

Sean G Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7547895/publications.pdf>

Version: 2024-02-01

17
papers

492
citations

686830

13
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput phenotypic screening of the human spermatozoon. <i>Reproduction</i> , 2022, 163, R1-R9.	1.1	3
2	[Ca ²⁺] _i oscillations in human sperm are triggered in the flagellum by membrane potential-sensitive activity of CatSper. <i>Human Reproduction</i> , 2021, 36, 293-304.	0.4	17
3	Novel pharmacological actions of trequinsin hydrochloride improve human sperm cell motility and function. <i>British Journal of Pharmacology</i> , 2019, 176, 4521-4536.	2.7	21
4	Human sperm ion channel (dys)function: implications for fertilization. <i>Human Reproduction Update</i> , 2019, 25, 758-776.	5.2	68
5	Single-cell analysis of [Ca ²⁺] _i signalling in sub-fertile men: characteristics and relation to fertilization outcome. <i>Human Reproduction</i> , 2018, 33, 1023-1033.	0.4	25
6	Homozygous in-frame deletion in <i>CATSPERE</i> in a man producing spermatozoa with loss of CatSper function and compromised fertilizing capacity. <i>Human Reproduction</i> , 2018, 33, 1812-1816.	0.4	43
7	Drug discovery for male subfertility using high-throughput screening: a new approach to an unsolved problem. <i>Human Reproduction</i> , 2017, 32, 974-984.	0.4	19
8	Complex CatSper-dependent and independent [Ca ²⁺] _i signalling in human spermatozoa induced by follicular fluid. <i>Human Reproduction</i> , 2017, 32, 1995-2006.	0.4	22
9	Depolarization of sperm membrane potential is a common feature of men with subfertility and is associated with low fertilization rate at IVF. <i>Human Reproduction</i> , 2016, 31, 1147-1157.	0.4	57
10	A spontaneous increase in intracellular Ca ²⁺ in metaphase II human oocytes in vitro can be prevented by drugs targeting ATP-sensitive K ⁺ channels. <i>Human Reproduction</i> , 2015, 31, dev300.	0.4	6
11	Specific loss of CatSper function is sufficient to compromise fertilizing capacity of human spermatozoa. <i>Human Reproduction</i> , 2015, 30, dev243.	0.4	61
12	Clinically relevant enhancement of human sperm motility using compounds with reported phosphodiesterase inhibitor activity. <i>Human Reproduction</i> , 2014, 29, 2123-2135.	0.4	44
13	Cation currents in human airway epithelial cells induced by infection with influenza A virus. <i>Journal of Physiology</i> , 2009, 587, 3159-3173.	1.3	13
14	The regulation of selective and nonselective Na ⁺ conductances in H441 human airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L942-L954.	1.3	16
15	A Ba ²⁺ -resistant, acid-sensitive K ⁺ conductance in Na ⁺ -absorbing H441 human airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1304-L1312.	1.3	24
16	Differential Phosphoinositide Binding to Components of the G Protein-Gated K ⁺ Channel. <i>Journal of Membrane Biology</i> , 2006, 211, 43-53.	1.0	13
17	PKC- ζ sensitizes Kir3.1/3.2 channels to changes in membrane phospholipid levels after M3 receptor activation in HEK-293 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C543-C556.	2.1	40