

# Morten Grunnet

## List of Publications by Year in descending order

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35  
papers

1,358  
citations

489802

18  
h-index

445137

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Action of the KCa <sub>2</sub> -Negative Modulator AP30663, a Novel Compound in Development for Treatment of Atrial Fibrillation in Man. <i>Frontiers in Pharmacology</i> , 2020, 11, 610.	1.6	18
2	The KCa <sub>2</sub> Channel Inhibitor AP30663 Selectively Increases Atrial Refractoriness, Converts Vernakalant-Resistant Atrial Fibrillation and Prevents Its Reinduction in Conscious Pigs. <i>Frontiers in Pharmacology</i> , 2020, 11, 159.	1.6	28
3	Inhibition of KCa <sub>2</sub> and Kv11.1 Channels in Pigs With Left Ventricular Dysfunction. <i>Frontiers in Pharmacology</i> , 2020, 11, 556.	1.6	2
4	Arrhythmia development during inhibition of small-conductance calcium-activated potassium channels in acute myocardial infarction in a porcine model. <i>Europace</i> , 2019, 21, 1584-1593.	0.7	13
5	The KCa <sub>2</sub> Channel Inhibitor AP14145, But Not Dofetilide or Ondansetron, Provides Functional Atrial Selectivity in Guinea Pig Hearts. <i>Frontiers in Pharmacology</i> , 2019, 10, 668.	1.6	10
6	The multimodal antidepressant vortioxetine may facilitate pyramidal cell firing by inhibition of 5-HT <sub>3</sub> receptor expressing interneurons: An in vitro study in rat hippocampus slices. <i>Brain Research</i> , 2018, 1689, 1-11.	1.1	20
7	The sodium channel activator Lu AE98134 normalizes the altered firing properties of fast spiking interneurons in Dlx5/6+ <sup>+</sup> mice. <i>Neuroscience Letters</i> , 2018, 662, 29-35.	1.0	5
8	Selective Na <sup>v</sup> 1.1 activation rescues Dravet syndrome mice from seizures and premature death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8077-E8085.	3.3	105
9	Pharmacological rescue of mutated Kv3.1 ion-channel linked to progressive myoclonus epilepsies. <i>European Journal of Pharmacology</i> , 2018, 833, 255-262.	1.7	12
10	Kv3.1/Kv3.2 channel positive modulators enable faster activating kinetics and increase firing frequency in fast-spiking GABAergic interneurons. <i>Neuropharmacology</i> , 2017, 118, 102-112.	2.0	37
11	Novel selective PDE type 1 inhibitors cause vasodilatation and lower blood pressure in rats. <i>British Journal of Pharmacology</i> , 2017, 174, 2563-2575.	2.7	31
12	Termination of Vernakalant-Resistant Atrial Fibrillation by Inhibition of Small-Conductance Ca <sup>2+</sup> -Activated K <sup>+</sup> Channels in Pigs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	62
13	PDE1A inhibition elicits cGMP-dependent relaxation of rat mesenteric arteries. <i>British Journal of Pharmacology</i> , 2017, 174, 4186-4198.	2.7	22
14	A new negative allosteric modulator, AP14145, for the study of small conductance calcium-activated potassium (K <sub>Ca</sub> ) channels. <i>British Journal of Pharmacology</i> , 2017, 174, 4396-4408.	2.7	27
15	A small molecule activator of Na <sup>v</sup> 1.1 channels increases fast-spiking interneuron excitability and GABAergic transmission <i>in vitro</i> and has anti-convulsive effects <i>in vivo</i> . <i>European Journal of Neuroscience</i> , 2017, 46, 1887-1896.	1.2	22
16	Antiarrhythmic effect of the Ca <sup>2+</sup> -activated K <sup>+</sup> (SK) channel inhibitor ICA combined with either amiodarone or dofetilide in an isolated heart model of atrial fibrillation. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1853-1863.	1.3	13
17	Role of Calcium-activated Potassium Channels in Atrial Fibrillation Pathophysiology and Therapy. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 441-448.	0.8	35
18	Synergistic antiarrhythmic effect of combining inhibition of Ca <sup>2+</sup> -activated K <sup>+</sup> (SK) channels and voltage-gated Na <sup>+</sup> channels in an isolated heart model of atrial fibrillation. <i>Heart Rhythm</i> , 2015, 12, 409-418.	0.3	28

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19	Targeting $\alpha 4\beta 2$ Nicotinic Acetylcholine Receptors in Central Nervous System Disorders: Perspectives on Positive Allosteric Modulation as a Therapeutic Approach. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 187-200.	1.2	40
20	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 64-73.	5.1	50
21	Identification and Electrophysiological Evaluation of 2-Methylbenzamide Derivatives as Na <sup>v</sup> 1.1 Modulators. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1302-1308.	1.7	8
22	Pharmacologic inhibition of small-conductance calcium-activated potassium (SK) channels by NS8593 reveals atrial antiarrhythmic potential in horses. <i>Heart Rhythm</i> , 2015, 12, 825-835.	0.3	70
23	Cardiac SK channels: Friend or foe?. <i>Heart Rhythm</i> , 2015, 12, 1016-1017.	0.3	2
24	Biophysical characterization of KV3.1 potassium channel activating compounds. <i>European Journal of Pharmacology</i> , 2015, 758, 164-170.	1.7	20
25	Role of Small-Conductance Calcium-Activated Potassium Channels in Atrial Electrophysiology and Fibrillation in the Dog. <i>Circulation</i> , 2014, 129, 430-440.	1.6	153
26	Structural insight into concealed long QT type 1. <i>Heart Rhythm</i> , 2014, 11, 469-470.	0.3	0
27	Therapeutic potential of NaV1.1 activators. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 113-118.	4.0	39
28	Cardiac Potassium Channel Subtypes: New Roles in Repolarization and Arrhythmia. <i>Physiological Reviews</i> , 2014, 94, 609-653.	13.1	181
29	Neuropharmacological modulation of the P3-like event-related potential in a rat two-tone auditory discrimination task with modafinil and NS9283, a positive allosteric modulator of $\alpha 4\beta 2$ nAChRs. <i>Neuropharmacology</i> , 2014, 79, 444-455.	2.0	20
30	Selective potentiation of $\alpha 3\beta 2$ nicotinic acetylcholine receptors augments amplitudes of prefrontal acetylcholine- and nicotine-evoked glutamatergic transients in rats. <i>Biochemical Pharmacology</i> , 2013, 86, 1487-1496.	2.0	18
31	Anti-hypertensive treatment preserves appetite suppression while preventing cardiovascular adverse effects of tesofensine in rats. <i>Obesity</i> , 2013, 21, 985-992.	1.5	19
32	The Duration of Pacing-induced Atrial Fibrillation Is Reduced in Vivo by Inhibition of Small Conductance Ca <sup>2+</sup> -activated K <sup>+</sup> Channels. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 672-681.	0.8	80
33	The protective effect of brief acidic cardiac reperfusion after ischemia is not mimicked by inhibition of the Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1 or of phospholipase A2 $\epsilon$ (PLA2 $\epsilon$ ). <i>FASEB Journal</i> , 2011, 25, 1097.12.	0.2	0
34	Inhibition of Small-Conductance Ca <sup>2+</sup> -Activated K <sup>+</sup> Channels Terminates and Protects Against Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 380-390.	2.1	164
35	Fetal arrhythmia caused by dysregulation of HERG channels. <i>Heart Rhythm</i> , 2008, 5, 562-564.	0.3	4