Gen L Takei

List of Publications by Year
in descending order

12	202	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oviductal high concentration of K⁺suppresses hyperpolarization but does not prevent hyperactivation, acrosome reaction andin vitrofertilization in hamsters. Zygote, 2021, 29, 66-74.	1.1	3
2	Activation of cAMPâ€dependent phosphorylation pathways is independent of ROS production during mouse sperm capacitation. Molecular Reproduction and Development, 2021, 88, 544-557.	2.0	10
3	Na+/K+-ATPase Î±4 regulates sperm hyperactivation while Na+/K+-ATPase Î±1 regulates basal motility in hamster spermatozoa. Theriogenology, 2020, 157, 48-60.	2.1	5
4	Regulatory mechanisms of sperm flagellar motility by metachronal and synchronous sliding of doublet microtubules. Molecular Human Reproduction, 2017, 23, 817-826.	2.8	8
5	Î³-Aminobutyric acid suppresses enhancement of hamster sperm hyperactivation by 5-hydroxytryptamine. Journal of Reproduction and Development, 2017, 63, 67-74.	1.4	12
6	Regulation of hamster sperm hyperactivation by extracellular Na+. Reproduction, 2016, 151, 589-603.	2.6	9
7	Non-genomic regulation and disruption of spermatozoal in vitro hyperactivation by oviductal hormones. Journal of Physiological Sciences, 2016, 66, 207-212.	2.1	25
8	Estrogen suppresses melatonin-enhanced hyperactivation of hamster spermatozoa. Journal of Reproduction and Development, 2015, 61, 287-295.	1.4	15
9	Regulation of salmonid fish sperm motility by osmotic shock-induced water influx across the plasma membrane. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 182, 84-92.	1.8	20
10	Glycolysis plays an important role in energy transfer from the base to the distal end of the flagellum in mouse sperm. Journal of Experimental Biology, 2014, 217, 1876-86.	1.7	39
11	Suppression of Progesterone-enhanced Hyperactivation in Hamster Spermatozoa by Î³-aminobutyric Acid. Journal of Reproduction and Development, 2014, 60, 202-209.	1.4	22
12	Transient Ca2+ mobilization caused by osmotic shock initiates salmonid fish sperm motility. Journal of Experimental Biology, 2012, 215, 630-641.	1.7	34