

# Emanuela Ricciotti

## List of Publications by Citations

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46  
papers

4,806  
citations

27  
h-index

50  
g-index

50  
ext. papers

5,785  
ext. citations

10  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
46	Prostaglandins and inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 986-1000	9.4	2030
45	Understanding multicellular function and disease with human tissue-specific networks. <i>Nature Genetics</i> , <b>2015</b> , 47, 569-76	36.3	473
44	Pharmacodynamic interaction of naproxen with low-dose aspirin in healthy subjects. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1295-301	15.1	225
43	Fatty acid transport protein $\beta$ reprograms neutrophils in cancer. <i>Nature</i> , <b>2019</b> , 569, 73-78	50.4	215
42	Clinical pharmacology of platelet, monocyte, and vascular cyclooxygenase inhibition by naproxen and low-dose aspirin in healthy subjects. <i>Circulation</i> , <b>2004</b> , 109, 1468-71	16.7	195
41	Vascular COX-2 modulates blood pressure and thrombosis in mice. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 132ra54	17.5	164
40	Deletion of microsomal prostaglandin E synthase-1 augments prostacyclin and retards atherogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 14507-12	11.5	162
39	De novo synthesis of cyclooxygenase-1 counteracts the suppression of platelet thromboxane biosynthesis by aspirin. <i>Circulation Research</i> , <b>2006</b> , 98, 593-5	15.7	108
38	Microsomal prostaglandin E synthase-1 deletion suppresses oxidative stress and angiotensin II-induced abdominal aortic aneurysm formation. <i>Circulation</i> , <b>2008</b> , 117, 1302-9	16.7	106
37	Aspirin prevents colorectal cancer metastasis in mice by splitting the crosstalk between platelets and tumor cells. <i>Oncotarget</i> , <b>2016</b> , 7, 32462-77	3.3	101
36	Cardiomyocyte cyclooxygenase-2 influences cardiac rhythm and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7548-52	11.5	95
35	Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 2407-2417	15.9	90
34	The Cardiovascular Pharmacology of Nonsteroidal Anti-Inflammatory Drugs. <i>Trends in Pharmacological Sciences</i> , <b>2017</b> , 38, 733-748	13.2	74
33	The biochemical selectivity of novel COX-2 inhibitors in whole blood assays of COX-isozyme activity. <i>Current Medical Research and Opinion</i> , <b>2002</b> , 18, 503-11	2.5	72
32	Tetranor PGDM, an abundant urinary metabolite reflects biosynthesis of prostaglandin D2 in mice and humans. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 1179-88	5.4	66
31	Mechanistic and pharmacological issues of aspirin as an anticancer agent. <i>Pharmaceuticals</i> , <b>2012</b> , 5, 1346-57	5.71	49
30	Effects of AF3442 [N-(9-ethyl-9H-carbazol-3-yl)-2-(trifluoromethyl)benzamide], a novel inhibitor of human microsomal prostaglandin E synthase-1, on prostanoid biosynthesis in human monocytes in vitro. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 974-81	6	47

29	Niacin and biosynthesis of PGD <sub>2</sub> by platelet COX-1 in mice and humans. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 1459-68	15.9	46
28	Targeted deletions of cyclooxygenase-2 and atherogenesis in mice. <i>Circulation</i> , <b>2010</b> , 121, 2654-60	16.7	45
27	Disruption of the 5-lipoxygenase pathway attenuates atherogenesis consequent to COX-2 deletion in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6727-32	11.5	39
26	A comparison of Illumina and Ion Torrent sequencing platforms in the context of differential gene expression. <i>BMC Genomics</i> , <b>2017</b> , 18, 602	4.5	38
25	Effects of acetaminophen on constitutive and inducible prostanoid biosynthesis in human blood cells. <i>British Journal of Pharmacology</i> , <b>2003</b> , 138, 634-41	8.6	37
24	COX-2, the dominant source of prostacyclin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E183	11.5	34
23	Reduced thromboxane biosynthesis in carriers of toll-like receptor 4 polymorphisms in vivo. <i>Blood</i> , <b>2006</b> , 107, 3572-4	2.2	34
22	COX-2 mediates pro-tumorigenic effects of PKC $\beta$ in prostate cancer. <i>Oncogene</i> , <b>2018</b> , 37, 4735-4749	9.2	28
21	Effects of celecoxib on prostanoid biosynthesis and circulating angiogenesis proteins in familial adenomatous polyposis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 341, 242-50	4.7	27
20	A broad-spectrum lipidomics screen of antiinflammatory drug combinations in human blood. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	27
19	Heterogeneity in the suppression of platelet cyclooxygenase-1 activity by aspirin in coronary heart disease. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 80, 115-25	6.1	25
18	NSAID-Gut Microbiota Interactions. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 1153	5.6	24
17	NCX 4040, a nitric oxide-donating aspirin, exerts anti-inflammatory effects through inhibition of I kappa B-alpha degradation in human monocytes. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2140-7	5.3	19
16	Lipocalin-Like Prostaglandin D Synthase but Not Hemopoietic Prostaglandin D Synthase Deletion Causes Hypertension and Accelerates Thrombogenesis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2018</b> , 367, 425-432	4.7	19
15	Comparative evaluation of RNA-Seq library preparation methods for strand-specificity and low input. <i>Scientific Reports</i> , <b>2019</b> , 9, 13477	4.9	14
14	Functionalized low-density lipoprotein nanoparticles for in vivo enhancement of atherosclerosis on magnetic resonance images. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 2313-9	6.3	12
13	Myeloid cell 5-lipoxygenase activating protein modulates the response to vascular injury. <i>Circulation Research</i> , <b>2013</b> , 112, 432-40	15.7	10
12	Cyclooxygenase-2, Asymmetric Dimethylarginine, and the Cardiovascular Hazard From Nonsteroidal Anti-Inflammatory Drugs. <i>Circulation</i> , <b>2018</b> , 138, 2367-2378	16.7	9

11	Platelet-Specific Deletion of Cyclooxygenase-1 Ameliorates Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 416-426	4.7	9
10	Prostaglandin regulation of T cell biology. <i>Pharmacological Research</i> , <b>2019</b> , 149, 104456	10.2	5
9	Pharmacological Characterization of the Microsomal Prostaglandin E Synthase-1 Inhibitor AF3485 and. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 374	5.6	5
8	Druggable Prostanoid Pathway. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1274, 29-54	3.6	5
7	LDL-mimetic lipid nanoparticles prepared by surface KAT ligation for MRI of atherosclerosis. <i>Chemical Science</i> , <b>2020</b> , 11, 11998-12008	9.4	5
6	Distinct vascular genomic response of proton and gamma radiation-A pilot investigation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0207503	3.7	4
5	Modulation of Apoptotic Cell Death and Neuroprotective Effects of Glutathione-L-Dopa Codrug Against HO-Induced Cellular Toxicity. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	3
4	Aspirin in Hepatocellular Carcinoma. <i>Cancer Research</i> , <b>2021</b> , 81, 3751-3761	10.1	3
3	Nonsteroidal anti-inflammatory drugs and glucocorticoids in COVID-19. <i>Advances in Biological Regulation</i> , <b>2021</b> , 81, 100818	6.2	3
2	Aspirin in the Prevention of Cardiovascular Disease and Cancer. <i>Annual Review of Medicine</i> , <b>2021</b> , 72, 473-495	17.4	3
1	Considerations for the Safe Operation of Schools During the Coronavirus Pandemic.. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 751451	6	1