

Kogiku Shiba

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

522
citations

933447

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1058476

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docs citations

15
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	The Roles of Two CNG Channels in the Regulation of Ascidian Sperm Chemotaxis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1648.	4.1	5
2	Morphological differences in tardigrade spermatozoa induce variation in gamete motility. <i>BMC Zoology</i> , 2022, 7, .	1.0	1
3	A dynein-associated photoreceptor protein prevents ciliary acclimation to blue light. <i>Science Advances</i> , 2021, 7, .	10.3	10
4	Nexin-Dynein regulatory complex component DRC7 but not FBXL13 is required for sperm flagellum formation and male fertility in mice. <i>PLoS Genetics</i> , 2020, 16, e1008585.	3.5	28
5	High potassium seawater inhibits ascidian sperm chemotaxis, but does not affect the male gamete chemotaxis of a brown alga. <i>Zygote</i> , 2019, 27, 225-231.	1.1	3
6	Calaxin is required for cilia-driven determination of vertebrate laterality. <i>Communications Biology</i> , 2019, 2, 226.	4.4	26
7	Ca ²⁺ efflux via plasma membrane Ca ²⁺ -ATPase mediates chemotaxis in ascidian sperm. <i>Scientific Reports</i> , 2018, 8, 16622.	3.3	22
8	Microscopic analysis of sperm movement: links to mechanisms and protein components. <i>Microscopy (Oxford, England)</i> , 2018, 67, 144-155.	1.5	19
9	Branchial Cilia and Sperm Flagella Recruit Distinct Axonemal Components. <i>PLoS ONE</i> , 2015, 10, e0126005.	2.5	24
10	Sperm calcineurin inhibition prevents mouse fertility with implications for male contraceptive. <i>Science</i> , 2015, 350, 442-445.	12.6	137
11	Distinct Roles of Soluble and Transmembrane Adenylyl Cyclases in the Regulation of Flagellar Motility in <i>Ciona</i> Sperm. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13192-13208.	4.1	19
12	Calaxin drives sperm chemotaxis by Ca ²⁺ -mediated direct modulation of a dynein motor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20497-20502.	7.1	80
13	Ca ²⁺ bursts occur around a local minimal concentration of attractant and trigger sperm chemotactic response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19312-19317.	7.1	117
14	Na ⁺ /Ca ²⁺ exchanger modulates the flagellar wave pattern for the regulation of motility activation and chemotaxis in the ascidian spermatozoa. <i>Cytoskeleton</i> , 2006, 63, 623-632.	4.4	29