

Yueshuai Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,387
citations

19
h-index

36
g-index

56
ext. papers

1,906
ext. citations

6.3
avg, IF

3.9
L-index

#	Paper	IF	Citations
50	The plasminogen receptor directs maintenance of spermatogonial stem cells by targeting BMI1.. <i>Molecular Biology Reports</i> , 2022 , 1	2.8	0
49	m A reader protein YTHDF2 regulates spermatogenesis by timely clearance of phase-specific transcripts. <i>Cell Proliferation</i> , 2021 , e13164	7.9	2
48	Quantitative proteomic biomarkers from extracellular vesicles of human seminal plasma in the differential diagnosis of azoospermia. <i>Clinical and Translational Medicine</i> , 2021 , 11, e423	5.7	1
47	Systematic analysis of the ubiquitome in mouse testis. <i>Proteomics</i> , 2021 , 21, e2100025	4.8	1
46	Integrative proteome analysis implicates aberrant RNA splicing in impaired developmental potential of aged mouse oocytes. <i>Aging Cell</i> , 2021 , 20, e13482	9.9	3
45	LYPD4, mouse homolog of a human acrosome protein, is essential for sperm fertilizing ability and male fertility <i>Biology of Reproduction</i> , 2020 , 102, 1033-1044	3.9	3
44	Phosphoproteomic Analysis of Neonatal Regenerative Myocardium Revealed Important Roles of Checkpoint Kinase 1 via Activating Mammalian Target of Rapamycin C1/Ribosomal Protein S6 Kinase b-1 Pathway. <i>Circulation</i> , 2020 , 141, 1554-1569	16.7	13
43	Characterization of Metabolic Patterns in Mouse Oocytes during Meiotic Maturation. <i>Molecular Cell</i> , 2020 , 80, 525-540.e9	17.6	19
42	Myotubularin related protein 7 is essential for the spermatogonial stem cell homeostasis via PI3K/AKT signaling. <i>Cell Cycle</i> , 2019 , 18, 2800-2813	4.7	13
41	Proteomics analysis of asthenozoospermia and identification of glucose-6-phosphate isomerase as an important enzyme for sperm motility. <i>Journal of Proteomics</i> , 2019 , 208, 103478	3.9	11
40	Deficiency of TPPP2, a factor linked to oligoasthenozoospermia, causes subfertility in male mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2583-2594	5.6	17
39	RNA-Binding Protein IGF2BP2/IMP2 is a Critical Maternal Activator in Early Zygotic Genome Activation. <i>Advanced Science</i> , 2019 , 6, 1900295	13.6	27
38	deletion elevates c-JUN protein level and impairs mesoderm differentiation. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9959-9972	5.4	4
37	The Protein Phosphorylation Landscape of Mouse Spermatids during Spermiogenesis. <i>Proteomics</i> , 2019 , 19, e1900055	4.8	6
36	Proteomic Analysis of Dpy19l2-Deficient Human Globozoospermia Reveals Multiple Molecular Defects. <i>Proteomics - Clinical Applications</i> , 2019 , 13, e1900007	3.1	4
35	FBXO47 regulates telomere-inner nuclear envelope integration by stabilizing TRF2 during meiosis. <i>Nucleic Acids Research</i> , 2019 , 47, 11755-11770	20.1	16
34	Mechanistic insights into acephalic spermatozoa syndrome-associated mutations in the human gene. <i>Journal of Biological Chemistry</i> , 2018 , 293, 2395-2407	5.4	21

33	Cellular nucleic acid-binding protein is vital to testis development and spermatogenesis in mice. <i>Reproduction</i> , 2018 , 156, 59-69	3.8	13
32	Sox30 initiates transcription of haploid genes during late meiosis and spermiogenesis in mouse testes. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	23
31	A Comparative Proteome Profile of Female Mouse Gonads Suggests a Tight Link between the Electron Transport Chain and Meiosis Initiation. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 31-42	7.6	5
30	Stromal interaction molecule 1 is required for neonatal testicular development in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 504, 909-915	3.4	7
29	Oocyte stage-specific effects of MTOR determine granulosa cell fate and oocyte quality in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5326-E5333	11.5	68
28	The Glial Cell-Derived Neurotrophic Factor (GDNF)-responsive Phosphoprotein Landscape Identifies Raptor Phosphorylation Required for Spermatogonial Progenitor Cell Proliferation. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 982-997	7.6	17
27	Essential role for SUN5 in anchoring sperm head to the tail. <i>ELife</i> , 2017 , 6,	8.9	52
26	Ythdc2 is an N-methyladenosine binding protein that regulates mammalian spermatogenesis. <i>Cell Research</i> , 2017 , 27, 1115-1127	24.7	404
25	Boronic Acid-Modified Magnetic FeO@mTiO Microspheres for Highly Sensitive and Selective Enrichment of N-Glycopeptides in Amniotic Fluid. <i>Scientific Reports</i> , 2017 , 7, 4603	4.9	15
24	TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5370-E5378	11.5	47
23	Proteomic Analysis of Pachytene Spermatocytes of Sterile Hybrid Male Mice. <i>Biology of Reproduction</i> , 2016 , 95, 52	3.9	2
22	Quantitative Proteomics Reveals the Essential Roles of Stromal Interaction Molecule 1 (STIM1) in the Testicular Cord Formation in Mouse Testis. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2682-91	7.6	17
21	Unraveling the proteomic profile of mice testis during the initiation of meiosis. <i>Journal of Proteomics</i> , 2015 , 120, 35-43	3.9	7
20	Quantitative phosphoproteomics analysis reveals a key role of insulin growth factor 1 receptor (IGF1R) tyrosine kinase in human sperm capacitation. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1104-12 ⁶	7.6	45
19	Beyond single modification: Reanalysis of the acetylproteome of human sperm reveals widespread multiple modifications. <i>Journal of Proteomics</i> , 2015 , 126, 296-302	3.9	11
18	Proteomic analysis of N-glycosylation of human seminal plasma. <i>Proteomics</i> , 2015 , 15, 1255-8	4.8	17
17	An update of the macaque testis proteome. <i>Data in Brief</i> , 2015 , 5, 95-8	1.2	
16	Establishment of a proteome profile and identification of molecular markers for mouse spermatogonial stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 521-34	5.6	19

15	Comparative analysis of macaque and human sperm proteomes: Insights into sperm competition. <i>Proteomics</i> , 2015 , 15, 1564-73	4.8	12
14	Long-term effects of repeated superovulation on ovarian structure and function in rhesus monkeys. <i>Fertility and Sterility</i> , 2014 , 102, 1452-1457.e1	4.8	16
13	Unravelling the proteome of adult rhesus monkey ovaries. <i>Molecular BioSystems</i> , 2014 , 10, 653-62		9
12	Effects of GnRH antagonist on endometrial protein profiles in the window of implantation. <i>Proteomics</i> , 2014 , 14, 2350-9	4.8	22
11	Insights into the lysine acetylproteome of human sperm. <i>Journal of Proteomics</i> , 2014 , 109, 199-211	3.9	38
10	Quantitative proteomics analysis of altered protein expression in the placental villous tissue of early pregnancy loss using isobaric tandem mass tags. <i>BioMed Research International</i> , 2014 , 2014, 647143		10
9	Systematic analysis of the phosphoproteome and kinase-substrate networks in the mouse testis. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 3626-38	7.6	27
8	In-depth proteomic analysis of whole testis tissue from the adult rhesus macaque. <i>Proteomics</i> , 2014 , 14, 1393-402	4.8	11
7	Establishment of a proteomic profile associated with gonocyte and spermatogonial stem cell maturation and differentiation in neonatal mice. <i>Proteomics</i> , 2014 , 14, 274-85	4.8	20
6	Compensation phenomena found in <i>Acidithiobacillus ferrooxidans</i> after starvation stress. <i>Journal of Basic Microbiology</i> , 2014 , 54, 598-606	2.7	4
5	Differential proteomic profiling in human spermatozoa that did or did not result in pregnancy via IVF and AID. <i>Proteomics - Clinical Applications</i> , 2013 , 7, 850-8	3.1	36
4	In-depth proteomic analysis of the human sperm reveals complex protein compositions. <i>Journal of Proteomics</i> , 2013 , 79, 114-22	3.9	135
3	Scanning of novel cancer/testis proteins by human testis proteomic analysis. <i>Proteomics</i> , 2013 , 13, 1200-18	4.8	47
2	Mapping of the N-linked glycoproteome of human spermatozoa. <i>Journal of Proteome Research</i> , 2013 , 12, 5750-9	5.6	44
1	Comparative proteomics analysis of placenta from pregnant women with intrahepatic cholestasis of pregnancy. <i>PLoS ONE</i> , 2013 , 8, e83281	3.7	19