high glucose-induced impairment of insulin signalling in endothelial cells. British Journal of Pharmacology, 2014, 171, 3089-3102.	2.7	32

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19	Retinoid X Receptor Agonists Impair Arterial Mononuclear Cell Recruitment through Peroxisome Proliferator-Activated Receptor- $\beta$ Activation. <i>Journal of Immunology</i> , 2012, 189, 411-424.	0.4	31
20	Angiotensin II and leukocyte trafficking: New insights for an old vascular mediator. Role of redox-signaling pathways. <i>Free Radical Biology and Medicine</i> , 2020, 157, 38-54.	1.3	31
21	Somatostatin Receptor type 2 Mediates Bombesin-Induced Inhibition of Gastric Acid Secretion in Mice. <i>Journal of Physiology</i> , 2003, 549, 889-901.	1.3	30
22	Contributions of ACE and mast cell chymase to endogenous angiotensin II generation and leucocyte recruitment in vivo. <i>Cardiovascular Research</i> , 2011, 92, 48-56.	1.8	30
23	Systemic Inflammation in Metabolic Syndrome: Increased Platelet and Leukocyte Activation, and Key Role of CX3CL1/CX3CR1 and CCL2/CCR2 Axes in Arterial Platelet-Proinflammatory Monocyte Adhesion. <i>Journal of Clinical Medicine</i> , 2019, 8, 708.	1.0	28
24	Control of Gastric Acid Secretion in Somatostatin Receptor 2 Deficient Mice: Shift from Endocrine/Paracrine to Neurocrine Pathways. <i>Endocrinology</i> , 2008, 149, 498-505.	1.4	27
25	Functional role of endothelial CXCL16/CXCR6-platelet-leucocyte axis in angiotensin II-associated metabolic disorders. <i>Cardiovascular Research</i> , 2018, 114, 1764-1775.	1.8	27
26	Peripheral PACAP inhibits gastric acid secretion through somatostatin release in mice. <i>British Journal of Pharmacology</i> , 2004, 142, 67-78.	2.7	26
27	Dynamics and implications of circulating anti-angiogenic VEGF-A165b isoform in patients with ST-elevation myocardial infarction. <i>Scientific Reports</i> , 2017, 7, 9962.	1.6	26
28	Hepatic lipase deficiency produces glucose intolerance, inflammation and hepatic steatosis. <i>Journal of Endocrinology</i> , 2015, 227, 179-191.	1.2	25
29	Peripheral GABAB agonists stimulate gastric acid secretion in mice. <i>British Journal of Pharmacology</i> , 2004, 142, 1038-1048.	2.7	24
30	Cigarette Smoke Increases Endothelial CXCL16-Leukocyte CXCR6 Adhesion In Vitro and In Vivo. Potential Consequences in Chronic Obstructive Pulmonary Disease. <i>Frontiers in Immunology</i> , 2017, 8, 1766.	2.2	24
31	Role of somatostatin receptors on gastric acid secretion in wild-type and somatostatin receptor type 2 knockout mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 370, 510-520.	1.4	23
32	Galanin inhibits gastric acid secretion through a somatostatin-independent mechanism in mice. <i>Peptides</i> , 2004, 25, 1287-1295.	1.2	23
33	Combined Sub-Optimal Doses of Rosuvastatin and Bexarotene Impair Angiotensin II-Induced Arterial Mononuclear Cell Adhesion Through Inhibition of Nox5 Signaling Pathways and Increased RXR/PPAR $\alpha$ and RXR/PPAR $\beta$ Interactions. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 901-920.	2.5	22
34	Leukotriene B4-loaded microspheres: a new therapeutic strategy to modulate cell activation. <i>BMC Immunology</i> , 2008, 9, 36.	0.9	21
35	Combined treatment with bexarotene and rosuvastatin reduces angiotensin II-induced abdominal aortic aneurysm in apoE mice and angiogenesis. <i>British Journal of Pharmacology</i> , 2015, 172, 2946-2960.	2.7	21
36	Novel Immune Features of the Systemic Inflammation Associated with Primary Hypercholesterolemia: Changes in Cytokine/Chemokine Profile, Increased Platelet and Leukocyte Activation. <i>Journal of Clinical Medicine</i> , 2019, 8, 18.	1.0	21

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37	Adjusting tidal volume to stress index in an open lung condition optimizes ventilation and prevents overdistension in an experimental model of lung injury and reduced chest wall compliance. <i>Critical Care</i> , 2015, 19, 9.	2.5	20
38	CX3CR1/CX3CL1 Axis Mediates Platelet-Leukocyte Adhesion to Arterial Endothelium in Younger Patients with a History of Idiopathic Deep Vein Thrombosis. <i>Thrombosis and Haemostasis</i> , 2018, 118, 562-571.	1.8	19
39	Changes in CDKN2A/2B expression associate with T-cell phenotype modulation in atherosclerosis and type 2 diabetes mellitus. <i>Translational Research</i> , 2019, 203, 31-48.	2.2	18
40	Angiotensin II is involved in nitric oxide synthase and cyclo-oxygenase inhibition-induced leukocyte-endothelial cell interactions in vivo. <i>British Journal of Pharmacology</i> , 2001, 132, 677-684.	2.7	17
41	Polycerasoidol, a Natural Prenylated Benzopyran with a Dual PPAR $\alpha$ /PPAR $\gamma$ Agonist Activity and Anti-inflammatory Effect. <i>Journal of Natural Products</i> , 2019, 82, 1802-1812.	1.5	16
42	Beneficial effects of PCSK9 inhibition with alirocumab in familial hypercholesterolemia involve modulation of new immune players. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112460.	2.5	14
43	Hepatic lipase inactivation decreases atherosclerosis in insulin resistance by reducing LIGHT/Lymphotoxin $\beta$ -Receptor pathway. <i>Thrombosis and Haemostasis</i> , 2016, 116, 379-393.	1.8	13
44	Association of chemokines IP-10/CXCL10 and I-TAC/CXCL11 with insulin resistance and enhance leukocyte endothelial arrest in obesity. <i>Microvascular Research</i> , 2022, 139, 104254.	1.1	11
45	Cyclic AMP elevating agents and nitric oxide modulate angiotensin II-induced leukocyte-endothelial cell interactions in vivo. <i>British Journal of Pharmacology</i> , 2001, 133, 485-494.	2.7	10
46	Ink4/Arf locus restores glucose tolerance and insulin sensitivity by reducing hepatic steatosis and inflammation in mice with impaired IRS2-dependent signalling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1729-1742.	1.8	9
47	Primary hypercholesterolemia and development of cardiovascular disorders: Cellular and molecular mechanisms involved in low-grade systemic inflammation and endothelial dysfunction. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 139, 106066.	1.2	9
48	Taurine chloramine inhibits functional responses of human eosinophils <i>in vitro</i> . <i>Clinical and Experimental Allergy</i> , 2009, 39, 537-546.	1.4	8
49	Efecto del condroitin sulfato en la sinovitis de pacientes con artrosis de rodilla. <i>Medicina Clínica</i> , 2017, 149, 9-16.	0.3	8
50	Coronary Serum Obtained After Myocardial Infarction Induces Angiogenesis and Microvascular Obstruction Repair. Role of Hypoxia-inducible Factor-1A. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 440-449.	0.4	8
51	Implicación de la isoforma antiangiogénica VEGF-A165b en la angiogénesis y la función sistémica tras un infarto de miocardio reperfundido. <i>Revista Espanola De Cardiologia</i> , 2021, 74, 131-139.	0.6	7
52	Effect of chondroitin sulphate on synovitis of knee osteoarthritic patients. <i>Medicina Clínica (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	6
53	Peripheral blood levels of CXCL10 are a useful marker for diabetic polyneuropathy in subjects with type 2 diabetes. <i>International Journal of Clinical Practice</i> , 2021, 75, e14302.	0.8	6
54	Role of antiangiogenic VEGF-A165b in angiogenesis and systolic function after reperfused myocardial infarction. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 131-139.	0.4	4

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55	The nuclear retinoid-related orphan receptor ROR $\alpha$ controls adipose tissue inflammation in patients with morbid obesity and diabetes. <i>International Journal of Obesity</i> , 2021, 45, 1369-1381.	1.6	4
56	Dissecting Abdominal Aortic Aneurysm Is Aggravated by Genetic Inactivation of LIGHT (TNFSF14). <i>Biomedicines</i> , 2021, 9, 1518.	1.4	4
57	Postprandial triglyceridaemia is modulated by insulin resistance but not by grade of obesity in abdominal and morbid obese subjects. <i>International Journal of Clinical Practice</i> , 2021, 75, e13776.	0.8	3
58	Activation of the Constitutive Androstane Receptor Inhibits Leukocyte Adhesiveness to Dysfunctional Endothelium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9267.	1.8	3
59	Oral Unsaturated Fat Load Impairs Postprandial Systemic Inflammation in Primary Hypercholesterolemia Patients. <i>Frontiers in Pharmacology</i> , 2021, 12, 656244.	1.6	1
60	Upregulation of an antiangiogenic VEGFA165b isoform in patients with acute myocardial infarction. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-5.	0.0	0
61	Upregulation of angiostatic chemokines CXCL10 and CXCL11 in morbid obese patients and their implication in adipose tissue angiogenesis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR9-4.	0.0	0
62	Absence of CCR3 receptor accelerates atherosclerosis in apoE $^{-/-}$ mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-17.	0.0	0
63	Systemic inflammation in primary hypercholesterolemia results in platelet and leukocyte activation and their enhanced endothelial adhesiveness. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-4-45.	0.0	0