

Jennifer B Stott

List of Publications by Year in descending order

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759233

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19
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19
docs citations

19
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659
citing authors

#	ARTICLE	IF	CITATIONS
1	KCNQ-Encoded Potassium Channels as Therapeutic Targets. Annual Review of Pharmacology and Toxicology, 2018, 58, 625-648.	9.4	93
2	KV7 potassium channels: a new therapeutic target in smooth muscle disorders. Drug Discovery Today, 2014, 19, 413-424.	6.4	83
3	Contribution of Kv7.4/Kv7.5 Heteromers to Intrinsic and Calcitonin Gene-Related Peptide-Induced Cerebral Reactivity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 887-893.	2.4	70
4	Contribution of Kv7 Channels to Natriuretic Peptide Mediated Vasodilation in Normal and Hypertensive Rats. Hypertension, 2015, 65, 676-682.	2.7	63
5	G-protein $\beta\gamma$ subunits are positive regulators of Kv7.4 and native vascular Kv7 channel activity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6497-6502.	7.1	62
6	Kv7 Channel Activation Underpins EPAC-Dependent Relaxations of Rat Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2404-2411.	2.4	45
7	MicroRNA-153 targeting of KCNQ4 contributes to vascular dysfunction in hypertension. Cardiovascular Research, 2016, 112, 581-589.	3.8	43
8	Vasorelaxant effects of novel α -Kv7.4 channel enhancers α ML213 and α NS15370. British Journal of Pharmacology, 2014, 171, 4413-4424.	5.4	39
9	Angiotensin II Promotes Kv7.4 Channels Degradation Through Reduced Interaction With HSP90 (Heat Shock Protein 90). Journal of Cellular Biochemistry, 2017, 142, 1078-1087.	2.7	22
10	Investigating the Role of G Protein $\beta\gamma$ in Kv7-Dependent Relaxations of the Rat Vasculature. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2091-2102.	2.4	21
11	Complex role of Kv7 channels in cGMP and cAMP-mediated relaxations. Channels, 2015, 9, 117-118.	2.8	14
12	Synergistic interplay of $\beta\gamma$ and phosphatidylinositol 4,5-bisphosphate dictates Kv7.4 channel activity. Pflügers Archiv European Journal of Physiology, 2017, 469, 213-223.	2.8	13
13	KV7 Channel Expression and Function Within Rat Mesenteric Endothelial Cells. Frontiers in Physiology, 2020, 11, 598779.	2.8	12
14	SMIT (Sodium-Myo-Inositol Transporter) 1 Regulates Arterial Contractility Through the Modulation of Vascular Kv7 Channels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2468-2480.	2.4	11
15	Functional and pharmacological characterization of volume-regulated anion channels in human normal and cystic fibrosis bronchial and nasal epithelial cells. European Journal of Pharmacology, 2014, 740, 183-191.	3.5	6
16	The $\beta\gamma$ 1 and $\beta\gamma$ 3 Subunits Differentially Regulate Rat Vascular Kv7 Channels. Frontiers in Physiology, 2019, 10, 1573.	2.8	5
17	$\beta\gamma$ 3 Subunits Modulation of Kv7.4 Channels Expressed in HEK293 Cells at the Single Channel Level. Biophysical Journal, 2015, 108, 281a.	0.5	0
18	Kv 7.4 Channel Activity is Dependent upon PIP2 and $\beta\gamma$ 3 Subunits. Biophysical Journal, 2016, 110, 279a.	0.5	0