Austin M Guo

List of Publications by Year
in descending order

19 papers	679 citations	567281 15 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	716 citing authors

#	Article	IF	Citations
1	Activation of Vascular Endothelial Growth Factor through Reactive Oxygen Species Mediates 20-Hydroxyeicosatetraenoic Acid-Induced Endothelial Cell Proliferation. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 18-27.	2.5	103
2	Isoliquiritigenin, a flavonoid from licorice, blocks M2 macrophage polarization in colitis-associated tumorigenesis through downregulating PGE2 and IL-6. Toxicology and Applied Pharmacology, 2014, 279, 311-321.	2.8	74
3	Downregulation of COX-2 and CYP 4A signaling by isoliquiritigenin inhibits human breast cancer metastasis through preventing anoikis resistance, migration and invasion. Toxicology and Applied Pharmacology, 2014, 280, 10-20.	2.8	66
4	Human Cord Blood-Derived AC133+ Progenitor Cells Preserve Endothelial Progenitor Characteristics after Long Term In Vitro Expansion. PLoS ONE, 2010, 5, e9173.	2.5	54
5	20-HETE Regulates the Angiogenic Functions of Human Endothelial Progenitor Cells and Contributes to Angiogenesis In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 442-451.	2.5	54
6	Expression of CYP4A1 in U251 Human Glioma Cell Induces Hyperproliferative Phenotype in Vitro and Rapidly Growing Tumors in Vivo. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 10-19.	2.5	42
7	20-HETE synthesis inhibition promotes cerebral protection after intracerebral hemorrhage without inhibiting angiogenesis. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1531-1543.	4.3	41
8	20-HETE can act as a nonhypoxic regulator of HIF-1Î± in human microvascular endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H602-H613.	3.2	39
9	The Cytochrome P450 4A/F-20-Hydroxyeicosatetraenoic Acid System: A Regulator of Endothelial Precursor Cells Derived from Human Umbilical Cord Blood. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 421-429.	2.5	37
10	20-HETE in neovascularization. Prostaglandins and Other Lipid Mediators, 2012, 98, 63-68.	1.9	35
11	HET0016, a Selective Inhibitor of 20-HETE Synthesis, Decreases Pro-Angiogenic Factors and Inhibits Growth of Triple Negative Breast Cancer in Mice. PLoS ONE, 2014, 9, e116247.	2.5	34
12	Intravenous Formulation of HET0016 Decreased Human Glioblastoma Growth and Implicated Survival Benefit in Rat Xenograft Models. Scientific Reports, 2017, 7, 41809.	3.3	26
13	20-HETE contributes to ischemia-induced angiogenesis. Vascular Pharmacology, 2016, 83, 57-65.	2.1	22
14	CYP4A/20-HETE regulates ischemia-induced neovascularization via its actions on endothelial progenitor and preexisting endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1468-H1479.	3.2	19
15	Combination of vatalanib and a 20-HETE synthesis inhibitor results in decreased tumor growth in an animal model of human glioma. OncoTargets and Therapy, 2016, 9, 1205.	2.0	18
16	Eicosanoids: Emerging contributors in stem cell-mediated wound healing. Prostaglandins and Other Lipid Mediators, 2017, 132, 17-24.	1.9	11
17	Neutrophil-derived Myeloperoxidase and Hypochlorous Acid Critically Contribute to 20-HETE Increases that Drive Post-Ischemic Angiogenesis. Journal of Pharmacology and Experimental Therapeutics, 2022, , JPET-AR-2021-001036.	2.5	3
18	Novel Contributions of Neutrophilâ€derived Myeloperoxidase and Hypochlorous Acid to 20â€HETE Production that drives Postâ€ischemic Angiogenesis. FASEB Journal, 2020, 34, 1-1.	0.5	1

#	Article	IF	Citations
19	The CYP4A/20â€HETE Axis Regulates Ischemiaâ€induced Neovascularization via Its Actions on Endothelial Progenitor and Preexisting Endothelial Cells. FASEB Journal, 2019, 33, 677.2.	0.5	0