

Md Saidur Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,706
citations

257101

24
h-index

288905

40
g-index

43
all docs

43
docs citations

43
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Bisphenol-A Affects Male Fertility via Fertility-related Proteins in Spermatozoa. <i>Scientific Reports</i> , 2015, 5, 9169.	1.6	136
2	A comprehensive proteomic approach to identifying capacitation related proteins in boar spermatozoa. <i>BMC Genomics</i> , 2014, 15, 897.	1.2	116
3	Gestational Exposure to Bisphenol A Affects the Function and Proteome Profile of F1 Spermatozoa in Adult Mice. <i>Environmental Health Perspectives</i> , 2017, 125, 238-245.	2.8	106
4	Role of Insulin in Health and Disease: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6403.	1.8	104
5	Black Cumin (<i>Nigella sativa</i> L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021, 13, 1784.	1.7	101
6	Discovery of Predictive Biomarkers for Litter Size in Boar Spermatozoa*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1230-1240.	2.5	84
7	Sperm Proteomics: Road to Male Fertility and Contraception. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-11.	0.6	71
8	Calcium Influx and Male Fertility in the Context of the Sperm Proteome: An Update. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	69
9	Proteomic approaches for profiling negative fertility markers in inferior boar spermatozoa. <i>Scientific Reports</i> , 2015, 5, 13821.	1.6	67
10	Clinical assessment of the male fertility. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 179.	0.6	64
11	Prediction of male fertility using capacitation-associated proteins in spermatozoa. <i>Molecular Reproduction and Development</i> , 2017, 84, 749-759.	1.0	63
12	Increased male fertility using fertility-related biomarkers. <i>Scientific Reports</i> , 2015, 5, 15654.	1.6	62
13	Diagnosis and Prognosis of Male Infertility in Mammal: The Focusing of Tyrosine Phosphorylation and Phosphotyrosine Proteins. <i>Journal of Proteome Research</i> , 2014, 13, 4505-4517.	1.8	50
14	Effect of sodium fluoride on male mouse fertility. <i>Andrology</i> , 2015, 3, 544-551.	1.9	45
15	A Novel Approach to Identifying Physical Markers of Cryo-Damage in Bull Spermatozoa. <i>PLoS ONE</i> , 2015, 10, e0126232.	1.1	43
16	A novel approach to assessing bisphenol-A hazards using an in vitro model system. <i>BMC Genomics</i> , 2016, 17, 577.	1.2	39
17	Modulatory Effects of Autophagy on APP Processing as a Potential Treatment Target for Alzheimer's Disease. <i>Biomedicines</i> , 2021, 9, 5.	1.4	37
18	Sodium nitroprusside suppresses male fertility in vitro. <i>Andrology</i> , 2014, 2, 899-909.	1.9	33

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19	Addition of Cryoprotectant Significantly Alters the Epididymal Sperm Proteome. PLoS ONE, 2016, 11, e0152690.	1.1	33
20	Sex chromosome-dependent differential viability of human spermatozoa during prolonged incubation. Human Reproduction, 2017, 32, 1183-1191.	0.4	31
21	Exposure to Environmental Arsenic and Emerging Risk of Alzheimer's Disease: Perspective Mechanisms, Management Strategy, and Future Directions. Toxics, 2021, 9, 188.	1.6	29
22	Nutlin-3a Decreases Male Fertility via UQCRC2. PLoS ONE, 2013, 8, e76959.	1.1	29
23	Understanding the molecular mechanisms of bisphenol A action in spermatozoa. Clinical and Experimental Reproductive Medicine, 2019, 46, 99-106.	0.5	29
24	Functional and Proteomic Alterations of F1 Capacitated Spermatozoa of Adult Mice Following Gestational Exposure to Bisphenol A. Journal of Proteome Research, 2018, 17, 524-535.	1.8	27
25	Proteomic identification of cryostress in epididymal spermatozoa. Journal of Animal Science and Biotechnology, 2016, 7, 67.	2.1	26
26	Improving litter size by boar spermatozoa: application of combined H33258/CTC staining in field trial with artificial insemination. Andrology, 2015, 3, 552-557.	1.9	25
27	Comparison of markers predicting litter size in different pig breeds. Andrology, 2017, 5, 568-577.	1.9	21
28	Endocrine-Disrupting Chemicals and Infectious Diseases: From Endocrine Disruption to Immunosuppression. International Journal of Molecular Sciences, 2021, 22, 3939.	1.8	20
29	Actin-related protein 2/3 complex-based actin polymerization is critical for male fertility. Andrology, 2015, 3, 937-946.	1.9	19
30	2,3,7,8-Tetrachlorodibenzo-p-dioxin can alter the sex ratio of embryos with decreased viability of Y spermatozoa in mice. Reproductive Toxicology, 2018, 77, 130-136.	1.3	19
31	Applications of capacitation status for litter size enhancement in various pig breeds. Asian-Australasian Journal of Animal Sciences, 2018, 31, 842-850.	2.4	14
32	Effect of Aminopeptidase N on functions and fertility of mouse spermatozoa in vitro. Theriogenology, 2018, 118, 182-189.	0.9	13
33	Research update and opportunity of non-hormonal male contraception: Histone demethylase KDM5B-based targeting. Pharmacological Research, 2019, 141, 1-20.	3.1	12
34	Preovulatory Follicular and Subsequent Luteal Size Influence Pregnancy Success in Water Buffaloes. Journal of Reproduction and Development, 2012, 58, 219-222.	0.5	11
35	Paternal Exposure to Bisphenol-A Transgenerationally Impairs Testis Morphology, Germ Cell Associations, and Stemness Properties of Mouse Spermatogonial Stem Cells. International Journal of Molecular Sciences, 2020, 21, 5408.	1.8	10
36	Elevated aminopeptidase N affects sperm motility and early embryo development. PLoS ONE, 2017, 12, e0184294.	1.1	10

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37	Efficacy of four synchronization protocols on the estrus behavior and conception in native Korean cattle (Hanwoo). <i>Theriogenology</i> , 2013, 80, 855-861.	0.9	9
38	Capacitation and acrosome reaction differences of bovine, mouse and porcine spermatozoa in responsiveness to estrogenic compounds. <i>Journal of Animal Science and Technology</i> , 2014, 56, 26.	0.8	8
39	Determination of Highly Sensitive Biological Cell Model Systems to Screen BPA-Related Health Hazards Using Pathway Studio. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1909.	1.8	8
40	Low Sperm Motility Is Determined by Abnormal Protein Modification during Epididymal Maturation. <i>World Journal of Men's Health</i> , 2022, 40, 526.	1.7	6
41	Proteostasis and Neurodegeneration. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 154-178.	0.1	2