

Emanuela Ricciotti

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,491
citations

185998

28
h-index

197535

49
g-index

50
all docs

50
docs citations

50
times ranked

11700
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prostaglandins and Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 986-1000. | 1.1 | 2,681 |
| 2 | Understanding multicellular function and disease with human tissue-specific networks. <i>Nature Genetics</i> , 2015, 47, 569-576. | 9.4 | 738 |
| 3 | Fatty acid transport protein ² reprograms neutrophils in cancer. <i>Nature</i> , 2019, 569, 73-78. | 13.7 | 440 |
| 4 | Pharmacodynamic interaction of naproxen with low-dose aspirin in healthy subjects. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1295-1301. | 1.2 | 252 |
| 5 | Clinical Pharmacology of Platelet, Monocyte, and Vascular Cyclooxygenase Inhibition by Naproxen and Low-Dose Aspirin in Healthy Subjects. <i>Circulation</i> , 2004, 109, 1468-1471. | 1.6 | 224 |
| 6 | Vascular COX-2 Modulates Blood Pressure and Thrombosis in Mice. <i>Science Translational Medicine</i> , 2012, 4, 132ra54. | 5.8 | 194 |
| 7 | 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> , 2006, 103, 14507-14512. | 3.3 | 186 |
| 8 | Aspirin prevents colorectal cancer metastasis in mice by splitting the crosstalk between platelets and tumor cells. <i>Oncotarget</i> , 2016, 7, 32462-32477. | 0.8 | 130 |
| 9 | The Cardiovascular Pharmacology of Nonsteroidal Anti-Inflammatory Drugs. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 733-748. | 4.0 | 125 |
| 10 | Microsomal Prostaglandin E Synthase-1 Deletion Suppresses Oxidative Stress and Angiotensin II-Induced Abdominal Aortic Aneurysm Formation. <i>Circulation</i> , 2008, 117, 1302-1309. | 1.6 | 124 |
| 11 | De Novo Synthesis of Cyclooxygenase-1 Counteracts the Suppression of Platelet Thromboxane Biosynthesis by Aspirin. <i>Circulation Research</i> , 2006, 98, 593-595. | 2.0 | 122 |
| 12 | Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. <i>Journal of Clinical Investigation</i> , 2017, 127, 2407-2417. | 3.9 | 121 |
| 13 | Cardiomyocyte cyclooxygenase-2 influences cardiac rhythm and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7548-7552. | 3.3 | 107 |
| 14 | The Biochemical Selectivity of Novel COX-2 Inhibitors in Whole Blood Assays of COX-isozyme Activity. <i>Current Medical Research and Opinion</i> , 2002, 18, 503-511. | 0.9 | 82 |
| 15 | Tetranor PGDM, an Abundant Urinary Metabolite Reflects Biosynthesis of Prostaglandin D2 in Mice and Humans. <i>Journal of Biological Chemistry</i> , 2008, 283, 1179-1188. | 1.6 | 81 |
| 16 | Mechanistic and Pharmacological Issues of Aspirin as an Anticancer Agent. <i>Pharmaceuticals</i> , 2012, 5, 1346-1371. | 1.7 | 64 |
| 17 | A comparison of Illumina and Ion Torrent sequencing platforms in the context of differential gene expression. <i>BMC Genomics</i> , 2017, 18, 602. | 1.2 | 57 |
| 18 | Niacin and biosynthesis of PGD2 by platelet COX-1 in mice and humans. <i>Journal of Clinical Investigation</i> , 2012, 122, 1459-1468. | 3.9 | 57 |

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|----|---|-----|-----------|
| 19 | NSAIDâ€™Gut Microbiota Interactions. <i>Frontiers in Pharmacology</i> , 2020, 11, 1153. | 1.6 | 56 |
| 20 | Targeted Deletions of Cyclooxygenase-2 and Atherogenesis in Mice. <i>Circulation</i> , 2010, 121, 2654-2660. | 1.6 | 55 |
| 21 | 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> , 2010, 79, 974-981. | 2.0 | 49 |
| 22 | COX-2 mediates pro-tumorigenic effects of PKCÎ¼ in prostate cancer. <i>Oncogene</i> , 2018, 37, 4735-4749. | 2.6 | 48 |
| 23 | 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> , 2012, 109, 6727-6732. | 3.3 | 45 |
| 24 | Effects of acetaminophen on constitutive and inducible prostanoid biosynthesis in human blood cells. <i>British Journal of Pharmacology</i> , 2003, 138, 634-641. | 2.7 | 41 |
| 25 | COX-2, the dominant source of prostacyclin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E183. | 3.3 | 41 |
| 26 | Reduced thromboxane biosynthesis in carriers of toll-like receptor 4 polymorphisms in vivo. <i>Blood</i> , 2006, 107, 3572-3574. | 0.6 | 36 |
| 27 | A broad-spectrum lipidomics screen of antiinflammatory drug combinations in human blood. <i>JCI Insight</i> , 2016, 1, . | 2.3 | 33 |
| 28 | Effects of Celecoxib on Prostanoid Biosynthesis and Circulating Angiogenesis Proteins in Familial Adenomatous Polyposis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 242-250. | 1.3 | 31 |
| 29 | Heterogeneity in the suppression of platelet cyclooxygenase-1 activity by aspirin in coronary heart disease. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 80, 115-125. | 2.3 | 27 |
| 30 | 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> , 2018, 367, 425-432. | 1.3 | 26 |
| 31 | Aspirin in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2021, 81, 3751-3761. | 0.4 | 24 |
| 32 | Comparative evaluation of RNA-Seq library preparation methods for strand-specificity and low input. <i>Scientific Reports</i> , 2019, 9, 13477. | 1.6 | 22 |
| 33 | NCX 4040, a Nitric Oxide-Donating Aspirin, Exerts Anti-Inflammatory Effects through Inhibition of Î±B-Î± Degradation in Human Monocytes. <i>Journal of Immunology</i> , 2010, 184, 2140-2147. | 0.4 | 20 |
| 34 | Platelet-Specific Deletion of Cyclooxygenase-1 Ameliorates Dextran Sulfate Sodiumâ€™Induced Colitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 416-426. | 1.3 | 18 |
| 35 | Aspirin in the Prevention of Cardiovascular Disease and Cancer. <i>Annual Review of Medicine</i> , 2021, 72, 473-495. | 5.0 | 17 |
| 36 | Myeloid Cell 5-Lipoxygenase Activating Protein Modulates the Response to Vascular Injury. <i>Circulation Research</i> , 2013, 112, 432-440. | 2.0 | 14 |

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|----|---|-----|-----------|
| 37 | Functionalized Low-Density Lipoprotein Nanoparticles for in Vivo Enhancement of Atherosclerosis on Magnetic Resonance Images. <i>Bioconjugate Chemistry</i> , 2012, 23, 2313-2319. | 1.8 | 13 |
| 38 | Cyclooxygenase-2, Asymmetric Dimethylarginine, and the Cardiovascular Hazard From Nonsteroidal Anti-Inflammatory Drugs. <i>Circulation</i> , 2018, 138, 2367-2378. | 1.6 | 13 |
| 39 | Prostaglandin regulation of T cell biology. <i>Pharmacological Research</i> , 2019, 149, 104456. | 3.1 | 13 |
| 40 | LDL-mimetic lipid nanoparticles prepared by surface KAT ligation for <i>in vivo</i> MRI of atherosclerosis. <i>Chemical Science</i> , 2020, 11, 11998-12008. | 3.7 | 13 |
| 41 | Druggable Prostanoid Pathway. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1274, 29-54. | 0.8 | 12 |
| 42 | Nonsteroidal anti-inflammatory drugs and glucocorticoids in COVID-19. <i>Advances in Biological Regulation</i> , 2021, 81, 100818. | 1.4 | 10 |
| 43 | Considerations for the Safe Operation of Schools During the Coronavirus Pandemic. <i>Frontiers in Public Health</i> , 2021, 9, 751451. | 1.3 | 9 |
| 44 | Modulation of Apoptotic Cell Death and Neuroprotective Effects of Glutathione L-Dopa Codrug Against H ₂ O ₂ -Induced Cellular Toxicity. <i>Antioxidants</i> , 2019, 8, 319. | 2.2 | 6 |
| 45 | Pharmacological Characterization of the Microsomal Prostaglandin E ₂ Synthase-1 Inhibitor AF3485 In Vitro and In Vivo. <i>Frontiers in Pharmacology</i> , 2020, 11, 374. | 1.6 | 6 |
| 46 | Distinct vascular genomic response of proton and gamma radiation—A pilot investigation. <i>PLoS ONE</i> , 2019, 14, e0207503. | 1.1 | 4 |
| 47 | Anti-Migratory Effects of 4 ^β -Geranyloxyferulic Acid on LPS-Stimulated U937 and HCT116 Cells via MMP-9 Down-Regulation: Involvement of ROS/ERK Signaling Pathway. <i>Antioxidants</i> , 2020, 9, 470. | 2.2 | 2 |
| 48 | Sex-dependent compensatory mechanisms preserve blood pressure homeostasis in prostacyclin receptor-deficient mice. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 3.9 | 1 |
| 49 | Editorial: Eicosanoids in Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 765214. | 1.6 | 1 |
| 50 | Systemic Eicosanoid and Cytokine Response to Niacin: Implications in HPS2-THRIVE Trial and Beyond—. <i>Journal of Clinical Lipidology</i> , 2014, 8, 309-310. | 0.6 | 0 |