

Ingrid Fleming

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

321
papers

24,218
citations

83
h-index

146
g-index

351
ext. papers

26,353
ext. citations

8.7
avg, IF

7
L-index

#	Paper	IF	Citations
321	Phosphodiesterases S-sulfhydration contributes to human skeletal muscle function.. <i>Pharmacological Research</i> , 2022 , 177, 106108	10.2	1
320	Loss of Endothelial Cytochrome P450 Reductase Induces Vascular Dysfunction in Mice.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12118752	8.5	1
319	Phosphatidylserine Synthase PTDSS1 Shapes the Tumor Lipidome to Maintain Tumor-Promoting Inflammation.. <i>Cancer Research</i> , 2022 , 82, 1617-1632	10.1	1
318	Effect of Thrombin on the Metabolism and Function of Murine Macrophages. <i>Cells</i> , 2022 , 11, 1718	7.9	1
317	G-protein-coupled receptor P2Y10 facilitates chemokine-induced CD4 T cell migration through autocrine/paracrine mediators. <i>Nature Communications</i> , 2021 , 12, 6798	17.4	5
316	Cytochrome P450-derived fatty acid epoxides and diols in angiogenesis and stem cell biology. <i>Pharmacology & Therapeutics</i> , 2021 , 108049	13.9	2
315	AGMO Inhibitor Reduces 3T3-L1 Adipogenesis. <i>Cells</i> , 2021 , 10,	7.9	1
314	Increased susceptibility of human endothelial cells to infections by SARS-CoV-2 variants. <i>Basic Research in Cardiology</i> , 2021 , 116, 42	11.8	11
313	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,	6.3	1
312	Human platelets are a source of collagen I. <i>Haematologica</i> , 2021 , 106, 899-902	6.6	1
311	VE-PTP inhibition elicits eNOS phosphorylation to blunt endothelial dysfunction and hypertension in diabetes. <i>Cardiovascular Research</i> , 2021 , 117, 1546-1556	9.9	18
310	Mapping the Endothelial Cell -Sulfhydrome Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. <i>Circulation</i> , 2021 , 143, 935-948	16.7	20
309	Single cell sequencing reveals endothelial plasticity with transient mesenchymal activation after myocardial infarction. <i>Nature Communications</i> , 2021 , 12, 681	17.4	36
308	EVL regulates VEGF receptor-2 internalization and signaling in developmental angiogenesis. <i>EMBO Reports</i> , 2021 , 22, e48961	6.5	8
307	Metabolism pathways of arachidonic acids: mechanisms and potential therapeutic targets. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 94	21	68
306	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual sEH/PPAR γ Modulator. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2815-2828	8.3	4
305	Secreted modular calcium-binding protein 1 binds and activates thrombin to account for platelet hyperreactivity in diabetes. <i>Blood</i> , 2021 , 137, 1641-1651	2.2	5

304	Who is afraid of being a reviewer? An A-Z of tips and tricks for peer review. <i>Cardiovascular Research</i> , 2021 , 117, e104-e105	9.9	0
303	Oxidative Post-Translational Modifications: A Focus on Cysteine Sulphydration and the Regulation of Endothelial Fitness. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 1494-1514	8.4	3
302	Cyp2c44 epoxygenase-derived epoxyeicosatrienoic acids in vascular smooth muscle cells elicit vasoconstriction of the murine ophthalmic artery. <i>Scientific Reports</i> , 2021 , 11, 18764	4.9	0
301	Cyclin Y is expressed in Platelets and Modulates Integrin Outside-in Signaling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
300	Adipocyte Piezo1 mediates obesogenic adipogenesis through the FGF1/FGFR1 signaling pathway in mice. <i>Nature Communications</i> , 2020 , 11, 2303	17.4	28
299	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	11.5	5
298	Shear stress regulates cystathionine γ lyase expression to preserve endothelial redox balance and reduce membrane lipid peroxidation. <i>Redox Biology</i> , 2020 , 28, 101379	11.3	18
297	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	3.7	12
296	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, 2045894020947283	3.7	2
295	Protective effect of Soluble Epoxide Hydrolase Inhibition in Retinal Vasculopathy associated with Polycystic Kidney Disease. <i>Theranostics</i> , 2020 , 10, 7857-7871	12.1	4
294	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020 , 176, 113833	6	23
293	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	11.8	5
292	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	8.6	9
291	AKAP12 deficiency impairs VEGF-induced endothelial cell migration and sprouting. <i>Acta Physiologica</i> , 2020 , 228, e13325	5.6	11
290	Extracellular RNA released due to shear stress controls natural bypass growth by mediating mechanotransduction in mice. <i>Blood</i> , 2019 , 134, 1469-1479	2.2	11
289	Pleiotropic effects of laminar flow and statins depend on the Krüppel-like factor-induced lncRNA MANTIS. <i>European Heart Journal</i> , 2019 , 40, 2523-2533	9.5	41
288	Epigenetic control of the angiotensin-converting enzyme in endothelial cells during inflammation. <i>PLoS ONE</i> , 2019 , 14, e0216218	3.7	9
287	Cystathionine γ lyase Sulphydrates the RNA Binding Protein Human Antigen R to Preserve Endothelial Cell Function and Delay Atherogenesis. <i>Circulation</i> , 2019 , 139, 101-114	16.7	59

286	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	5.6	3
285	Nitric oxide maintains endothelial redox homeostasis through PKM2 inhibition. <i>EMBO Journal</i> , 2019 , 38, e100938	13	24
284	Myeloid-Specific Deletion of the AMPK α Subunit Alters Monocyte Protein Expression and Atherogenesis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
283	New Lipid Mediators in Retinal Angiogenesis and Retinopathy. <i>Frontiers in Pharmacology</i> , 2019 , 10, 739	5.6	7
282	Regulation of calpain 2 expression by miR-223 and miR-145. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019 , 1862, 194438	6	8
281	IL27R β Deficiency Alters Endothelial Cell Function and Subverts Tumor Angiogenesis in Mammary Carcinoma. <i>Frontiers in Oncology</i> , 2019 , 9, 1022	5.3	4
280	Shear stress-induced endothelial adrenomedullin signaling regulates vascular tone and blood pressure. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2775-2791	15.9	59
279	Soluble epoxide hydrolase promotes astrocyte survival in retinopathy of prematurity. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5204-5218	15.9	14
278	Chronic Hypoxia Enhances β Oxidation-Dependent Electron Transport via Electron Transferring Flavoproteins. <i>Cells</i> , 2019 , 8,	7.9	3
277	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	10.2	43
276	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	9.9	22
275	ADAR1 Is Required for Dendritic Cell Subset Homeostasis and Alveolar Macrophage Function. <i>Journal of Immunology</i> , 2019 , 202, 1099-1111	5.3	5
274	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	12.7	7
273	Redox Regulation of Calpains: Consequences on Vascular Function. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 1011-1026	8.4	4
272	VASP regulates leukocyte infiltration, polarization, and vascular repair after ischemia. <i>Journal of Cell Biology</i> , 2018 , 217, 1503-1519	7.3	16
271	Phosphorylation of vasodilator-stimulated phosphoprotein contributes to myocardial ischemic preconditioning. <i>Basic Research in Cardiology</i> , 2018 , 113, 11	11.8	13
270	Zeb1-Hdac2-eNOS circuitry identifies early cardiovascular precursors in naive mouse embryonic stem cells. <i>Nature Communications</i> , 2018 , 9, 1281	17.4	10
269	Role of the angiotensin-converting enzyme in the G-CSF-induced mobilization of progenitor cells. <i>Basic Research in Cardiology</i> , 2018 , 113, 18	11.8	13

268	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	5	10
267	A selective and sensitive method for quantification of endogenous polysulfide production in biological samples. <i>Redox Biology</i> , 2018 , 18, 295-304	11.3	40
266	Cellular stress induces erythrocyte assembly on intravascular von Willebrand factor strings and promotes microangiopathy. <i>Scientific Reports</i> , 2018 , 8, 10945	4.9	9
265	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <i>Nature Communications</i> , 2018 , 9, 2292	17.4	26
264	The NADPH oxidizers NoxO1 and p47phox are both mediators of diabetes-induced vascular dysfunction in mice. <i>Redox Biology</i> , 2018 , 15, 12-21	11.3	28
263	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type2 Diabetes Patients: Rescue by β Ketoglutarate and TET-TDG Functional Reactivation. <i>Circulation Research</i> , 2018 , 122, 31-46	15.7	23
262	Platelet-Enriched MicroRNAs and Cardiovascular Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 902-921	8.4	12
261	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. <i>Nature Communications</i> , 2018 , 9, 5357	17.4	19
260	Polarization of Human Macrophages by Interleukin-4 Does Not Require ATP-Citrate Lyase. <i>Frontiers in Immunology</i> , 2018 , 9, 2858	8.4	17
259	Endothelial AMP-Activated Kinase η Phosphorylates eNOS on Thr495 and Decreases Endothelial NO Formation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
258	Platelet communication with the vascular wall: role of platelet-derived microparticles and non-coding RNAs. <i>Clinical Science</i> , 2018 , 132, 1875-1888	6.5	7
257	Angiogenesis and vascular stability in eicosanoids and cancer. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 425-438	9.6	13
256	The role of eNOS on the compensatory regulation of vascular tonus by HS in mouse carotid arteries. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 69, 45-50	5	7
255	Role of Müller cell cytochrome P450 2c44 in murine retinal angiogenesis. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 133, 93-102	3.7	10
254	Calpain 1 cleaves and inactivates prostacyclin synthase in mesenteric arteries from diabetic mice. <i>Basic Research in Cardiology</i> , 2017 , 112, 10	11.8	27
253	Hydrogen Sulfide Preserves Endothelial Nitric Oxide Synthase Function by Inhibiting Proline-Rich Kinase 2: Implications for Cardiomyocyte Survival and Cardioprotection. <i>Molecular Pharmacology</i> , 2017 , 92, 718-730	4.3	15
252	Effects of soluble CPE on glioma cell migration are associated with mTOR activation and enhanced glucose flux. <i>Oncotarget</i> , 2017 , 8, 67567-67591	3.3	7
251	Cytochrome P450 enzymes but not NADPH oxidases are the source of the NADPH-dependent lucigenin chemiluminescence in membrane assays. <i>Free Radical Biology and Medicine</i> , 2017 , 102, 57-66	7.8	31

250	AMP-Activated Protein Kinase α in Neutrophils Regulates Vascular Repair via Hypoxia-Inducible Factor-1 α and a Network of Proteins Affecting Metabolism and Apoptosis. <i>Circulation Research</i> , 2017 , 120, 99-109	15.7	27
249	Alterations of the platelet proteome in type I Glanzmann thrombasthenia caused by different homozygous delG frameshift mutations in ITGA2B. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 556-569	7	17
248	Redox Control of Renal Metabolism and Transport Function by the NADPH Oxidase Nox4. <i>Free Radical Biology and Medicine</i> , 2017 , 112, 174	7.8	12
247	NO Signaling Defects in Hypertension 2017 , 301-311		1
246	Inhibition of soluble epoxide hydrolase prevents diabetic retinopathy. <i>Nature</i> , 2017 , 552, 248-252	50.4	82
245	S1PR1 on tumor-associated macrophages promotes lymphangiogenesis and metastasis via NLRP3/IL-1 β <i>Journal of Experimental Medicine</i> , 2017 , 214, 2695-2713	16.6	127
244	Tyrosine phosphorylation of eNOS regulates myocardial survival after an ischaemic insult: role of PYK2. <i>Cardiovascular Research</i> , 2017 , 113, 926-937	9.9	17
243	Pro-inflammatory obesity in aged cannabinoid-2 receptor-deficient mice. <i>International Journal of Obesity</i> , 2016 , 40, 366-79	5.5	30
242	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, 392-9	8.4	39
241	β Catenin Is Required for Endothelial Cyp1b1 Regulation Influencing Metabolic Barrier Function. <i>Journal of Neuroscience</i> , 2016 , 36, 8921-35	6.6	27
240	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	11.8	36
239	Lipocalin 2 from macrophages stimulated by tumor cell-derived sphingosine 1-phosphate promotes lymphangiogenesis and tumor metastasis. <i>Science Signaling</i> , 2016 , 9, ra64	8.8	60
238	Can erythrocytes release biologically active NO?. <i>Cell Communication and Signaling</i> , 2016 , 14, 22	7.5	3
237	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , 2016 , 111, 184-93	9.9	42
236	The factor in EDHF: Cytochrome P450 derived lipid mediators and vascular signaling. <i>Vascular Pharmacology</i> , 2016 , 86, 31-40	5.9	36
235	Hypoxia Potentiates Palmitate-induced Pro-inflammatory Activation of Primary Human Macrophages. <i>Journal of Biological Chemistry</i> , 2016 , 291, 413-24	5.4	54
234	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, 370-83	5.7	77
233	Renal cell carcinoma alters endothelial receptor expression responsible for leukocyte adhesion. <i>Oncotarget</i> , 2016 , 7, 20410-24	3.3	6

232	Angiopoietin-2 mediates thrombin-induced monocyte adhesion and endothelial permeability. <i>Journal of Thrombosis and Haemostasis</i> , 2016 , 14, 1655-67	15.4	16
231	The soluble epoxide hydrolase determines cholesterol homeostasis by regulating AMPK and SREBP activity. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 125, 30-9	3.7	12
230	The eNOS signalosome and its link to endothelial dysfunction. <i>Pflugers Archiv European Journal of Physiology</i> , 2016 , 468, 1125-1137	4.6	94
229	A Modified Aortic Ring Assay to Assess Angiogenic Potential In Vitro. <i>Methods in Molecular Biology</i> , 2016 , 1430, 205-19	1.4	9
228	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, 1720-7	6.3	23
227	HIF-2 α attenuates lymphangiogenesis by up-regulating IGFBP1 in hepatocellular carcinoma. <i>Biology of the Cell</i> , 2015 , 107, 175-88	3.5	12
226	Dicer cleavage by calpain determines platelet microRNA levels and function in diabetes. <i>Circulation Research</i> , 2015 , 117, 157-65	15.7	74
225	Cytochrome P450-Derived Lipid Mediators and Vascular Responses 2015 , 209-231		
224	Response to Pagano et al. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 1247-9	8.4	1
223	The F-BAR Protein NOSTRIN Dictates the Localization of the Muscarinic M3 Receptor and Regulates Cardiovascular Function. <i>Circulation Research</i> , 2015 , 117, 460-9	15.7	11
222	Increased cerebrospinal fluid calpain activity and microparticle levels in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 465-74	1.2	20
221	Metformin reduces hyper-reactivity of platelets from patients with polycystic ovary syndrome by improving mitochondrial integrity. <i>Thrombosis and Haemostasis</i> , 2015 , 114, 569-78	7	16
220	P2Y $_1$ and Gq/G12 control blood pressure by mediating endothelial mechanotransduction. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3077-86	15.9	118
219	Role of secreted modular calcium-binding protein 1 (SMOC1) in transforming growth factor β signalling and angiogenesis. <i>Cardiovascular Research</i> , 2015 , 106, 284-94	9.9	45
218	Epigenetic Regulation of Angiogenesis by JARID1B-Induced Repression of HOXA5. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1645-52	9.4	24
217	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, 1273-92	8.4	16
216	HIF-2 α -dependent PAI-1 induction contributes to angiogenesis in hepatocellular carcinoma. <i>Experimental Cell Research</i> , 2015 , 331, 46-57	4.2	31
215	Müller glia cells regulate Notch signaling and retinal angiogenesis via the generation of 19,20-dihydroxydocosapentaenoic acid. <i>Journal of Experimental Medicine</i> , 2014 , 211, 281-95	16.6	59

214	Electrophilic fatty acid species inhibit 5-lipoxygenase and attenuate sepsis-induced pulmonary inflammation. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 2667-80	8.4	37
213	The pharmacology of the cytochrome P450 epoxygenase/soluble epoxide hydrolase axis in the vasculature and cardiovascular disease. <i>Pharmacological Reviews</i> , 2014 , 66, 1106-40	22.5	100
212	5-Lipoxygenase is a candidate target for therapeutic management of stem cell-like cells in acute myeloid leukemia. <i>Cancer Research</i> , 2014 , 74, 5244-55	10.1	37
211	Interactions between thromboxane A ₂ thromboxane/prostaglandin (TP) receptors, and endothelium-derived hyperpolarization. <i>Cardiovascular Research</i> , 2014 , 102, 9-16	9.9	52
210	Energy and motion: AMP-activated protein kinase β and its role in platelet activation. <i>Journal of Thrombosis and Haemostasis</i> , 2014 , 12, 970-2	15.4	1
209	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, 539-47	2.9	11
208	The biological actions of 11,12-epoxyeicosatrienoic acid in endothelial cells are specific to the R/S-enantiomer and require the G(s) protein. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 14-21	4.7	42
207	Müller glia cells regulate Notch signaling and retinal angiogenesis via the generation of 19,20-dihydroxydocosapentaenoic acid. <i>Journal of Cell Biology</i> , 2014 , 204, 2043-51	7.3	
206	Cytochrome P4502S1: a novel monocyte/macrophage fatty acid epoxygenase in human atherosclerotic plaques. <i>Basic Research in Cardiology</i> , 2013 , 108, 319	11.8	33
205	MicroRNA-223 antagonizes angiogenesis by targeting β 1 integrin and preventing growth factor signaling in endothelial cells. <i>Circulation Research</i> , 2013 , 113, 1320-30	15.7	97
204	Mena/VASP and β -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	7.5	29
203	EGFL7 ligates α 5 β 1 integrin to enhance vessel formation. <i>Blood</i> , 2013 , 121, 3041-50	2.2	50
202	Soluble epoxide hydrolase disruption as therapeutic target for wound healing. <i>Journal of Surgical Research</i> , 2013 , 182, 362-7	2.5	21
201	The atherosusceptible endothelium: endothelial phenotypes in complex haemodynamic shear stress regions in vivo. <i>Cardiovascular Research</i> , 2013 , 99, 315-27	9.9	183
200	Transforming growth factor- β -activated kinase 1 regulates angiogenesis via AMP-activated protein kinase- β and redox balance in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2792-9	9.4	33
199	Monoamine oxidases are mediators of endothelial dysfunction in the mouse aorta. <i>Hypertension</i> , 2013 , 62, 140-6	8.5	63
198	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, 1150-8	15.7	78
197	Ca ²⁺ -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, 528-35	3.1	24

196	Methylglyoxal induces platelet hyperaggregation and reduces thrombus stability by activating PKC and inhibiting PI3K/Akt pathway. <i>PLoS ONE</i> , 2013 , 8, e74401	3.7	20
195	All cut up! The consequences of calpain activation on platelet function. <i>Vascular Pharmacology</i> , 2012 , 56, 210-5	5.9	13
194	Calpain inhibition stabilizes the platelet proteome and reactivity in diabetes. <i>Blood</i> , 2012 , 120, 415-23	2.2	44
193	MicroRNA-27a/b controls endothelial cell repulsion and angiogenesis by targeting semaphorin 6A. <i>Blood</i> , 2012 , 119, 1607-16	2.2	185
192	Molecular pharmacological profile of a novel thiazolinone-based direct and selective 5-lipoxygenase inhibitor. <i>British Journal of Pharmacology</i> , 2012 , 165, 2304-13	8.6	12
191	Nucleotide excision DNA repair is associated with age-related vascular dysfunction. <i>Circulation</i> , 2012 , 126, 468-78	16.7	104
190	Stereological characterization of left ventricular cardiomyocytes, capillaries, and innervation in the nondiabetic, obese mouse. <i>Cardiovascular Pathology</i> , 2012 , 21, 346-54	3.8	16
189	The F-BAR protein NOSTRIN participates in FGF signal transduction and vascular development. <i>EMBO Journal</i> , 2012 , 31, 3309-22	13	27
188	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	11.5	56
187	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, 442-8	9.4	30
186	Leptin potentiates endothelium-dependent relaxation by inducing endothelial expression of neuronal NO synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1605-12	9.4	44
185	Platelet function and signaling in diabetes mellitus. <i>Current Vascular Pharmacology</i> , 2012 , 10, 532-8	3.3	15
184	Hypoxic pulmonary vasoconstriction requires connexin 40-mediated endothelial signal conduction. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4218-30	15.9	107
183	11,12-EET stimulates the association of BK channel β 1 and β 1 subunits in mitochondria to induce pulmonary vasoconstriction. <i>PLoS ONE</i> , 2012 , 7, e46065	3.7	25
182	12,13-dihydroxyoctadecenoic acid regulates hematopoietic stem cell and progenitor cell function in zebrafish and mouse. <i>FASEB Journal</i> , 2012 , 26, lb218	0.9	
181	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	2.1	6
180	Cytochrome P450-derived epoxyeicosatrienoic acids and pulmonary hypertension: central role of transient receptor potential C6 channels. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 140-7	3.1	36
179	Cytochrome P450-dependent eicosanoid production and crosstalk. <i>Current Opinion in Lipidology</i> , 2011 , 22, 403-9	4.4	24

178	The cytochrome P450 pathway in angiogenesis and endothelial cell biology. <i>Cancer and Metastasis Reviews</i> , 2011 , 30, 541-55	9.6	31
177	Cytochrome P450-derived epoxyeicosatrienoic acids accelerate wound epithelialization and neovascularization in the hairless mouse ear wound model. <i>Langenbeck's Archives of Surgery</i> , 2011 , 396, 1245-53	3.4	24
176	Adipocyte-derived lipids increase angiotensin-converting enzyme (ACE) expression and modulate macrophage phenotype. <i>Basic Research in Cardiology</i> , 2011 , 106, 205-15	11.8	40
175	Soluble epoxide hydrolase limits mechanical hyperalgesia during inflammation. <i>Molecular Pain</i> , 2011 , 7, 78	3.4	40
174	Complementary screening techniques yielded fragments that inhibit the phosphatase activity of soluble epoxide hydrolase. <i>ChemMedChem</i> , 2011 , 6, 2146-9	3.7	12
173	cAMP phosphodiesterase inhibitors increases nitric oxide production by modulating dimethylarginine dimethylaminohydrolases. <i>Circulation</i> , 2011 , 123, 1194-204	16.7	34
172	Macrophages programmed by apoptotic cells promote angiogenesis via prostaglandin E2. <i>FASEB Journal</i> , 2011 , 25, 2408-17	0.9	54
171	Nitric oxide-induced activation of the AMP-activated protein kinase α subunit attenuates IB kinase activity and inflammatory responses in endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e20848	3.7	60
170	Increased cytochrome P4502E1 expression and altered hydroxyeicosatetraenoic acid formation mediate diabetic vascular dysfunction: rescue by guanylyl-cyclase activation. <i>Diabetes</i> , 2010 , 59, 2001-9	0.9	19
169	Adenoviral-mediated overexpression of DDAH improves vascular tone regulation. <i>Vascular Medicine</i> , 2010 , 15, 205-13	3.3	21
168	Soluble epoxide hydrolase deficiency attenuates neointima formation in the femoral cuff model of hyperlipidemic mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 909-14	9.4	51
167	Hypoxia-induced pulmonary hypertension: comparison of soluble epoxide hydrolase deletion vs. inhibition. <i>Cardiovascular Research</i> , 2010 , 85, 232-40	9.9	64
166	The role of calpain in diabetes-associated platelet hyperactivation. <i>Advances in Pharmacology</i> , 2010 , 59, 235-57	5.7	12
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4	The effect of inhibitors of the L-arginine/nitric oxide pathway on endotoxin-induced loss of vascular responsiveness in anaesthetized rats. <i>British Journal of Pharmacology</i> , 1991 , 103, 1218-24	8.6	130
3	Inducible but not constitutive production of nitric oxide by vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1991 , 200, 375-6	5.3	84
2	An L-arginine-derived factor mediates endotoxin-induced vascular hyposensitivity to calcium. <i>European Journal of Pharmacology</i> , 1990 , 191, 89-92	5.3	28
1	Incubation with endotoxin activates the L-arginine pathway in vascular tissue. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 171, 562-8	3.4	170