Elizabeth G Bromfield

List of Publications by Year
in descending order

47	1,310	304368 22	377514 34
papers	citations	h-index	g-index

50	50	50	1453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A stallion spermatozoonâ€™s journey through the mareâ€™s genital tract: In vivo and in vitro aspects of sperm capacitation. Animal Reproduction Science, 2022, 246, 106848.	0.5	6
2	High Resolution Proteomic Analysis of Subcellular Fractionated Boar Spermatozoa Provides Comprehensive Insights Into Perinuclear Theca-Residing Proteins. Frontiers in Cell and Developmental Biology, 2022, 10, 836208.	1.8	16
3	Roles of male reproductive tract extracellular vesicles in reproduction. American Journal of Reproductive Immunology, 2021, 85, e13338.	1.2	31
4	Post-testicular sperm maturation in the saltwater crocodile Crocodylus porosus: assessing the temporal acquisition of sperm motility. Reproduction, Fertility and Development, 2021, 33, 530.	0.1	7
5	Proteomic Dissection of the Impact of Environmental Exposures on Mouse Seminal Vesicle Function. Molecular and Cellular Proteomics, 2021, 20, 100107.	2.5	16
6	Gross and microanatomy of the male reproductive duct system of the saltwater crocodile. Reproduction, Fertility and Development, 2021, 33, 540-554.	0.1	6
7	The multiâ€scale architecture of mammalian sperm flagella and implications for ciliary motility. EMBO Journal, 2021, 40, e107410.	3.5	55
8	Proteostasis in the Male and Female Germline: A New Outlook on the Maintenance of Reproductive Health. Frontiers in Cell and Developmental Biology, 2021, 9, 660626.	1.8	11
9	A novel role for milk fat globuleâ€EGF factor 8 protein (MFGE8) in the mediation of mouse spermâ€“extracellular vesicle interactions. Proteomics, 2021, 21, e2000079.	1.3	9
10	The Impact of Aging on Macroautophagy in the Pre-ovulatory Mouse Oocyte. Frontiers in Cell and Developmental Biology, 2021, 9, 691826.	1.8	10
11	Timeâ€resolved proteomic profiling of cigarette smokeâ€induced experimental chronic obstructive pulmonary disease. Respirology, 2021, 26, 960-973.	1.3	22
12	Proteomic analysis of koala (phascolarctos cinereus) spermatozoa and prostatic bodies. Proteomics, 2021, 21, e2100067.	1.3	10
13	Transcriptomic analysis of the seminal vesicle response to the reproductive toxicant acrylamide. BMC Genomics, 2021, 22, 728.	1.2	7
14	Mechanistic Insight into the Regulation of Lipoxygenase-Driven Lipid Peroxidation Events in Human Spermatozoa and Their Impact on Male Fertility. Antioxidants, 2021, 10, 43.	2.2	7
15	In-cell structures of conserved supramolecular protein arrays at the mitochondriaâ€“cytoskeleton interface in mammalian sperm. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
16	Bicarbonate-Stimulated Membrane Reorganization in Stallion Spermatozoa. Frontiers in Cell and Developmental Biology, 2021, 9, 772254.	1.8	3
17	Developing a reproducible protocol for culturing functional confluent monolayers of differentiated equine oviduct epithelial cells. Biology of Reproduction, 2021, , .	1.2	1
18	Autophagy in Female Fertility: A Role in Oxidative Stress and Aging. Antioxidants and Redox Signaling, 2020, 32, 550-568.	2.5	67

#	Article	IF	Citations
19	Molecular insights into the divergence and diversity of post-testicular maturation strategies. Molecular and Cellular Endocrinology, 2020, 517, 110955.	1.6	16
20	New Horizons in Male Subfertility and Infertility. , 2020, , 15-27.		1
21	Male Infertility: Shining a Light on Lipids and Lipid-Modulating Enzymes in the Male Germline. Journal of Clinical Medicine, 2020, 9, 327.	1.0	20
22	Modification of Crocodile Spermatozoa Refutes the Tenet That Post-testicular Sperm Maturation Is Restricted To Mammals*. Molecular and Cellular Proteomics, 2019, 18, S58-S76.	2.5	30
23	Investigation into the presence and functional significance of proinsulin C-peptide in the female germlineâ€. Biology of Reproduction, 2019, 100, 1275-1289.	1.2	5
24	Differential cell death decisions in the testis: evidence for an exclusive window of ferroptosis in round spermatids. Molecular Human Reproduction, 2019, 25, 241-256.	1.3	38
25	A Kinase Anchor Protein 4 Is Vulnerable to Oxidative Adduction in Male Germ Cells. Frontiers in Cell and Developmental Biology, 2019, 7, 319.	1.8	29
26	Proteomic Profiling of Mouse Epididymosomes Reveals their Contributions to Post-testicular Sperm Maturation. Molecular and Cellular Proteomics, 2019, 18, S91-S108.	2.5	111
27	DNA damage and repair in the female germline: contributions to ART. Human Reproduction Update, 2019, 25, 180-201.	5.2	46
28	Fifty years of reproductive biology in Australia: highlights from the 50th Annual Meeting of the Society for Reproductive Biology (SRB). Reproduction, Fertility and Development, 2019, 31, 829.	0.1	0
29	Heat exposure induces oxidative stress and DNA damage in the male germ lineâ€. Biology of Reproduction, 2018, 98, 593-606.	1.2	91
30	Pharmacological inhibition of arachidonate 15-lipoxygenase protects human spermatozoa against oxidative stressâ€. Biology of Reproduction, 2018, 98, 784-794.	1.2	38
31	Oxidative damage in naturally aged mouse oocytes is exacerbated by dysregulation of proteasomal activity. Journal of Biological Chemistry, 2018, 293, 18944-18964.	1.6	33
32	Oxidative Stress in the Male Germline: A Review of Novel Strategies to Reduce 4-Hydroxynonenal Production. Antioxidants, 2018, 7, 132.	2.2	34
33	Double Strand Break DNA Repair occurs via Non-Homologous End-Joining in Mouse MII Oocytes. Scientific Reports, 2018, 8, 9685.	1.6	25
34	Sperm Capacitation. , 2018, , 272-278.		3
35	Proteolytic degradation of heat shock protein A2 occurs in response to oxidative stress in male germ cells of the mouse. Molecular Human Reproduction, 2017, 23, 91-105.	1.3	28
36	Inhibition of arachidonate 15-lipoxygenase prevents 4-hydroxynonenal-induced protein damage in male germ cellsâ€. Biology of Reproduction, 2017, 96, 598-609.	1.2	27

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37	Heat Shock Protein A2 (HSPA2): Regulatory Roles in Germ Cell Development and Sperm Function. Advances in Anatomy, Embryology and Cell Biology, 2017, 222, 67-93.	1.0	44
38	Biochemical alterations in the oocyte in support of early embryonic development. Cellular and Molecular Life Sciences, 2017, 74, 469-485.	2.4	16
39	Identification of a key role for permeability glycoprotein in enhancing the cellular defense mechanisms of fertilized oocytes. Developmental Biology, 2016, 417, 63-76.	0.9	15
40	Data on the concentrations of etoposide, PSC833, BAPTA-AM, and cycloheximide that do not compromise the vitality of mature mouse oocytes, parthenogenetically activated and fertilized embryos. Data in Brief, 2016, 8, 1215-1220.	0.5	4
41	Heat Shock Protein member A2 forms a stable complex with angiotensin converting enzyme and protein disulfide isomerase A6 in human spermatozoa. Molecular Human Reproduction, 2016, 22, 93-109.	1.3	35
42	Novel characterization of the HSPA2-stabilizing protein BAG6 in human spermatozoa. Molecular Human Reproduction, 2015, 21, 755-769.	1.3	42
43	The impact of oxidative stress on chaperone-mediated human spermâ€“egg interaction. Human Reproduction, 2015, 30, 2597-2613.	0.4	88
44	The role of the molecular chaperone heat shock protein A2 (HSPA2) in regulating human sperm-egg recognition. Asian Journal of Andrology, 2015, 17, 568.	0.8	59
45	Capacitation in the presence of methyl-Î²-cyclodextrin results in enhanced zona pellucida-binding ability of stallion spermatozoa. Reproduction, 2014, 147, 153-166.	1.1	46
46	The function of chaperone proteins in the assemblage of protein complexes involved in gamete adhesion and fusion processes. Reproduction, 2013, 145, R31-R42.	1.1	41
47	Investigation of the expression and functional significance of the novel mouse sperm protein, a disintegrin and metalloprotease with thrombospondin type 1 motifs number 10 (ADAMTS10). Journal of Developmental and Physical Disabilities, 2012, 35, 572-589.	3.6	31