Kafait U Malik

List of Publications by Year in Descending Order

57 papers	1,817 citations	25 h-index	42 g-index
60 ext. papers	1,950 ext. citations	5.8 avg, IF	4.24 L-index

#	Paper	IF	Citations
57	2-Methoxyestradiol Ameliorates Angiotensin II-Induced Hypertension by Inhibiting Cytosolic Phospholipase A2 Activity in Female Mice. *Hypertension*, **2021**, 78, 1368-1381	8.5	0
56	6-Hydroxytestosterone Promotes Angiotensin II-Induced Hypertension via Enhanced Cytosolic Phospholipase A2 Activity. *Hypertension*, **2021**, 78, 1053-1066	8.5	
55	Central CYP1B1 (Cytochrome P450 1B1)-Estradiol Metabolite 2-Methoxyestradiol Protects From Hypertension and Neuroinflammation in Female Mice. *Hypertension*, **2020**, 75, 1054-1062	8.5	11
54	6-Hydroxytestosterone, a metabolite of testosterone generated by CYP1B1, contributes to vascular changes in angiotensin II-induced hypertension in male mice. *Biology of Sex Differences*, **2020**, 11, 4	9.3	8
53	Deletion of DGCR8 in VSMCs of adult mice results in loss of vascular reactivity, reduced blood pressure and neointima formation. *Scientific Reports*, **2018**, 8, 1468	4.9	5
52	Brain Cytosolic Phospholipase A2 Mediates Angiotensin II-Induced Hypertension and Reactive Oxygen Species Production in Male Mice. *American Journal of Hypertension*, **2018**, 31, 622-629	2.3	5
51	2-Methoxyestradiol Reduces Angiotensin II-Induced Hypertension and Renal Dysfunction in Ovariectomized Female and Intact Male Mice. *Hypertension*, **2017**, 69, 1104-1112	8.5	17
50	Airway Epithelial Repair by a Prebiotic Mannan Derived from. *Journal of Immunology Research*, **2017** , 2017, 8903982	4.5	5
49	Cytosolic Phospholipase A2 Is Essential for Renal Dysfunction and End-Organ Damage Associated With Angiotensin II-Induced Hypertension. *American Journal of Hypertension*, **2016**, 29, 258-65	2.3	9
48	Cytochrome P450 1B1 Contributes to the Development of Atherosclerosis and Hypertension in Apolipoprotein E-Deficient Mice. *Hypertension*, **2016**, 67, 206-13	8.5	24
47	6-Hydroxytestosterone, a Cytochrome P450 1B1-Testosterone-Metabolite, Mediates Angiotensin II-Induced Renal Dysfunction in Male Mice. *Hypertension*, **2016**, 67, 916-26	8.5	17
46	Cytochrome P450 1B1 Contributes to the Development of Angiotensin II-Induced Aortic Aneurysm in Male Apoe(-/-) Mice. *American Journal of Pathology*, **2016**, 186, 2204-2219	5.8	9
45	Disruption of the cytochrome P-450 1B1 gene exacerbates renal dysfunction and damage associated with angiotensin II-induced hypertension in female mice. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F981-92	4.3	10
44	Partial eNOS deficiency causes spontaneous thrombotic cerebral infarction, amyloid angiopathy and cognitive impairment. *Molecular Neurodegeneration*, **2015**, 10, 24	19	60
43	Cytosolic phospholipase A2 is critical for angiotensin II-induced hypertension and associated cardiovascular pathophysiology. *Hypertension*, **2015**, 65, 784-92	8.5	19
42	Estrogen metabolism by cytochrome P450 1B1 modulates the hypertensive effect of angiotensin II in female mice. *Hypertension*, **2014**, 64, 134-40	8.5	44
41	Signaling Mechanism of Cytochrome P450 1B1-Dependent Angiotensin II-Induced Activation of NADPH Oxidase in Vascular Smooth Muscle Cells. *FASEB Journal*, **2013**, 27, 1142.11	0.9	

40	Contribution of cytochrome P450 1B1 to hypertension and associated pathophysiology: a novel target for antihypertensive agents. *Prostaglandins and Other Lipid Mediators*, **2012**, 98, 69-74	3.7	28
39	Cytochrome P450 1B1 contributes to renal dysfunction and damage caused by angiotensin II in mice. *Hypertension*, **2012**, 59, 348-54	8.5	41
38	Involvement of cytochrome P-450 1B1 in renal dysfunction, injury, and inflammation associated with angiotensin II-induced hypertension in rats. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F408-20	4.3	23
37	Cytochrome P450 1B1 gene disruption minimizes deoxycorticosterone acetate-salt-induced hypertension and associated cardiac dysfunction and renal damage in mice. *Hypertension*, **2012**, 60, 1510-6	8.5	22
36	Inhibition of Cytochrome P450 1B1 Activity Prevents Renal Injury and Inflammation Associated with Angiotensin II-Induced Hypertension in Rats. *FASEB Journal*, **2011**, 25, 1030.4	0.9	
35	Angiotensin II-induced vascular smooth muscle cell migration and growth are mediated by cytochrome P450 1B1-dependent superoxide generation. *Hypertension*, **2010**, 55, 1461-7	8.5	61
34	2,3',4,5'-Tetramethoxystilbene prevents deoxycorticosterone-salt-induced hypertension: contribution of cytochrome P-450 1B1. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 299, H1891-901	5.2	32
33	Cytochrome P450 1B1 contributes to angiotensin II-induced hypertension and associated pathophysiology. *Hypertension*, **2010**, 56, 667-74	8.5	53
32	DOCA/Salt-induced hypertension and associated increase in vascular reactivity and cardiac and vascular hypertrophy are mediated by cytochrome P450 1B1. *FASEB Journal*, **2010**, 24, 786.16	0.9	
31	High glucose-induced Nox1-derived superoxides downregulate PKC-betaII, which subsequently decreases ACE2 expression and ANG(1-7) formation in rat VSMCs. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H106-18	5.2	41
30	cPLA2 phosphorylation at serine-515 and serine-505 is required for arachidonic acid release in vascular smooth muscle cells. *Journal of Lipid Research*, **2008**, 49, 724-37	6.3	56
29	Angiotensin II-induced migration of vascular smooth muscle cells (VSMCs) is mediated by both 72-KDa spleen tyrosine kinase (Syk) via p38-MAPK activated c-Src and by ERK1/2 via c-Src-induced EGFR transactivation. *FASEB Journal*, **2008**, 22, 911.4	0.9	
28	Mechanism of angiotensin II-induced c-Src activation in Vascular Smooth Muscle Cells. *FASEB Journal*, **2008**, 22, 911.5	0.9	
27	Expression and mechanism of spleen tyrosine kinase activation by angiotensin II and its implication in protein synthesis in rat vascular smooth muscle cells. *Journal of Biological Chemistry*, **2007**, 282, 16878-90	5.4	20
26	Mechanism of high glucose induced angiotensin II production in rat vascular smooth muscle cells. *Circulation Research*, **2007**, 101, 455-64	15.7	98
25	Contribution of arachidonic acid metabolites derived via cytochrome P4504A to angiotensin II-induced neointimal growth. *Hypertension*, **2005**, 45, 1182-7	8.5	23
24	Angiotensin II-induced Akt activation is mediated by metabolites of arachidonic acid generated by CaMKII-stimulated Ca2(+)-dependent phospholipase A2. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 288, H2306-16	5.2	28
23	ANG II-induced neointimal growth is mediated via cPLA2- and PLD2-activated Akt in balloon-injured rat carotid artery. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H2592-601	5.2	18

22	Intact actin filaments are required for cytosolic phospholipase A2 translocation but not for its activation by norepinephrine in vascular smooth muscle cells. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 313, 1017-26	4.7	12
21	CaM kinase IIalpha mediates norepinephrine-induced translocation of cytosolic phospholipase A2 to the nuclear envelope. *Journal of Cell Science*, **2003**, 116, 353-65	5.3	28
20	Norepinephrine-induced stimulation of p38 mitogen-activated protein kinase is mediated by arachidonic acid metabolites generated by activation of cytosolic phospholipase A(2) in vascular smooth muscle cells. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 304, 761-72	4.7	48
19	Functional significance of activation of calcium/calmodulin-dependent protein kinase II in angiotensin II--induced vascular hyperplasia and hypertension. *Hypertension*, **2002**, 39, 704-9	8.5	41
18	Calcium and protein kinase C (PKC)-related kinase mediate alpha 1A-adrenergic receptor-stimulated activation of phospholipase D in rat-1 cells, independent of PKC. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 303, 1206-15	4.7	11
17	Small GTP binding protein Ras contributes to norepinephrine-induced mitogenesis of vascular smooth muscle cells. *Prostaglandins and Other Lipid Mediators*, **2001**, 65, 33-43	3.7	25
16	20-Hydroxyeicosatetraenoic acid mediates angiotensin ii-induced phospholipase d activation in vascular smooth muscle cells. *Hypertension*, **2001**, 37, 623-9	8.5	34
15	Phospholipase D activation by norepinephrine is mediated by 12(s)-, 15(s)-, and 20-hydroxyeicosatetraenoic acids generated by stimulation of cytosolic phospholipase a2. tyrosine phosphorylation of phospholipase d2 in response to norepinephrine. *Journal of Biological Chemistry*, **2001**, 276, 15764-11	5.4	47
14	Functional interaction of calcium-/calmodulin-dependent protein kinase II and cytosolic phospholipase A(2). *Journal of Biological Chemistry*, **2001**, 276, 39653-60	5.4	73
13	Contribution of Ras GTPase/MAP kinase and cytochrome P450 metabolites to deoxycorticosterone-salt-induced hypertension. *Hypertension*, **2000**, 35, 457-63	8.5	67
12	Angiotensin II-induced hypertension: contribution of Ras GTPase/Mitogen-activated protein kinase and cytochrome P450 metabolites. *Hypertension*, **2000**, 36, 604-9	8.5	116
11	Activation of the L voltage-sensitive calcium channel by mitogen-activated protein (MAP) kinase following exposure of neuronal cells to beta-amyloid. MAP kinase mediates beta-amyloid-induced neurodegeneration. *Journal of Biological Chemistry*, **1999**, 274, 30322-7	5.4	134
10	Types of purinoceptors and phospholipase A2 involved in the activation of the platelet-activating factor-dependent transacetylase activity and arachidonate release by ATP in endothelial cells. *Prostaglandins and Other Lipid Mediators*, **1998**, 56, 363-75	3.7	9
9	Cytochrome P-450 metabolites mediate norepinephrine-induced mitogenic signaling. *Hypertension*, **1998**, 31, 242-7	8.5	63
8	Calcium/calmodulin-dependent protein kinase IIalpha mediates activation of mitogen-activated protein kinase and cytosolic phospholipase A2 in norepinephrine-induced arachidonic acid release in rabbit aortic smooth muscle cells. *Journal of Biological Chemistry*, **1996**, 271, 30149-57	5.4	131
7	Uptake, incorporation and metabolism of (3H)triolein in the isolated perfused rabbit heart. *Lipids*, **1990**, 25, 497-503	1.6	2
6	Prostaglandins and the release of the adrenergic transmitter. *Annals of the New York Academy of Sciences*, **1990**, 604, 222-36	6.5	54
5	Effect of glucocorticoids on vascular reactivity to vasoactive hormones in rat isolated kidney: lack of relationship to prostaglandins. *British Journal of Pharmacology*, **1984**, 82, 679-88	8.6	9

4	Interrelationships among prostaglandins and vasoactive substances. *Medical Clinics of North America*, **1981**, 65, 881-9	7	31
3	Inhibitory effect of adenosine and adenine nucleotides on potassium-evoked efflux of [3H]-noradrenaline from the rat isolated heart: lack of relationship to prostaglandins. *British Journal of Pharmacology*, **1980**, 68, 551-61	8.6	21
2	Modulation by Prostaglandins of Vascular Reactivity to Adrenergic Stimuli **1980**, 766-771		
1	Differential inhibition by prostaglandins of the renal actions of pressor stimuli. *Prostaglandins*, **1973**, 3, 595-606		74