

Heidi de Wet

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,375
citations

516215

16
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642321

23
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24
all docs

24
docs citations

24
times ranked

1751
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetyl-CoA-carboxylase 1 (ACC1) plays a critical role in glucagon secretion. <i>Communications Biology</i> , 2022, 5, 238.	2.0	8
2	NMDA Receptor Antagonists Increase the Release of GLP-1 From Gut Endocrine Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 861311.	1.6	0
3	Abcc5 Knockout Mice Have Lower Fat Mass and Increased Levels of Circulating GLP-1. <i>Obesity</i> , 2019, 27, 1292-1304.	1.5	11
4	A Ketone Ester Drink Lowers Human Ghrelin and Appetite. <i>Obesity</i> , 2018, 26, 269-273.	1.5	123
5	Molecular action of sulphonylureas on KATP channels: a real partnership between drugs and nucleotides. <i>Biochemical Society Transactions</i> , 2015, 43, 901-907.	1.6	39
6	Sulfonylureas suppress the stimulatory action of Mg-nucleotides on Kir6.2/SUR1 but not Kir6.2/SUR2A KATP channels: A mechanistic study. <i>Journal of General Physiology</i> , 2014, 144, 469-486.	0.9	20
7	Molecular Mechanism of Sulphonylurea Block of KATP Channels Carrying Mutations That Impair ATP Inhibition and Cause Neonatal Diabetes. <i>Diabetes</i> , 2013, 62, 3909-3919.	0.3	44
8	Tetrameric structure of SUR2B revealed by electron microscopy of oriented single particles. <i>FEBS Journal</i> , 2013, 280, 1051-1063.	2.2	9
9	A universally conserved residue in the SUR1 subunit of the K ATP channel is essential for translating nucleotide binding at SUR1 into channel opening. <i>Journal of Physiology</i> , 2012, 590, 5025-5036.	1.3	13
10	MKP-1 Knockout Does not Prevent Glucocorticoid-Induced Bone Disease in Mice. <i>Calcified Tissue International</i> , 2011, 89, 221-227.	1.5	23
11	Disease progression and search for monogenic diabetes among children with new onset type 1 diabetes negative for ICA, GAD- and IA-2 Antibodies. <i>BMC Endocrine Disorders</i> , 2010, 10, 16.	0.9	15
12	The ATPase activities of sulfonylurea receptor 2A and sulfonylurea receptor 2B are influenced by the C-terminal 42 amino acids. <i>FEBS Journal</i> , 2010, 277, 2654-2662.	2.2	14
13	Activation of the KATP channel by Mg-nucleotide interaction with SUR1. <i>Journal of General Physiology</i> , 2010, 136, 389-405.	0.9	51
14	Asymmetric Switching in a Homodimeric ABC Transporter: A Simulation Study. <i>PLoS Computational Biology</i> , 2010, 6, e1000762.	1.5	67
15	The ATPase activities of sulfonylurea receptor 2A and sulfonylurea receptor 2B are influenced by the C-terminal 42 amino acids. <i>FEBS Journal</i> , 2010, 277, 2654-2662.	2.2	12
16	SUR1: a unique ATP-binding cassette protein that functions as an ion channel regulator. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 257-267.	1.8	138
17	A mutation (R826W) in nucleotide-binding domain 1 of <i>ABCC8</i> reduces ATPase activity and causes transient neonatal diabetes. <i>EMBO Reports</i> , 2008, 9, 648-654.	2.0	40
18	Increased ATPase activity produced by mutations at arginine-1380 in nucleotide-binding domain 2 of <i>ABCC8</i> causes neonatal diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18988-18992.	3.3	51

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19	Mitogen-Activated Protein Kinase Phosphatase 1/Dual Specificity Phosphatase 1 Mediates Glucocorticoid Inhibition of Osteoblast Proliferation. <i>Molecular Endocrinology</i> , 2007, 21, 2929-2940.	3.7	61
20	Studies of the ATPase activity of the ABC protein SUR1. <i>FEBS Journal</i> , 2007, 274, 3532-3544.	2.2	62
21	Modulation of the BK channel by estrogens: examination at single channel level. <i>Molecular Membrane Biology</i> , 2006, 23, 420-429.	2.0	32
22	3-D structural and functional characterization of the purified KATPchannel complex Kir6.2-SUR1. <i>EMBO Journal</i> , 2005, 24, 4166-4175.	3.5	156
23	Sequence Requirements of the ATP-Binding Site within the C-Terminal Nucleotide-Binding Domain of Mouse P-Glycoprotein: A Structure-Activity Relationships for Flavonoid Binding. <i>Biochemistry</i> , 2001, 40, 10382-10391.	1.2	41
24	ATPase and Multidrug Transport Activities of the Overexpressed Yeast ABC Protein Yor1p. <i>Journal of Biological Chemistry</i> , 1998, 273, 12612-12622.	1.6	345