

# Surawee Chuaiphichai

## List of Publications by Year in descending order

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20  
papers

822  
citations

687363

13  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Modulates Metabolic Remodeling in Inflammatory Macrophages through TCA Cycle Regulation and Itaconate Accumulation. <i>Cell Reports</i> , 2019, 28, 218-230.e7.	6.4	149
2	Regulation of iNOS function and cellular redox state by macrophage Gch1 reveals specific requirements for tetrahydrobiopterin in NRF2 activation. <i>Free Radical Biology and Medicine</i> , 2015, 79, 206-216.	2.9	115
3	Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , 2015, 86, 1393-1406.	8.1	101
4	Fat-Secreted Ceramides Regulate Vascular Redox State and Influence Outcomes in Patients With Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2494-2513.	2.8	59
5	Effects of canagliflozin on human myocardial redox signalling: clinical implications. <i>European Heart Journal</i> , 2021, 42, 4947-4960.	2.2	57
6	Adipose tissue-derived WNT5A regulates vascular redox signaling in obesity via USP17/RAC1-mediated activation of NADPH oxidases. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	54
7	Cell-Autonomous Role of Endothelial GTP Cyclohydrolase 1 and Tetrahydrobiopterin in Blood Pressure Regulation. <i>Hypertension</i> , 2014, 64, 530-540.	2.7	50
8	Roles for endothelial cell and macrophage Gch1 and tetrahydrobiopterin in atherosclerosis progression. <i>Cardiovascular Research</i> , 2018, 114, 1385-1399.	3.8	38
9	A key role for tetrahydrobiopterin-dependent endothelial NOS regulation in resistance arteries: studies in endothelial cell tetrahydrobiopterin-deficient mice. <i>British Journal of Pharmacology</i> , 2017, 174, 657-671.	5.4	37
10	Isolation and culture of murine bone marrow-derived macrophages for nitric oxide and redox biology. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 100-101, 17-29.	2.7	37
11	A key role for the novel coronary artery disease gene JCAD in atherosclerosis via shear stress mechanotransduction. <i>Cardiovascular Research</i> , 2020, 116, 1863-1874.	3.8	23
12	Endothelial Cell Tetrahydrobiopterin Modulates Sensitivity to Ang (Angiotensin) II-Induced Vascular Remodeling, Blood Pressure, and Abdominal Aortic Aneurysm. <i>Hypertension</i> , 2018, 72, 128-138.	2.7	22
13	Endothelial cell tetrahydrobiopterin deficiency attenuates LPS-induced vascular dysfunction and hypotension. <i>Vascular Pharmacology</i> , 2016, 77, 69-79.	2.1	19
14	Insulin-induced vascular redox dysregulation in human atherosclerosis is ameliorated by dipeptidyl peptidase 4 inhibition. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	15
15	Vascular wall regulator of G-protein signalling-1 (RGS-1) is required for angiotensin II-mediated blood pressure control. <i>Vascular Pharmacology</i> , 2018, 108, 15-22.	2.1	13
16	BH4 Increases nNOS Activity and Preserves Left Ventricular Function in Diabetes. <i>Circulation Research</i> , 2021, 128, 585-601.	4.5	13
17	Endothelial GTPCH (GTP Cyclohydrolase 1) and Tetrahydrobiopterin Regulate Gestational Blood Pressure, Uteroplacental Remodeling, and Fetal Growth. <i>Hypertension</i> , 2021, 78, 1871-1884.	2.7	10
18	Crucial Role for Neuronal Nitric Oxide Synthase in Early Microcirculatory Derangement and Recipient Survival following Murine Pancreas Transplantation. <i>PLoS ONE</i> , 2014, 9, e112570.	2.5	6

#	ARTICLE	IF	CITATIONS
19	<i>PHACTR1</i> modulates vascular compliance but not endothelial function: a translational study. <i>Cardiovascular Research</i> , 2023, 119, 599-610.	3.8	4
20	Abstract 167: A Cell-Autonomous Role for Endothelial GTP Cyclohydrolase 1 and Tetrahydrobiopterin in Blood Pressure Regulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0