

Huafeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

167
citations

1651377

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h-index

1905433

7
g-index

12
all docs

12
docs citations

12
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	C2cd6-encoded CatSper1, targets sperm calcium channel to Ca ²⁺ signaling domains in the flagellar membrane. Cell Reports, 2022, 38, 110226.	2.9	19
2	Redox regulation by TXNRD3 during epididymal maturation underlies capacitation-associated mitochondrial activity and sperm motility in mice. Journal of Biological Chemistry, 2022, 298, 102077.	1.6	8
3	3D structure and in situ arrangements of CatSper channel in the sperm flagellum. Nature Communications, 2022, 13, .	5.8	21
4	Selenoprotein TXNRD3 supports male fertility via the redox regulation of spermatogenesis. Journal of Biological Chemistry, 2022, 298, 102183.	1.6	10
5	Sperm ion channels and transporters in male fertility and infertility. Nature Reviews Urology, 2021, 18, 46-66.	1.9	76
6	Genetic Defects in DNAH2 Underlie Male Infertility With Multiple Morphological Abnormalities of the Sperm Flagella in Humans and Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 662903.	1.8	22
7	Mitochondria-cytoskeleton interactions in mammalian sperm revealed by cryoelectron tomography. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	1