

# Austin M Guo

## List of Publications by Year in descending order

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19  
papers

679  
citations

567144

15  
h-index

839398

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19  
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19  
docs citations

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times ranked

716  
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#	ARTICLE	IF	CITATIONS
1	Activation of Vascular Endothelial Growth Factor through Reactive Oxygen Species Mediates 20-Hydroxyeicosatetraenoic Acid-Induced Endothelial Cell Proliferation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 18-27.	1.3	103
2	Isoliquiritigenin, a flavonoid from licorice, blocks M2 macrophage polarization in colitis-associated tumorigenesis through downregulating PGE2 and IL-6. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 311-321.	1.3	74
3	Downregulation of COX-2 and CYP 4A signaling by isoliquiritigenin inhibits human breast cancer metastasis through preventing anoikis resistance, migration and invasion. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 10-20.	1.3	66
4	Human Cord Blood-Derived AC133+ Progenitor Cells Preserve Endothelial Progenitor Characteristics after Long Term In Vitro Expansion. <i>PLoS ONE</i> , 2010, 5, e9173.	1.1	54
5	20-HETE Regulates the Angiogenic Functions of Human Endothelial Progenitor Cells and Contributes to Angiogenesis In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 348, 442-451.	1.3	54
6	Expression of CYP4A1 in U251 Human Glioma Cell Induces Hyperproliferative Phenotype in Vitro and Rapidly Growing Tumors in Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 10-19.	1.3	42
7	20-HETE synthesis inhibition promotes cerebral protection after intracerebral hemorrhage without inhibiting angiogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1531-1543.	2.4	41
8	20-HETE can act as a nonhypoxic regulator of HIF-1 $\alpha$ in human microvascular endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H602-H613.	1.5	39
9	The Cytochrome P450 4A/F-20-Hydroxyeicosatetraenoic Acid System: A Regulator of Endothelial Precursor Cells Derived from Human Umbilical Cord Blood. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 421-429.	1.3	37
10	20-HETE in neovascularization. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 98, 63-68.	1.0	35
11	HET0016, a Selective Inhibitor of 20-HETE Synthesis, Decreases Pro-Angiogenic Factors and Inhibits Growth of Triple Negative Breast Cancer in Mice. <i>PLoS ONE</i> , 2014, 9, e116247.	1.1	34
12	Intravenous Formulation of HET0016 Decreased Human Glioblastoma Growth and Implicated Survival Benefit in Rat Xenograft Models. <i>Scientific Reports</i> , 2017, 7, 41809.	1.6	26
13	20-HETE contributes to ischemia-induced angiogenesis. <i>Vascular Pharmacology</i> , 2016, 83, 57-65.	1.0	22
14	CYP4A/20-HETE regulates ischemia-induced neovascularization via its actions on endothelial progenitor and preexisting endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1468-H1479.	1.5	19
15	Combination of vatalanib and a 20-HETE synthesis inhibitor results in decreased tumor growth in an animal model of human glioma. <i>OncoTargets and Therapy</i> , 2016, 9, 1205.	1.0	18
16	Eicosanoids: Emerging contributors in stem cell-mediated wound healing. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 132, 17-24.	1.0	11
17	<b>Neutrophil-derived Myeloperoxidase and Hypochlorous Acid Critically Contribute to 20-HETE Increases that Drive Post-Ischemic Angiogenesis</b>. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, , JPET-AR-2021-001036.	1.3	3
18	Novel Contributions of Neutrophilâ€derived Myeloperoxidase and Hypochlorous Acid to 20â€HETE Production that drives Postâ€Ischemic Angiogenesis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	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.	0.2	0