Kafait U Malik

List of Publications by Year
in descending order

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60 papers	2,098 citations	218381 26 h-index	233125 45 g-index
60 all docs	60 docs citations	60 times ranked	1813 citing authors

#	Article	IF	Citations
1	Activation of the L Voltage-sensitive Calcium Channel by Mitogen-activated Protein (MAP) Kinase following Exposure of Neuronal Cells to Î²-Amyloid. Journal of Biological Chemistry, 1999, 274, 30322-30327.	1.6	151
2	Calcium/Calmodulin-dependent Protein Kinase IIÎ± 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, 30149-30157.	1.6	142
3	Angiotensin IIâ€“Induced Hypertension. Hypertension, 2000, 36, 604-609.	1.3	126
4	Mechanism of High Glucoseâ€“Induced Angiotensin II Production in Rat Vascular Smooth Muscle Cells. Circulation Research, 2007, 101, 455-464.	2.0	116
5	Functional Interaction of Calcium-/Calmodulin-dependent Protein Kinase II and Cytosolic Phospholipase A2. Journal of Biological Chemistry, 2001, 276, 39653-39660.	1.6	87
6	Partial eNOS deficiency causes spontaneous thrombotic cerebral infarction, amyloid angiopathy and cognitive impairment. Molecular Neurodegeneration, 2015, 10, 24.	4.4	86
7	Differential inhibition by prostaglandins of the renal actions of pressor stimuli. Prostaglandins, 1973, 3, 595-606.	1.2	81
8	Contribution of Ras GTPase/MAP Kinase and Cytochrome P450 Metabolites to Deoxycorticosterone-Saltâ€“Induced Hypertension. Hypertension, 2000, 35, 457-463.	1.3	75
9	Angiotensin IIâ€“Induced Vascular Smooth Muscle Cell Migration and Growth Are Mediated by Cytochrome P450 1B1â€“Dependent Superoxide Generation. Hypertension, 2010, 55, 1461-1467.	1.3	74
10	Cytochrome P-450 Metabolites Mediate Norepinephrine-Induced Mitogenic Signaling. Hypertension, 1998, 31, 242-247.	1.3	67
11	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, 724-737.	2.0	66
12	Prostaglandins and the Release of the Adrenergic Transmitter. Annals of the New York Academy of Sciences, 1990, 604, 222-236.	1.8	58
13	Cytochrome P450 1B1 Contributes to Angiotensin IIâ€“Induced Hypertension and Associated Pathophysiology. Hypertension, 2010, 56, 667-674.	1.3	58
14	Phospholipase D Activation by Norepinephrine Is Mediated by 12(S)-, 15(S)-, and 20-Hydroxyeicosatetraenoic Acids Generated by Stimulation of Cytosolic Phospholipase A2. Journal of Biological Chemistry, 2001, 276, 15704-15711.	1.6	53
15	Norepinephrine-Induced Stimulation of p38 Mitogen-Activated Protein Kinase Is Mediated by Arachidonic Acid Metabolites Generated by Activation of Cytosolic Phospholipase A2 in Vascular Smooth Muscle Cells. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 761-772.	1.3	51
16	Estrogen Metabolism by Cytochrome P450 1B1 Modulates the Hypertensive Effect of Angiotensin II in Female Mice. Hypertension, 2014, 64, 134-140.	1.3	50
17	High glucose-induced Nox1-derived superoxides downregulate PKC-Î²II, which subsequently decreases ACE2 expression and ANG(1-7) formation in rat VSMCs. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H106-H118.	1.5	49
18	Cytochrome P450 1B1 Contributes to Renal Dysfunction and Damage Caused by Angiotensin II in Mice. Hypertension, 2012, 59, 348-354.	1.3	47

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19	Functional Significance of Activation of Calcium/Calmodulinâ€“Dependent Protein Kinase II in Angiotensin IIâ€“Induced Vascular Hyperplasia and Hypertension. Hypertension, 2002, 39, 704-709.	1.3	46
20	20-Hydroxyeicosatetraenoic Acid Mediates Angiotensin IIâ€“Induced Phospholipase D Activation in Vascular Smooth Muscle Cells. Hypertension, 2001, 37, 623-629.	1.3	38
21	2,3â€²,4,5â€²-Tetramethoxystilbene prevents deoxycorticosterone-salt-induced hypertension: contribution of cytochrome P-450 1B1. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H1891-H1901.	1.5	38
22	Cytochrome P450 1B1 Contributes to the Development of Atherosclerosis and Hypertension in Apolipoprotein Eâ€“Deficient Mice. Hypertension, 2016, 67, 206-213.	1.3	35
23	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.	1.0	34
24	Interrelationships Among Prostaglandins and Vasoactive Substances. Medical Clinics of North America, 1981, 65, 881-889.	1.1	33
25	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-H2316.	1.5	33
26	CaM kinase IIÎ± mediates norepinephrine-induced translocation of cytosolic phospholipase A2 to the nuclear envelope. Journal of Cell Science, 2003, 116, 353-365.	1.2	29
27	Small GTP binding protein Ras contributes to norepinephrine-induced mitogenesis of vascular smooth muscle cells. Prostaglandins and Other Lipid Mediators, 2001, 65, 33-43.	1.0	27
28	Contribution of Arachidonic Acid Metabolites Derived Via Cytochrome P4504A to Angiotensin IIâ€“Induced Neointimal Growth. Hypertension, 2005, 45, 1182-1187.	1.3	26
29	Cytochrome P450 1B1 Gene Disruption Minimizes Deoxycorticosterone Acetate-Saltâ€“Induced Hypertension and Associated Cardiac Dysfunction and Renal Damage in Mice. Hypertension, 2012, 60, 1510-1516.	1.3	25
30	2-Methoxyestradiol Reduces Angiotensin IIâ€“Induced Hypertension and Renal Dysfunction in Ovariectomized Female and Intact Male Mice. Hypertension, 2017, 69, 1104-1112.	1.3	25
31	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, 16878-16890.	1.6	23
32	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-F420.	1.3	23
33	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-H2601.	1.5	22
34	INHIBITORY EFFECT OF ADENOSINE AND ADENINE NUCLEOTIDES ON POTASSIUMâ€EVOKED EFFLUX OF [³H]â€NORADRENALINE FROM THE RAT ISOLATED HEART: LACK OF RELATIONSHIP TO PROSTAGLANDINS. British Journal of Pharmacology, 1980, 68, 551-561.	2.7	21
35	Cytosolic Phospholipase A ₂ Î± Is Critical for Angiotensin IIâ€“Induced Hypertension and Associated Cardiovascular Pathophysiology. Hypertension, 2015, 65, 784-792.	1.3	19
36	6Î²-Hydroxytestosterone, a Cytochrome P450 1B1-Testosteroneâ€“Metabolite, Mediates Angiotensin IIâ€“Induced Renal Dysfunction in Male Mice. Hypertension, 2016, 67, 916-926.	1.3	19

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37	Central CYP1B1 (Cytochrome P450 1B1)-Estradiol Metabolite 2-Methoxyestradiol Protects From Hypertension and Neuroinflammation in Female Mice. Hypertension, 2020, 75, 1054-1062.	1.3	19
38	Airway Epithelial Repair by a Prebiotic Mannan Derived from Saccharomyces cerevisiae. Journal of Immunology Research, 2017, 2017, 1-7.	0.9	13
39	6Î²-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.	1.8	13
40	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, 1017-1026.	1.3	12
41	Cytochrome P450 1B1 Contributes to the Development of Angiotensin IIâ€“Induced Aortic Aneurysm in Male Apoeâ^'/â^' Mice. American Journal of Pathology, 2016, 186, 2204-2219.	1.9	12
42	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, 363-375.	1.0	11
43	Calcium and Protein Kinase C (PKC)-Related Kinase Mediate Î±1A-Adrenergic Receptor-Stimulated Activation of Phospholipase D in Rat-1 Cells, Independent of PKC. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 1206-1215.	1.3	11
44	Disruption of the cytochromeP-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-F992.	1.3	11
45	Effect of glucocorticoids on vascular reactivity to vasoactive hormones in rat isolated kidney: lack of relationship to prostaglandins. British Journal of Pharmacology, 1984, 82, 679-688.	2.7	9
46	Cytosolic Phospholipase A₂Î± Is Essential for Renal Dysfunction and End-Organ Damage Associated With Angiotensin II-Induced Hypertension. American Journal of Hypertension, 2016, 29, 258-265.	1.0	9
47	Renin-Angiotensin System Alterations in the Human Alzheimerâ€™s Disease Brain. Journal of Alzheimer's Disease, 2021, 84, 1473-1484.	1.2	8
48	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.	1.6	7
49	Brain Cytosolic Phospholipase A2Î± Mediates Angiotensin II-Induced Hypertension and Reactive Oxygen Species Production in Male Mice. American Journal of Hypertension, 2018, 31, 622-629.	1.0	5
50	2-Methoxyestradiol Ameliorates Angiotensin IIâ€“Induced Hypertension by Inhibiting Cytosolic Phospholipase A 2 Î± Activity in Female Mice. Hypertension, 2021, 78, 1368-1381.	1.3	3
51	Uptake, incorporation and metabolism of (3H)triolein in the isolated perfused rabbit heart. Lipids, 1990, 25, 497-503.	0.7	2
52	6Î²-Hydroxytestosterone Promotes Angiotensin II-Induced Hypertension via Enhanced Cytosolic Phospholipase A ₂ Î± Activity. Hypertension, 2021, 78, 1053-1066.	1.3	0
53	Cytochrome P450 CYP1B1 isoform mediates phospholipase D activation by norepinephrine in vascular smooth muscle cells. FASEB Journal, 2006, 20, .	0.2	0
54	Angiotensin IIâ€induced migration of vascular smooth muscle cells (VSMCs) is mediated by both 72â€kDa spleen tyrosine kinase (Syk) via p38â€MAPK activated câ€Src and by ERK1/2 via câ€Srcâ€induced EGFR transactivation. FASEB Journal, 2008, 22, 911.4.	0.2	0

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55	Mechanism of angiotensin IIâ€induced câ€Src activation in Vascular Smooth Muscle Cells. FASEB Journal, 2008, 22, 911.5.	0.2	0
56	DOCA/Saltâ€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.	0.2	0
57	Inhibition of Cytochrome P450 1B1 Activity Prevents Renal Injury and Inflammation Associated with Angiotensin IIâ€induced Hypertension in Rats. FASEB Journal, 2011, 25, 1030.4.	0.2	0
58	Signaling Mechanism of Cytochrome P450 1B1â€Dependent Angiotensin IIâ€induced Activation of NADPH Oxidase in Vascular Smooth Muscle Cells. FASEB Journal, 2013, 27, 1142.11.	0.2	0
59	Modulation by Prostaglandins of Vascular Reactivity to Adrenergic Stimuli. , 1980, , 766-771.		0
60	A plasma membraneâ€localized polycystinâ€1/polycystinâ€2 complex in endothelial cells elicits vasodilation. FASEB Journal, 2022, 36, .	0.2	0