

David H Edwards

List of Publications by Year in descending order

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23
papers

843
citations

687220

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677027

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23
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding Ca ²⁺ Signals as a Non-electrophysiological Method for Assessing Drug Toxicity in Stem Cell-Derived Cardiomyocytes. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 173-190.	0.1	1
2	Massive Accumulation of Myofibroblasts in the Critical Isthmus Is Associated With Ventricular Tachycardia Inducibility in Post-Infarct Swine Heart. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 703-714.	1.3	23
3	A Systemized Approach to Investigate Ca ²⁺ Synchronization in Clusters of Human Induced Pluripotent Stem-Cell Derived Cardiomyocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 89.	1.8	5
4	The effect of inorganic arsenic on endothelium-dependent relaxation: Role of NADPH oxidase and hydrogen peroxide. <i>Toxicology</i> , 2013, 306, 50-58.	2.0	19
5	Local, integrated control of blood flow. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 178, 4-8.	1.4	2
6	Robust segmentation of brain structures in MRI. , 2009, , .		3
7	Attenuated store-operated Ca ²⁺ entry underpins the dual inhibition of nitric oxide and EDHF-type relaxations by iodinated contrast media. <i>Cardiovascular Research</i> , 2009, 84, 470-478.	1.8	10
8	Ascorbic acid and tetrahydrobiopterin potentiate the EDHF phenomenon by generating hydrogen peroxide. <i>Cardiovascular Research</i> , 2009, 84, 218-226.	1.8	39
9	Vasomotion: the case for chaos. <i>Journal of Biorheology</i> , 2009, 23, 11-23.	0.2	4
10	Hydrogen Peroxide Potentiates the EDHF Phenomenon by Promoting Endothelial Ca ²⁺ Mobilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1774-1781.	1.1	58
11	Modulation of Gap Junction-Dependent Arterial Relaxation by Ascorbic Acid. <i>Journal of Vascular Research</i> , 2007, 44, 410-422.	0.6	13
12	Connexin-mimetic peptides dissociate electrotonic EDHF-type signalling via myoendothelial and smooth muscle gap junctions in the rabbit iliac artery. <i>British Journal of Pharmacology</i> , 2005, 144, 108-114.	2.7	64
13	5-Methyltetrahydrofolate and tetrahydrobiopterin can modulate electrotonically mediated endothelium-dependent vascular relaxation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7008-7013.	3.3	42
14	Enhanced inhibition of the EDHF phenomenon by a phenyl methoxyalaninyl phosphoramidate derivative of dideoxyadenosine. <i>British Journal of Pharmacology</i> , 2004, 142, 27-30.	2.7	11
15	The obligatory link: role of gap junctional communication in endothelium-dependent smooth muscle hyperpolarization. <i>Pharmacological Research</i> , 2004, 49, 551-564.	3.1	79
16	Distinct hyperpolarizing and relaxant roles for gap junctions and endothelium-derived H ₂ O ₂ in NO-independent relaxations of rabbit arteries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15212-15217.	3.3	51
17	cAMP facilitates EDHF-type relaxations in conduit arteries by enhancing electrotonic conduction via gap junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6392-6397.	3.3	105
18	Endogenous Nitric Oxide Synthesis Differentially Modulates Pressure-Flow and Pressure-Conductance Relationships in the Internal and External Carotid Artery Circulations of the Rat. <i>Neurologia Medico-Chirurgica</i> , 2002, 42, 527-535.	1.0	2

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19	Gap Junction-Dependent Increases in Smooth Muscle cAMP Underpin the EDHF Phenomenon in Rabbit Arteries. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 583-589.	1.0	54
20	Gap junctional communication underpins EDHF-type relaxations evoked by ACh in the rat hepatic artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H2441-H2450.	1.5	116
21	Activities of endothelin-1 in the vascular network of the rabbit ear: a microangiographic study. <i>British Journal of Pharmacology</i> , 1990, 101, 781-788.	2.7	11
22	Influence of endothelium on drug-induced relaxation of the rabbit aorta. <i>European Journal of Pharmacology</i> , 1986, 121, 19-23.	1.7	13
23	Evidence that cyclic guanosine monophosphate (cGMP) mediates endothelium-dependent relaxation. <i>European Journal of Pharmacology</i> , 1985, 112, 195-202.	1.7	118