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List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

815
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproductive age-associated fibrosis in the stroma of the mammalian ovary. <i>Reproduction</i> , 2016, 152, 245-260.	2.6	182
2	Chromosome cohesion decreases in human eggs with advanced maternal age. <i>Aging Cell</i> , 2012, 11, 1121-1124.	6.7	161
3	Ovarian stiffness increases with age in the mammalian ovary and depends on collagen and hyaluronan matrices. <i>Aging Cell</i> , 2020, 19, e13259.	6.7	104
4	Bioresorbable photonic devices for the spectroscopic characterization of physiological status and neural activity. <i>Nature Biomedical Engineering</i> , 2019, 3, 644-654.	22.5	98
5	XCage: A Tricyclic Octacationic Receptor for Perylene Diimide with Picomolar Affinity in Water. <i>Journal of the American Chemical Society</i> , 2020, 142, 3165-3173.	13.7	54
6	Promoting extracellular matrix remodeling via ascorbic acid enhances the survival of primary ovarian follicles encapsulated in alginate hydrogels. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1417-1429.	3.3	52
7	Mechanical-Bond-Induced Exciplex Fluorescence in an Anthracene-Based Homo[2]catenane. <i>Journal of the American Chemical Society</i> , 2020, 142, 7956-7967.	13.7	45
8	Amphiastral Mitotic Spindle Assembly in Vertebrate Cells Lacking Centrosomes. <i>Current Biology</i> , 2011, 21, 598-605.	3.9	35
9	Bovine eggs release zinc in response to parthenogenetic and sperm-induced egg activation. <i>Theriogenology</i> , 2019, 127, 41-48.	2.1	34
10	Kinesins to the core: The role of microtubule-based motor proteins in building the mitotic spindle midzone. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 290-299.	5.0	27
11	Age-associated alterations in the micromechanical properties of chromosomes in the mammalian egg. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 765-769.	2.5	18
12	It's all about the pentiums: The use, manipulation, and storage of digital microscopy imaging data for the biological sciences. <i>Molecular Reproduction and Development</i> , 2015, 82, 508-517.	2.0	2
13	Dependence of the structure and mechanics of metaphase chromosomes on oxidized cysteines. <i>Chromosome Research</i> , 2016, 24, 339-353.	2.2	2
14	The long view: Considering spindle orientation in image analysis. <i>Molecular Reproduction and Development</i> , 2020, 87, 205-205.	2.0	1