

David Mckinnon

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,853
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2991
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmural gradients in ion channel and auxiliary subunit expression. Progress in Biophysics and Molecular Biology, 2016, 122, 165-186.	2.9	10
2	Inhibition of histone deacetylase (HDAC) by 4-phenylbutyrate results in increased junctional conductance between rat corpora smooth muscle cells. Frontiers in Pharmacology, 2015, 6, 9.	3.5	4
3	Regulatory Evolution and Voltage-Gated Ion Channel Expression in Squid Axon: Selection-Mutation Balance and Fitness Cliffs. PLoS ONE, 2015, 10, e0120785.	2.5	3
4	Evolution of CpG island promoter function underlies changes in KChIP2 potassium channel subunit gene expression in mammalian heart. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1601-1606.	7.1	7
5	Robust L-type calcium current expression following heterozygous knockout of the Cav1.2 gene in adult mouse heart. Journal of Physiology, 2011, 589, 3275-3288.	2.9	32
6	Hypertrophic phenotype in cardiac cell assemblies solely by structural cues and ensuing self-organization. FASEB Journal, 2011, 25, 851-862.	0.5	32
7	Evolution of ventricular myocyte electrophysiology. Physiological Genomics, 2008, 35, 262-272.	2.3	50
8	Molecular basis of the T- and L-type Ca ²⁺ currents in canine Purkinje fibres. Journal of Physiology, 2007, 579, 465-471.	2.9	24
9	Regional variation in mRNA transcript abundance within the ventricular wall. Journal of Molecular and Cellular Cardiology, 2006, 40, 295-302.	1.9	54
10	The cAMP response element binding protein modulates expression of the transient outward current: Implications for cardiac memory. Cardiovascular Research, 2005, 68, 259-267.	3.8	35
11	International Union of Pharmacology. LIII. Nomenclature and Molecular Relationships of Voltage-Gated Potassium Channels. Pharmacological Reviews, 2005, 57, 473-508.	16.0	785
12	Regulation of Ion Channel Expression. Circulation Research, 2004, 94, 874-883.	4.5	85
13	Concordant expression of KChIP2 mRNA, protein and transient outward current throughout the canine ventricle. Journal of Physiology, 2003, 548, 815-822.	2.9	81
14	Regulation of KChIP2 potassium channel β subunit gene expression underlies the gradient of transient outward current in canine and human ventricle. Journal of Physiology, 2001, 533, 119-125.	2.9	258
15	Effects of the Renin-Angiotensin System on the Current I_{to} in Epicardial and Endocardial Ventricular Myocytes From the Canine Heart. Circulation Research, 2000, 86, 1062-1068.	4.5	119
16	Distribution and Prevalence of Hyperpolarization-Activated Cation Channel (HCN) mRNA Expression in Cardiac Tissues. Circulation Research, 1999, 85, e1-6.	4.5	310
17	Transient Outward Current, I_{to1} , Is Altered in Cardiac Memory. Circulation, 1999, 99, 1898-1905.	1.6	118
18	Cloning of a mammalian β potassium channel gene and EAG mRNA distribution in rat sympathetic ganglia. Journal of Physiology, 1998, 511, 675-682.	2.9	41

#	ARTICLE	IF	CITATIONS
19	Sympathetic innervation modulates repolarizing K ⁺ currents in rat epicardial myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H915-H922.	3.2	24
20	Identification of Two Nervous System-Specific Members of the <i>erg</i> Potassium Channel Gene Family. Journal of Neuroscience, 1997, 17, 9423-9432.	3.6	222
21	Tissue and Species Distribution of mRNA for the <i>kr</i> -like K ⁺ Channel, ERG. Circulation Research, 1997, 80, 261-268.	4.5	155
22	Potassium Channel mRNA Expression in Prevertebral and Paravertebral Sympathetic Neurons. European Journal of Neuroscience, 1996, 8, 183-191.	2.6	39
23	Role of the Kv4.3 K ⁺ Channel in Ventricular Muscle. Circulation Research, 1996, 79, 659-668.	4.5	365