Emma L. Veale

List of Publications by Year
in descending order

56 papers	5,158 citations	136950 32 h-index	206112 48 g-index
56 all docs	56 docs citations	56 times ranked	6604 citing authors

#	Article	IF	Citations
1	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	5.4	519
2	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Enzymes. British Journal of Pharmacology, 2019, 176, S297-S396.	5.4	423
3	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	5.4	337
4	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Enzymes. British Journal of Pharmacology, 2021, 178, S313-S411.	5.4	320
5	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Introduction and Other Protein Targets. British Journal of Pharmacology, 2019, 176, S1-S20.	5.4	295
6	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Ion channels. British Journal of Pharmacology, 2019, 176, S142-S228.	5.4	242
7	Zinc and copper: Pharmacological probes and endogenous modulators of neuronal excitability. , 2006, 111, 567-583.		213
8	The sfr6 Mutation in Arabidopsis Suppresses Low-Temperature Induction of Genes Dependent on the CRT/DRE Sequence Motif. Plant Cell, 1999, 11, 875-886.	6.6	203
9	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Ion channels. British Journal of Pharmacology, 2021, 178, S157-S245.	5.4	187
10	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Introduction and Other Protein Targets. British Journal of Pharmacology, 2021, 178, S1-S26.	5.4	183
11	Inhibition of the human two-pore domain potassium channel, TREK-1, by fluoxetine and its metabolite norfluoxetine. British Journal of Pharmacology, 2005, 144, 821-829.	5.4	167
12	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Transporters. British Journal of Pharmacology, 2019, 176, S397-S493.	5.4	166
13	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Catalytic receptors. British Journal of Pharmacology, 2019, 176, S247-S296.	5.4	156
14	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Catalytic receptors. British Journal of Pharmacology, 2021, 178, S264-S312.	5.4	148
15	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Nuclear hormone receptors. British Journal of Pharmacology, 2019, 176, S229-S246.	5.4	127
16	Modifying the Subunit Composition of TASK Channels Alters the Modulation of a Leak Conductance in Cerebellar Granule Neurons. Journal of Neuroscience, 2005, 25, 11455-11467.	3.6	124
17	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Transporters. British Journal of Pharmacology, 2021, 178, S412-S513.	5.4	114
18	TASK-3 Two-Pore Domain Potassium Channels Enable Sustained High-Frequency Firing in Cerebellar Granule Neurons. Journal of Neuroscience, 2007, 27, 9329-9340.	3.6	109

#	Article	IF	Citations
19	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Nuclear hormone receptors. British Journal of Pharmacology, 2021, 178, S246-S263.	5.4	100
20	The in Vivo Contributions of TASK-1-Containing Channels to the Actions of Inhalation Anesthetics, the Î±2 Adrenergic Sedative Dexmedetomidine, and Cannabinoid Agonists. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 615-626.	2.5	82
21	Two-pore domain potassium channels: potential therapeutic targets for the treatment of pain. Pflugers Archiv European Journal of Physiology, 2015, 467, 931-943.	2.8	80
22	Selective block of the human 2-P domain potassium channel, TASK-3, and the native leak potassium current, IKSO, by zinc. Journal of Physiology, 2004, 560, 51-62.	2.9	71
23	SYMPOSIUM REVIEW: Gating of two pore domain potassium channels. Journal of Physiology, 2010, 588, 3149-3156.	2.9	68
24	TASK-1 (KCNK3) channels in the lung: from cell biology to clinical implications. European Respiratory Journal, 2017, 50, 1700754.	6.7	60
25	Neuronal ion channels and their sensitivity to extremely low frequency weak electric field effects. Radiation Protection Dosimetry, 2003, 106, 311-315.	0.8	57
26	GÎ±q-Mediated Regulation of TASK3 Two-Pore Domain Potassium Channels: The Role of Protein Kinase C. Molecular Pharmacology, 2007, 71, 1666-1675.	2.3	54
27	Influence of the N Terminus on the Biophysical Properties and Pharmacology of TREK1 Potassium Channels. Molecular Pharmacology, 2014, 85, 671-681.	2.3	52
28	What are the roles of the many different types of potassium channel expressed in cerebellar granule cells?. Cerebellum, 2003, 2, 11-25.	2.5	48
29	Glâ€530159, a novel, selective, mechanosensitive twoâ€poreâ€domain potassium (K_{2P}) channel opener, reduces rat dorsal root ganglion neuron excitability. British Journal of Pharmacology, 2018, 175, 2272-2283.	5.4	40
30	Identification of a region in the TASK3 two pore domain potassium channel that is critical for its blockade by methanandamide. British Journal of Pharmacology, 2007, 152, 778-786.	5.4	37
31	Dominant Negative Effects of a Non-conducting TREK1 Splice Variant Expressed in Brain*. Journal of Biological Chemistry, 2010, 285, 29295-29304.	3.4	37
32	The M1P1 Loop of TASK3 K2P Channels Apposes the Selectivity Filter and Influences Channel Function. Journal of Biological Chemistry, 2008, 283, 16985-16992.	3.4	35
33	Characterization and regulation of wildâ€type and mutant TASKâ€1 two pore domain potassium channels indicated in pulmonary arterial hypertension. Journal of Physiology, 2019, 597, 1087-1101.	2.9	35
34	Recovery of Current through Mutated TASK3 Potassium Channels Underlying Birk Barel Syndrome. Molecular Pharmacology, 2014, 85, 397-407.	2.3	32
35	Aristolochic acid, a plant extract used in the treatment of pain and linked to Balkan endemic nephropathy, is a regulator of K2P channels. British Journal of Pharmacology, 2016, 173, 1639-1652.	5.4	30
36	Trafficking of Neuronal Two Pore Domain Potassium Channels. Current Neuropharmacology, 2010, 8, 276-286.	2.9	29

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37	Two-Pore Domain Potassium Channels as Drug Targets: Anesthesia and Beyond. Annual Review of Pharmacology and Toxicology, 2021, 61, 401-420.	9.4	29
38	Terbinafine is a novel and selective activator of the two-pore domain potassium channel TASK3. Biochemical and Biophysical Research Communications, 2017, 493, 444-450.	2.1	27
39	Map positions ofSFRgenes in relation to other freezing-related genes ofArabidopsis thaliana. Plant Journal, 1999, 17, 445-452.	5.7	25
40	Effects of the ventilatory stimulant, doxapram on human TASKâ€3 (KCNK9, K2P9.1) channels and TASKâ€1 (KCNK3, K2P3.1) channels. Acta Physiologica, 2020, 228, e13361.	3.8	20
41	Pranlukast is a novel small molecule activator of the two-pore domain potassium channel TREK2. Biochemical and Biophysical Research Communications, 2019, 520, 35-40.	2.1	16
42	Activation of TREK currents by riluzole in three subgroups of cultured mouse nodose ganglion neurons. PLoS ONE, 2018, 13, e0199282.	2.5	15
43	Pharmacists detecting atrial fibrillation (PDAF) in primary care during the influenza vaccination season: a multisite, cross-sectional screening protocol. BMJ Open, 2018, 8, e021121.	1.9	11
44	Opportunistic screening for atrial fibrillation by clinical pharmacists in UK general practice during the influenza vaccination season: A cross-sectional feasibility study. PLoS Medicine, 2020, 17, e1003197.	8.4	10
45	Enhancement of TWIK-related Acid-sensitive Potassium Channel 3 (TASK3) Two-pore Domain Potassium Channel Activity by Tumor Necrosis Factor Î±. Journal of Biological Chemistry, 2014, 289, 1388-1401.	3.4	9
46	Gain and loss of TASK3 channel function and its regulation by novel variation cause KCNK9 imprinting syndrome. Genome Medicine, 2022, 14, .	8.2	6
47	Pharmacologically reversible, loss of function mutations in the TM2 and TM4 inner pore helices of TREK-1 K2P channels. Scientific Reports, 2019, 9, 12394.	3.3	5
48	What are the roles of the many different types of potassium channel expressed in cerebellar granule cells?. Cerebellum, 2003, 2, 11-25.	2.5	3
49	A comparison of the in-vitro activity of amphotericin B with that of liposomal amphotericin B with that of liposomal amphotericin B against Candida albicans colonising central venous catheters. Journal of Antimicrobial Chemotherapy, 1994, 34, 840-841.	3.0	2
50	Block of TREK and TRESK K2P channels by lamotrigine and two derivatives sipatrigine and CEN-092. Biochemistry and Biophysics Reports, 2021, 26, 101021.	1.3	0
51	Title is missing!. , 2020, 17, e1003197.		0
52	Title is missing!. , 2020, 17, e1003197.		0
53	Title is missing!. , 2020, 17, e1003197.		0
54	Title is missing!. , 2020, 17, e1003197.		0

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55	Title is missing!. , 2020, 17, e1003197.		0
56	Title is missing!. , 2020, 17, e1003197.		0