William R Arnold

List of Publications by Year
in descending order

13	293	1040056 9	1199594 12
papers	citations	h-index	g-index

14	14	14	342
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endocannabinoid metabolism by cytochrome P450 monooxygenases. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 112-123.	1.9	49
2	Cross-talk of cannabinoid and endocannabinoid metabolism is mediated via human cardiac CYP2J2. Journal of Inorganic Biochemistry, 2018, 184, 88-99.	3.5	40
3	Orthogonal Assays Clarify the Oxidative Biochemistry of Taxol P450 CYP725A4. ACS Chemical Biology, 2016, 11, 1445-1451.	3.4	35
4	CYP2J2 Molecular Recognition: A New Axis for Therapeutic Design. , 2020, 215, 107601.		32
5	Asymmetric Binding and Metabolism of Polyunsaturated Fatty Acids (PUFAs) by CYP2J2 Epoxygenase. Biochemistry, 2016, 55, 6969-6980.	2.5	30
6	Arachidonic Acid Metabolism by Human Cardiovascular CYP2J2 Is Modulated by Doxorubicin. Biochemistry, 2017, 56, 6700-6712.	2.5	28
7	Heterologous expression and characterization of plant Taxadiene-5Î±-Hydroxylase (CYP725A4) in Escherichia coli. Protein Expression and Purification, 2017, 132, 60-67.	1.3	19
8	Endocannabinoid Virodhamine Is an Endogenous Inhibitor of Human Cardiovascular CYP2J2 Epoxygenase. Biochemistry, 2018, 57, 6489-6499.	2.5	19
9	Anti-inflammatory dopamine- and serotonin-based endocannabinoid epoxides reciprocally regulate cannabinoid receptors and the TRPV1 channel. Nature Communications, 2021, 12, 926.	12.8	14
10	Substrate binding to cytochrome P450-2J2 in Nanodiscs detected by nanoplasmonic Lycurgus cup arrays. Biosensors and Bioelectronics, 2016, 75, 337-346.	10.1	11
11	An Emerging Pathway of Doxorubicin Cardiotoxicity Mediated through CYP2J2. Biochemistry, 2018, 57, 2294-2296.	2.5	7
12	Polymorphisms of CYP2C8 Alter First-Electron Transfer Kinetics and Increase Catalytic Uncoupling. International Journal of Molecular Sciences, 2019, 20, 4626.	4.1	5
13	Anthracycline derivatives inhibit cardiac CYP2J2. Journal of Inorganic Biochemistry, 2022, 229, 111722.	3.5	4