

# Ingrid Fleming

## List of Publications by Year in descending order

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Version: 2024-02-01

340  
papers

28,740  
citations

3919

88  
h-index

6454

157  
g-index

351  
all docs

351  
docs citations

351  
times ranked

24190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P450-derived fatty acid epoxides and diols in angiogenesis and stem cell biology. , 2022, 234, 108049.		9
2	Development and Characterization of a Fluorescent Ligand for Leukotriene B4 Receptor 2 in Cells and Tissues. Journal of Medicinal Chemistry, 2022, 65, 2023-2034.	2.9	2
3	Disruption of Prostaglandin E2 Signaling in Cancer-Associated Fibroblasts Limits Mammary Carcinoma Growth but Promotes Metastasis. Cancer Research, 2022, 82, 1380-1395.	0.4	10
4	Phosphodiesterases S-sulfhydration contributes to human skeletal muscle function.. Pharmacological Research, 2022, 177, 106108.	3.1	8
5	Loss of Endothelial Cytochrome P450 Reductase Induces Vascular Dysfunction in Mice. Hypertension, 2022, 79, 1216-1226.	1.3	3
6	Phosphatidylserine Synthase PTSS1 Shapes the Tumor Lipidome to Maintain Tumor-Promoting Inflammation. Cancer Research, 2022, 82, 1617-1632.	0.4	11
7	Mechanisms, therapeutic implications, and methodological challenges of gut microbiota and cardiovascular diseases: a position paper by the ESC Working Group on Coronary Pathophysiology and Microcirculation. Cardiovascular Research, 2022, 118, 3171-3182.	1.8	21
8	Effect of Thrombin on the Metabolism and Function of Murine Macrophages. Cells, 2022, 11, 1718.	1.8	5
9	Role of the soluble epoxide hydrolase in the hair follicle stem cell homeostasis and hair growth. Pflugers Archiv European Journal of Physiology, 2022, 474, 1021-1035.	1.3	1
10	Human platelets are a source of collagen I. Haematologica, 2021, 106, 899-902.	1.7	3
11	VE-PTP inhibition elicits eNOS phosphorylation to blunt endothelial dysfunction and hypertension in diabetes. Cardiovascular Research, 2021, 117, 1546-1556.	1.8	33
12	Mapping the Endothelial Cell <i>S</i> -Sulfhydryl Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. Circulation, 2021, 143, 935-948.	1.6	70
13	Single cell sequencing reveals endothelial plasticity with transient mesenchymal activation after myocardial infarction. Nature Communications, 2021, 12, 681.	5.8	158
14	EVL regulates VEGF receptor internalization and signaling in developmental angiogenesis. EMBO Reports, 2021, 22, e48961.	2.0	19
15	Metabolism pathways of arachidonic acids: mechanisms and potential therapeutic targets. Signal Transduction and Targeted Therapy, 2021, 6, 94.	7.1	406
16	Apoptotic Cells induce Proliferation of Peritoneal Macrophages. International Journal of Molecular Sciences, 2021, 22, 2230.	1.8	2
17	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual sEH/PPAR $\beta$ Modulator. Journal of Medicinal Chemistry, 2021, 64, 2815-2828.	2.9	7
18	Secreted modular calcium-binding protein 1 binds and activates thrombin to account for platelet hyperreactivity in diabetes. Blood, 2021, 137, 1641-1651.	0.6	12

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19	A prickly situation: competitive antagonism by different hedgehog proteins. <i>Cardiovascular Research</i> , 2021, 117, 2411-2413.	1.8	0
20	AGMO Inhibitor Reduces 3T3-L1 Adipogenesis. <i>Cells</i> , 2021, 10, 1081.	1.8	5
21	Increased susceptibility of human endothelial cells to infections by SARS-CoV-2 variants. <i>Basic Research in Cardiology</i> , 2021, 116, 42.	2.5	33
22	The Consequences of Soluble Epoxide Hydrolase Deletion on Tumorigenesis and Metastasis in a Mouse Model of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7120.	1.8	6
23	Who is afraid of being a reviewer? An Aâ€Z of tips and tricks for peer review. <i>Cardiovascular Research</i> , 2021, 117, e104-e105.	1.8	1
24	Oxidative Post-Translational Modifications: A Focus on Cysteine <i>S</i> -Sulfhydration and the Regulation of Endothelial Fitness. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1494-1514.	2.5	18
25	Cyp2c44 epoxygenase-derived epoxyeicosatrienoic acids in vascular smooth muscle cells elicit vasoconstriction of the murine ophthalmic artery. <i>Scientific Reports</i> , 2021, 11, 18764.	1.6	1
26	MicroRNA-124 Alleviates Retinal Vasoregression via Regulating Microglial Polarization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11068.	1.8	9
27	G-protein-coupled receptor P2Y10 facilitates chemokine-induced CD4 T cell migration through autocrine/paracrine mediators. <i>Nature Communications</i> , 2021, 12, 6798.	5.8	19
28	Anomalous $K_{v}7$ channel activity in human malignant hyperthermia syndrome unmasks a key role for $H_{2}S$ and persulfidation in skeletal muscle. <i>British Journal of Pharmacology</i> , 2020, 177, 810-823.	2.7	16
29	AKAP12 deficiency impairs VEGFâ€induced endothelial cell migration and sprouting. <i>Acta Physiologica</i> , 2020, 228, e13325.	1.8	31
30	Shear stress regulates cystathionine $\beta$ lyase expression to preserve endothelial redox balance and reduce membrane lipid peroxidation. <i>Redox Biology</i> , 2020, 28, 101379.	3.9	37
31	Role of cytochrome P450-derived, polyunsaturated fatty acid mediators in diabetes and the metabolic syndrome. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 148, 106407.	1.0	27
32	Effects of macitentan and tadalafil monotherapy or their combination on the right ventricle and plasma metabolites in pulmonary hypertensive rats. <i>Pulmonary Circulation</i> , 2020, 10, 1-16.	0.8	9
33	Protective effect of Soluble Epoxide Hydrolase Inhibition in Retinal Vasculopathy associated with Polycystic Kidney Disease. <i>Theranostics</i> , 2020, 10, 7857-7871.	4.6	6
34	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020, 176, 113833.	2.0	45
35	Platelet-derived calpain cleaves the endothelial protease-activated receptor 1 to induce vascular inflammation in diabetes. <i>Basic Research in Cardiology</i> , 2020, 115, 75.	2.5	13
36	Cyclin Y Is Expressed in Platelets and Modulates Integrin Outside-in Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8239.	1.8	4

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37	Adipocyte Piezo1 mediates obesogenic adipogenesis through the FGF1/FGFR1 signaling pathway in mice. <i>Nature Communications</i> , 2020, 11, 2303.	5.8	76
38	Cyp2c44 regulates prostaglandin synthesis, lymphangiogenesis, and metastasis in a mouse model of breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5923-5930.	3.3	10
39	Cystathionine $\beta$ Lyase Sulphydrates the RNA Binding Protein Human Antigen R to Preserve Endothelial Cell Function and Delay Atherogenesis. <i>Circulation</i> , 2019, 139, 101-114.	1.6	103
40	The histone demethylase Jarid1b mediates angiotensin II-induced endothelial dysfunction by controlling the 3'UTR of soluble epoxide hydrolase. <i>Acta Physiologica</i> , 2019, 225, e13168.	1.8	8
41	Nitric oxide maintains endothelial redox homeostasis through PKM2 inhibition. <i>EMBO Journal</i> , 2019, 38, e100938.	3.5	39
42	Myeloid-Specific Deletion of the AMPK $\alpha$ 2 Subunit Alters Monocyte Protein Expression and Atherogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3005.	1.8	9
43	New Lipid Mediators in Retinal Angiogenesis and Retinopathy. <i>Frontiers in Pharmacology</i> , 2019, 10, 739.	1.6	10
44	Regulation of calpain 2 expression by miR-223 and miR-145. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 194438.	0.9	9
45	IL27R $\beta$ Deficiency Alters Endothelial Cell Function and Subverts Tumor Angiogenesis in Mammary Carcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 1022.	1.3	6
46	Extracellular RNA released due to shear stress controls natural bypass growth by mediating mechanotransduction in mice. <i>Blood</i> , 2019, 134, 1469-1479.	0.6	28
47	Pleiotropic effects of laminar flow and statins depend on the Kr $\beta$ 4ppl-like factor-induced lncRNA MANTIS. <i>European Heart Journal</i> , 2019, 40, 2523-2533.	1.0	58
48	Epigenetic control of the angiotensin-converting enzyme in endothelial cells during inflammation. <i>PLoS ONE</i> , 2019, 14, e0216218.	1.1	13
49	Chronic Hypoxia Enhances $\beta$ -Oxidation-Dependent Electron Transport via Electron Transferring Flavoproteins. <i>Cells</i> , 2019, 8, 172.	1.8	17
50	Coronary Revascularization During Heart Regeneration Is Regulated by Epicardial and Endocardial Cues and Forms a Scaffold for Cardiomyocyte Repopulation. <i>Developmental Cell</i> , 2019, 51, 503-515.e4.	3.1	89
51	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. <i>Cardiovascular Research</i> , 2019, 115, 625-636.	1.8	31
52	ADAR1 Is Required for Dendritic Cell Subset Homeostasis and Alveolar Macrophage Function. <i>Journal of Immunology</i> , 2019, 202, 1099-1111.	0.4	24
53	Association between arginase-containing platelet-derived microparticles and altered plasma arginine metabolism in polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2019, 90, 16-19.	1.5	12
54	Redox Regulation of Calpains: Consequences on Vascular Function. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1011-1026.	2.5	8

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55	Shear stress-induced endothelial adrenomedullin signaling regulates vascular tone and blood pressure. <i>Journal of Clinical Investigation</i> , 2019, 129, 2775-2791.	3.9	129
56	Soluble epoxide hydrolase promotes astrocyte survival in retinopathy of prematurity. <i>Journal of Clinical Investigation</i> , 2019, 129, 5204-5218.	3.9	19
57	VASP regulates leukocyte infiltration, polarization, and vascular repair after ischemia. <i>Journal of Cell Biology</i> , 2018, 217, 1503-1519.	2.3	31
58	Phosphorylation of vasodilator-stimulated phosphoprotein contributes to myocardial ischemic preconditioning. <i>Basic Research in Cardiology</i> , 2018, 113, 11.	2.5	20
59	Zeb1-Hdac2-eNOS circuitry identifies early cardiovascular precursors in naive mouse embryonic stem cells. <i>Nature Communications</i> , 2018, 9, 1281.	5.8	14
60	Role of the angiotensin-converting enzyme in the G-CSF-induced mobilization of progenitor cells. <i>Basic Research in Cardiology</i> , 2018, 113, 18.	2.5	14
61	Mitochondrial fragmentation in human macrophages attenuates palmitate-induced inflammatory responses. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 433-446.	1.2	15
62	The NADPH oxidizers NoxO1 and p47phox are both mediators of diabetes-induced vascular dysfunction in mice. <i>Redox Biology</i> , 2018, 15, 12-21.	3.9	40
63	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type2 Diabetes Patients. <i>Circulation Research</i> , 2018, 122, 31-46.	2.0	33
64	Platelet-Enriched MicroRNAs and Cardiovascular Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 902-921.	2.5	18
65	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. <i>Nature Communications</i> , 2018, 9, 5357.	5.8	36
66	Polarization of Human Macrophages by Interleukin-4 Does Not Require ATP-Citrate Lyase. <i>Frontiers in Immunology</i> , 2018, 9, 2858.	2.2	25
67	Endothelial AMP-Activated Kinase $\pm$ Phosphorylates eNOS on Thr495 and Decreases Endothelial NO Formation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2753.	1.8	18
68	Platelet communication with the vascular wall: role of platelet-derived microparticles and non-coding RNAs. <i>Clinical Science</i> , 2018, 132, 1875-1888.	1.8	11
69	Angiogenesis and vascular stability in eicosanoids and cancer. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 425-438.	2.7	18
70	A selective and sensitive method for quantification of endogenous polysulfide production in biological samples. <i>Redox Biology</i> , 2018, 18, 295-304.	3.9	58
71	Cellular stress induces erythrocyte assembly on intravascular von Willebrand factor strings and promotes microangiopathy. <i>Scientific Reports</i> , 2018, 8, 10945.	1.6	19
72	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <i>Nature Communications</i> , 2018, 9, 2292.	5.8	44

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73	The role of eNOS on the compensatory regulation of vascular tonus by H <sub>2</sub> S in mouse carotid arteries. Nitric Oxide - Biology and Chemistry, 2017, 69, 45-50.	1.2	7
74	Role of Müller cell cytochrome P450 2c44 in murine retinal angiogenesis. Prostaglandins and Other Lipid Mediators, 2017, 133, 93-102.	1.0	12
75	Calpain 1 cleaves and inactivates prostacyclin synthase in mesenteric arteries from diabetic mice. Basic Research in Cardiology, 2017, 112, 10.	2.5	33
76	Hydrogen Sulfide Preserves Endothelial Nitric Oxide Synthase Function by Inhibiting Proline-Rich Kinase 2: Implications for Cardiomyocyte Survival and Cardioprotection. Molecular Pharmacology, 2017, 92, 718-730.	1.0	32
77	Cytochrome P450 enzymes but not NADPH oxidases are the source of the NADPH-dependent lucigenin chemiluminescence in membrane assays. Free Radical Biology and Medicine, 2017, 102, 57-66.	1.3	37
78	AMP-Activated Protein Kinase $\beta$ 2 in Neutrophils Regulates Vascular Repair via Hypoxia-Inducible Factor-1 $\alpha$ and a Network of Proteins Affecting Metabolism and Apoptosis. Circulation Research, 2017, 120, 99-109.	2.0	38
79	Alterations of the platelet proteome in type I Glanzmann thrombasthenia caused by different homozygous delG frameshift mutations in ITGA2B. Thrombosis and Haemostasis, 2017, 117, 556-569.	1.8	23
80	Redox Control of Renal Metabolism and Transport Function by the NADPH Oxidase Nox4. Free Radical Biology and Medicine, 2017, 112, 174.	1.3	13
81	NO Signaling Defects in Hypertension. , 2017, , 301-311.		2
82	Effects of soluble CPE on glioma cell migration are associated with mTOR activation and enhanced glucose flux. Oncotarget, 2017, 8, 67567-67591.	0.8	11
83	Inhibition of soluble epoxide hydrolase prevents diabetic retinopathy. Nature, 2017, 552, 248-252.	13.7	113
84	S1PR1 on tumor-associated macrophages promotes lymphangiogenesis and metastasis via NLRP3/IL-1 $\beta$ . Journal of Experimental Medicine, 2017, 214, 2695-2713.	4.2	216
85	Tyrosine phosphorylation of eNOS regulates myocardial survival after an ischaemic insult: role of PYK2. Cardiovascular Research, 2017, 113, 926-937.	1.8	25
86	Angiopietin-2 mediates thrombin-induced monocyte adhesion and endothelial permeability. Journal of Thrombosis and Haemostasis, 2016, 14, 1655-1667.	1.9	23
87	Annexin AXL. Circulation Research, 2016, 119, 1149-1150.	2.0	3
88	The soluble epoxide hydrolase determines cholesterol homeostasis by regulating AMPK and SREBP activity. Prostaglandins and Other Lipid Mediators, 2016, 125, 30-39.	1.0	15
89	The eNOS signalosome and its link to endothelial dysfunction. Pflugers Archiv European Journal of Physiology, 2016, 468, 1125-1137.	1.3	125
90	A Modified Aortic Ring Assay to Assess Angiogenic Potential In Vitro. Methods in Molecular Biology, 2016, 1430, 205-219.	0.4	12

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91	Differential effects of EPA versus DHA on postprandial vascular function and the plasma oxylipin profile in men. <i>Journal of Lipid Research</i> , 2016, 57, 1720-1727.	2.0	31
92	β-Catenin Is Required for Endothelial Cyp1b1 Regulation Influencing Metabolic Barrier Function. <i>Journal of Neuroscience</i> , 2016, 36, 8921-8935.	1.7	37
93	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on "New frontiers in cardiovascular research". <i>Basic Research in Cardiology</i> , 2016, 111, 69.	2.5	41
94	Lipocalin 2 from macrophages stimulated by tumor cell-derived sphingosine 1-phosphate promotes lymphangiogenesis and tumor metastasis. <i>Science Signaling</i> , 2016, 9, ra64.	1.6	73
95	Can erythrocytes release biologically active NO?. <i>Cell Communication and Signaling</i> , 2016, 14, 22.	2.7	6
96	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , 2016, 111, 184-193.	1.8	54
97	The factor in EDHF: Cytochrome P450 derived lipid mediators and vascular signaling. <i>Vascular Pharmacology</i> , 2016, 86, 31-40.	1.0	42
98	Hypoxia Potentiates Palmitate-induced Pro-inflammatory Activation of Primary Human Macrophages. <i>Journal of Biological Chemistry</i> , 2016, 291, 413-424.	1.6	70
99	Role of Transient Receptor Potential Vanilloid 4 in Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 370-383.	1.4	95
100	Pro-inflammatory obesity in aged cannabinoid-2 receptor-deficient mice. <i>International Journal of Obesity</i> , 2016, 40, 366-379.	1.6	35
101	Unchanged NADPH Oxidase Activity in Nox1-Nox2-Nox4 Triple Knockout Mice: What Do NADPH-Stimulated Chemiluminescence Assays Really Detect?. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 392-399.	2.5	52
102	Renal cell carcinoma alters endothelial receptor expression responsible for leukocyte adhesion. <i>Oncotarget</i> , 2016, 7, 20410-20424.	0.8	7
103	Metformin reduces hyper-reactivity of platelets from patients with polycystic ovary syndrome by improving mitochondrial integrity. <i>Thrombosis and Haemostasis</i> , 2015, 114, 569-578.	1.8	22
104	P2Y2 and Gq/G11 control blood pressure by mediating endothelial mechanotransduction. <i>Journal of Clinical Investigation</i> , 2015, 125, 3077-3086.	3.9	145
105	Role of secreted modular calcium-binding protein 1 (SMOC1) in transforming growth factor β signalling and angiogenesis. <i>Cardiovascular Research</i> , 2015, 106, 284-294.	1.8	59
106	Epigenetic Regulation of Angiogenesis by JARID1B-Induced Repression of HOXA5. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1645-1652.	1.1	33
107	Translating GWAS Into the Flow-Regulated Modulation of Lipid Mediator Signaling. <i>Circulation Research</i> , 2015, 117, 302-304.	2.0	1
108	Whatever Happened to the Epoxyeicosatrienoic Acid-Like Endothelium-Derived Hyperpolarizing Factor? The Identification of Novel Classes of Lipid Mediators and Their Role in Vascular Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1273-1292.	2.5	20

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109	HIF-2alpha-dependent PAI-1 induction contributes to angiogenesis in hepatocellular carcinoma. <i>Experimental Cell Research</i> , 2015, 331, 46-57.	1.2	36
110	HIF-1 $\alpha$ attenuates lymphangiogenesis by up-regulating IGFBP1 in hepatocellular carcinoma. <i>Biology of the Cell</i> , 2015, 107, 175-188.	0.7	18
111	Dicer Cleavage by Calpain Determines Platelet microRNA Levels and Function in Diabetes. <i>Circulation Research</i> , 2015, 117, 157-165.	2.0	94
112	Cytochrome P450-Derived Lipid Mediators and Vascular Responses. , 2015, , 209-231.		0
113	Response to Pagano et al.. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1247-1249.	2.5	1
114	The F-BAR Protein NOSTRIN Dictates the Localization of the Muscarinic M3 Receptor and Regulates Cardiovascular Function. <i>Circulation Research</i> , 2015, 117, 460-469.	2.0	15
115	Increased cerebrospinal fluid calpain activity and microparticle levels in Alzheimer's disease. , 2015, 11, 465-474.		31
116	Interactions between thromboxane A2, thromboxane/prostaglandin (TP) receptors, and endothelium-derived hyperpolarization. <i>Cardiovascular Research</i> , 2014, 102, 9-16.	1.8	57
117	Energy and motion: AMP-activated protein kinase-1 and its role in platelet activation. <i>Journal of Thrombosis and Haemostasis</i> , 2014, 12, 970-972.	1.9	1
118	The number of cardiac myocytes in the hypertrophic and hypotrophic left ventricle of the obese and calorie-restricted mouse heart. <i>Journal of Anatomy</i> , 2014, 225, 539-547.	0.9	14
119	The Biological Actions of 11,12-Epoxyeicosatrienoic Acid in Endothelial Cells Are Specific to the R/S-Enantiomer and Require the Gs $\alpha$ Protein. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 14-21.	1.3	47
120	Müller glia cells regulate Notch signaling and retinal angiogenesis via the generation of 19,20-dihydroydocosapentaenoic acid. <i>Journal of Experimental Medicine</i> , 2014, 211, 281-295.	4.2	68
121	Electrophilic Fatty Acid Species Inhibit 5-Lipoxygenase and Attenuate Sepsis-Induced Pulmonary Inflammation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2667-2680.	2.5	49
122	The Pharmacology of the Cytochrome P450 Epoxygenase/Soluble Epoxide Hydrolase Axis in the Vasculature and Cardiovascular Disease. <i>Pharmacological Reviews</i> , 2014, 66, 1106-1140.	7.1	122
123	5-Lipoxygenase Is a Candidate Target for Therapeutic Management of Stem Cell-like Cells in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2014, 74, 5244-5255.	0.4	47
124	Müller glia cells regulate Notch signaling and retinal angiogenesis via the generation of 19,20-dihydroydocosapentaenoic acid. <i>Journal of Cell Biology</i> , 2014, 204, 2043-2051.	2.3	0
125	Cytochrome P4502S1: a novel monocyte/macrophage fatty acid epoxygenase in human atherosclerotic plaques. <i>Basic Research in Cardiology</i> , 2013, 108, 319.	2.5	41
126	MicroRNA-223 Antagonizes Angiogenesis by Targeting $\beta$ 1 Integrin and Preventing Growth Factor Signaling in Endothelial Cells. <i>Circulation Research</i> , 2013, 113, 1320-1330.	2.0	121

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127	Mena/VASP and $\beta$ -II-Spectrin complexes regulate cytoplasmic actin networks in cardiomyocytes and protect from conduction abnormalities and dilated cardiomyopathy. <i>Cell Communication and Signaling</i> , 2013, 11, 56.	2.7	38
128	EGFL7 ligates $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> integrin to enhance vessel formation. <i>Blood</i> , 2013, 121, 3041-3050.	0.6	62
129	Soluble epoxide hydrolase disruption as therapeutic target for wound healing. <i>Journal of Surgical Research</i> , 2013, 182, 362-367.	0.8	25
130	The atherosusceptible endothelium: endothelial phenotypes in complex haemodynamic shear stress regions in vivo. <i>Cardiovascular Research</i> , 2013, 99, 315-327.	1.8	251
131	Transforming Growth Factor- $\beta$ 1 Activated Kinase 1 Regulates Angiogenesis via AMP-Activated Protein Kinase- $\alpha$ 1 and Redox Balance in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2792-2799.	1.1	40
132	A Novel APJ Signaling Cascade That Regulates Cardiovascular Development. <i>Circulation Research</i> , 2013, 113, 4-6.	2.0	7
133	Monoamine Oxidases Are Mediators of Endothelial Dysfunction in the Mouse Aorta. <i>Hypertension</i> , 2013, 62, 140-146.	1.3	78
134	AMP-Activated Protein Kinase Regulates Endothelial Cell Angiotensin-Converting Enzyme Expression via p53 and the Post-Transcriptional Regulation of microRNA-143/145. <i>Circulation Research</i> , 2013, 112, 1150-1158.	2.0	87
135	Ca <sup>2+</sup> -sensing Receptor Cleavage by Calpain Partially Accounts for Altered Vascular Reactivity in Mice Fed a High-fat Diet. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 528-535.	0.8	30
136	Methylglyoxal Induces Platelet Hyperaggregation and Reduces Thrombus Stability by Activating PKC and Inhibiting PI3K/Akt Pathway. <i>PLoS ONE</i> , 2013, 8, e74401.	1.1	24
137	The F-BAR protein NOSTRIN participates in FGF signal transduction and vascular development. <i>EMBO Journal</i> , 2012, 31, 3309-3322.	3.5	32
138	Soluble epoxide hydrolase regulates hematopoietic progenitor cell function via generation of fatty acid diols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9995-10000.	3.3	60
139	Deleted in Malignant Brain Tumors 1 is Present in the Vascular Extracellular Matrix and Promotes Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 442-448.	1.1	31
140	Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1605-1612.	1.1	49
141	Platelet Function and Signaling in Diabetes Mellitus. <i>Current Vascular Pharmacology</i> , 2012, 10, 532-538.	0.8	22
142	Calpain inhibition stabilizes the platelet proteome and reactivity in diabetes. <i>Blood</i> , 2012, 120, 415-423.	0.6	54
143	MicroRNA-27a/b controls endothelial cell repulsion and angiogenesis by targeting semaphorin 6A. <i>Blood</i> , 2012, 119, 1607-1616.	0.6	211
144	One miR Level of Control. <i>Hypertension</i> , 2012, 60, 1381-1382.	1.3	11

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145	Molecular pharmacological profile of a novel thiazolinone-based direct and selective 5-lipoxygenase inhibitor. <i>British Journal of Pharmacology</i> , 2012, 165, 2304-2313.	2.7	14
146	Nucleotide Excision DNA Repair Is Associated With Age-Related Vascular Dysfunction. <i>Circulation</i> , 2012, 126, 468-478.	1.6	153
147	Stereological characterization of left ventricular cardiomyocytes, capillaries, and innervation in the nondiabetic, obese mouse. <i>Cardiovascular Pathology</i> , 2012, 21, 346-354.	0.7	18
148	All cut up! The consequences of calpain activation on platelet function. <i>Vascular Pharmacology</i> , 2012, 56, 210-215.	1.0	18
149	Hypoxic pulmonary vasoconstriction requires connexin 40-mediated endothelial signal conduction. <i>Journal of Clinical Investigation</i> , 2012, 122, 4218-4230.	3.9	134
150	11,12-EET Stimulates the Association of BK Channel $\alpha$ and $\beta$ 1 Subunits in Mitochondria to Induce Pulmonary Vasoconstriction. <i>PLoS ONE</i> , 2012, 7, e46065.	1.1	29
151	12,13-dihydroxyoctadecenoic acid regulates hematopoietic stem cell and progenitor cell function in zebrafish and mouse. <i>FASEB Journal</i> , 2012, 26, lb218.	0.2	0
152	Activation of Adenosine-Monophosphate-Activated Protein Kinase Abolishes Desflurane-Induced Preconditioning Against Myocardial Infarction In Vivo. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 66-71.	0.6	6
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