Vanina da Ros

List of Publications by Year
in descending order

27	1,441	394286	580701
papers	citations	19 h-index	25 g-index

29	29	29	2163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic inactivation of the polycomb repressive complex 2 in T cell acute lymphoblastic leukemia. Nature Medicine, 2012, 18, 298-302.	15.2	453
2	Impaired sperm fertilizing ability in mice lacking Cysteine-RIch Secretory Protein 1 (CRISP1). Developmental Biology, 2008, 320, 12-18.	0.9	135
3	Functional human sperm capacitation requires both bicarbonate-dependent PKA activation and down-regulation of Ser/Thr phosphatases by Src family kinases. Molecular Human Reproduction, 2013, 19, 570-580.	1.3	96
4	Sperm protein â€œDEâ€•mediates gamete fusion through an evolutionarily conserved site of the CRISP family. Developmental Biology, 2006, 297, 228-237.	0.9	74
5	The tyrosine kinase FER is responsible for the capacitation-associated increase in tyrosine phosphorylation in murine sperm. Development (Cambridge), 2016, 143, 2325-33.	1.2	74
6	PI3K/Akt Cooperates with Oncogenic Notch by Inducing Nitric Oxide-Dependent Inflammation. Cell Reports, 2018, 22, 2541-2549.	2.9	61
7	Participation of cysteine-rich secretory proteins (CRISP) in mammalian sperm-egg interaction. International Journal of Developmental Biology, 2008, 52, 737-742.	0.3	54
8	From the epididymis to the egg: participation of CRISP proteins in mammalian fertilization. Asian Journal of Andrology, 2015, 17, 711.	0.8	53
9	Evidence for the involvement of proline-rich tyrosine kinase 2 in tyrosine phosphorylation downstream of protein kinase A activation during human sperm capacitation. Molecular Human Reproduction, 2014, 20, 1054-1066.	1.3	50
10	Participation of epididymal cysteine-rich secretory proteins in sperm-egg fusion and their potential use for male fertility regulation. Asian Journal of Andrology, 2007, 9, 528-532.	0.8	46
11	Expression and Structure-Function Analysis of DE, a Sperm Cysteine-Rich Secretory Protein That Mediates Gamete Fusion1. Biology of Reproduction, 2002, 67, 1225-1231.	1.2	45
12	Fertilization defects in sperm fromCysteine-rich secretory protein 2(Crisp2) knockout mice: implications for fertility disorders. Molecular Human Reproduction, 2016, 22, 240-251.	1.3	42
13	Molecular Mechanisms Involved in Mammalian Gamete Fusion. Archives of Medical Research, 2001, 32, 614-618.	1.5	35
14	Bicarbonate Is Required for Migration of Sperm Epididymal Protein DE (CRISP-1) to the Equatorial Segment and Expression of Rat Sperm Fusion Ability1. Biology of Reproduction, 2004, 70, 1325-1332.	1.2	32
15	Tyrosine phosphorylation signaling regulates Ca²⁺ entry by affecting intracellular pH during human sperm capacitation. Journal of Cellular Physiology, 2019, 234, 5276-5288.	2.0	31
16	Acrosome Reaction as a Preparation for Gamete Fusion. Advances in Anatomy, Embryology and Cell Biology, 2016, 220, 159-172.	1.0	30
17	Dampening the Signals Transduced through Hedgehog via MicroRNA miR-7 Facilitates Notch-Induced Tumourigenesis. PLoS Biology, 2013, 11, e1001554.	2.6	24
18	Influence of the genetic background on the reproductive phenotype of mice lacking Cysteine-Rich Secretory Protein 1 (CRISP1)â€. Biology of Reproduction, 2018, 99, 373-383.	1.2	24

#	Article	IF	Citations
19	Association between high-fat diet feeding and male fertility in high reproductive performance mice. Scientific Reports, 2019, 9, 18546.	1.6	22
20	Capacitation-Induced Mitochondrial Activity Is Required for Sperm Fertilizing Ability in Mice by Modulating Hyperactivation. Frontiers in Cell and Developmental Biology, 2021, 9, 767161.	1.8	19
21	Immunologic behavior of human cysteine-rich secretory protein 1 (hCRISP1) in primates: prospects for immunocontraception. Fertility and Sterility, 2010, 93, 2551-2556.	0.5	15
22	Functional redundancy and compensation: Deletion of multiple murineCrispgenes reveals their essential role for male fertility. FASEB Journal, 2020, 34, 15718-15733.	0.2	11
23	Functional and structural characterisation of AgMNPV ie1. Virus Genes, 2007, 35, 549-562.	0.7	7
24	Postnatal metformin treatment alters rat Sertoli cell proliferation and daily sperm production. Andrology, 2021, 9, 965-976.	1.9	3
25	Metabolic syndrome and male fertility disorders: Is there a causal link?. Reviews in Endocrine and Metabolic Disorders, 2021, , 1.	2.6	3
26	Mechanisms Involved in Mammalian Gamete Interaction. , 2018, , 279-283.		1
27	SUN-214 Neonatal Metformin Administration Exerts a Suppressive Effect on Sertoli Cell Proliferation in Rats. Journal of the Endocrine Society, 2019, 3, .	0.1	0