Patricia A Martin-Deleon

List of Publications by Year
in descending order

65 papers	1,767 citations	201385 27 h-index	301761 39 g-index
65 all docs	65 docs citations	65 times ranked	1617 citing authors

#	Article	IF	Citations
1	PHB regulates meiotic recombination via JAK2-mediated histone modifications in spermatogenesis. Nucleic Acids Research, 2020, 48, 4780-4796.	6.5	23
2	Prohibitin (PHB) interacts with AKT in mitochondria to coordinately modulate sperm motility. Asian Journal of Andrology, 2020, 22, 583.	0.8	6
3	Detection of extracellular vesicles in the mouse vaginal fluid: Their delivery of sperm proteins that stimulate capacitation and modulate fertility. Journal of Cellular Physiology, 2019, 234, 12745-12756.	2.0	24
4	Oviductal extracellular vesicles (oviductosomes, OVS) are conserved in humans: murine OVS play a pivotal role in sperm capacitation and fertility. Molecular Human Reproduction, 2018, 24, 143-157.	1.3	48
5	Plasma membrane calcium ATPase 4 (PMCA4) coâ€ordinates calcium and nitric oxide signaling in regulating murine sperm functional activity. Journal of Cellular Physiology, 2018, 233, 11-22.	2.0	18
6	Murine Oviductosomes (OVS) microRNA profiling during the estrous cycle: Delivery of OVS-borne microRNAs to sperm where miR-34c-5p localizes at the centrosome. Scientific Reports, 2018, 8, 16094.	1.6	35
7	Junctional adhesion molecule A: expression in the murine epididymal tract and accessory organs and acquisition by maturing sperm. Molecular Human Reproduction, 2017, 23, 132-140.	1.3	6
8	Effectiveness of a walnut-enriched diet on murine sperm: involvement of reduced peroxidative damage. Heliyon, 2017, 3, e00250.	1.4	5
9	Prohibitin involvement in the generation of mitochondrial superoxide at complex I in human sperm. Journal of Cellular and Molecular Medicine, 2017, 21, 121-129.	1.6	45
10	Role of exosomes in the reproductive tract Oviductosomes mediate interactions of oviductal secretion with gametes early embryo. Frontiers in Bioscience - Landmark, 2016, 21, 1278-1285.	3.0	30
11	Uterosomes Exosomal cargo during the estrus cycle and interaction with sperm. Frontiers in Bioscience - Scholar, 2016, 8, 115-122.	0.8	22
12	The contribution of exosomes/microvesicles to the sperm proteome. Molecular Reproduction and Development, 2015, 82, 79-79.	1.0	2
13	Anatase titanium dioxide nanoparticles in mice: evidence for induced structural and functional sperm defects after short-, but not long-, term exposure. Asian Journal of Andrology, 2015, 17, 261.	0.8	31
14	Oviductosome-Sperm Membrane Interaction in Cargo Delivery. Journal of Biological Chemistry, 2015, 290, 17710-17723.	1.6	75
15	Plasma membrane Ca2+-ATPase 4: interaction with constitutive nitric oxide synthases in human sperm and prostasomes which carry Ca2+/CaM-dependent serine kinase. Molecular Human Reproduction, 2015, 21, 832-843.	1.3	30
16	Epididymosomes: transfer of fertility-modulating proteins to the sperm surface. Asian Journal of Andrology, 2015, 17, 720.	0.8	52
17	Hyaluronidase 2: A Novel Germ Cell Hyaluronidase with Epididymal Expression and Functional Roles in Mammalian Sperm1. Biology of Reproduction, 2014, 91, 109.	1.2	18
18	Ultrastructural changes and asthenozoospermia in murine spermatozoa lacking the ribosomal protein L29/HIP gene. Asian Journal of Andrology, 2014, 16, 925.	0.8	7

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19	Plasma Membrane Ca2+-ATPase 4 in Murine Epididymis: Secretion of Splice Variants in the Luminal Fluid and a Role in Sperm Maturation1. Biology of Reproduction, 2013, 89, 6.	1.2	33
20	Expression and Secretion of Plasma Membrane Ca2+-ATPase 4a (PMCA4a) during Murine Estrus: Association with Oviductal Exosomes and Uptake in Sperm. PLoS ONE, 2013, 8, e80181.	1.1	131
21	Does Prohibitin Expression Regulate Sperm Mitochondrial Membrane Potential, Sperm Motility, and Male Fertility?. Antioxidants and Redox Signaling, 2012, 17, 513-519.	2.5	38
22	CASK interacts with PMCA4b and JAMâ€A on the mouse sperm flagellum to regulate Ca²⁺ homeostasis and motility. Journal of Cellular Physiology, 2012, 227, 3138-3150.	2.0	27
23	Germ-cell hyaluronidases: their roles in sperm function. Journal of Developmental and Physical Disabilities, 2011, 34, e306-e318.	3.6	32
24	Acidic hyaluronidase activity is present in mouse sperm and is reduced in the absence of SPAM1: Evidence for a role for hyaluronidase 3 in mouse and human sperm. Molecular Reproduction and Development, 2010, 77, 759-772.	1.0	16
25	Clusterin Facilitates Exchange of Glycosyl Phosphatidylinositol-Linked SPAM1 Between Reproductive Luminal Fluids and Mouse and Human Sperm Membranes1. Biology of Reproduction, 2009, 81, 562-570.	1.2	39
26	Investigating the role of murine epididymosomes and uterosomes in GPIâ€linked protein transfer to sperm using SPAM1 as a model. Molecular Reproduction and Development, 2008, 75, 1627-1636.	1.0	77
27	JAM-A is present in mammalian spermatozoa where it is essential for normal motility. Developmental Biology, 2008, 313, 246-255.	0.9	49
28	Murine SPAM1 is secreted by the estrous uterus and oviduct in a form that can bind to sperm during capacitation: acquisition enhances hyaluronic acid-binding ability and cumulus dispersal efficiency. Reproduction, 2008, 135, 293-301.	1.1	42
29	Securing Our Place on the Map: Reprogramming the GPS in an Evolving Scientific Landscape.. Biology of Reproduction, 2008, 78, 130-130.	1.2	0
30	Expression of SPAM1 (PH-20) in the Murine Kidney Is Not Accompanied by Hyaluronidase Activity: Evidence for Potential Roles in Fluid and Water Reabsorption. Kidney and Blood Pressure Research, 2007, 30, 145-155.	0.9	6
31	Hyalp1 in Murine Sperm Function: Evidence for Unique and Overlapping Functions With Other Reproductive Hyaluronidases. Journal of Andrology, 2006, 28, 67-76.	2.0	17
32	Epididymal SPAM1 and its impact on sperm function. Molecular and Cellular Endocrinology, 2006, 250, 114-121.	1.6	76
33	MurineSpam1 mRNA: Involvement of AU-rich elements in the 3â€²UTR and antisense RNA in its tight post-transcriptional regulation in spermatids. Molecular Reproduction and Development, 2006, 73, 247-255.	1.0	6
34	Epididymal SPAM1 Is a Marker for Sperm Maturation in the Mouse1. Biology of Reproduction, 2006, 74, 923-930.	1.2	38
35	Sperm dysfunction in the Rb(6.16)- and Rb(6.15)-bearing mice revisited: Involvement ofHyalp1 andHyal5. Molecular Reproduction and Development, 2005, 72, 404-410.	1.0	21
36	Spam1-associated transmission ratio distortion in mice: elucidating the mechanism. Reproductive Biology and Endocrinology, 2005, 3, 32.	1.4	28

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37	Cytoplasmic localization during testicular biogenesis of the murine mRNA for Spam1 (PH-20), a protein involved in acrosomal exocytosis. Molecular Reproduction and Development, 2004, 69, 475-482.	1.0	20
38	Spam1 (PH-20) Expression in the Extratesticular Duct and Accessory Organs of the Mouse: A Possible Role in Sperm Fluid Reabsorption1. Biology of Reproduction, 2004, 71, 1101-1107.	1.2	18
39	Expression and secretion of rat SPAM1(2B1 or PH-20) in the epididymis: role of testicular lumicrine factors. Matrix Biology, 2004, 22, 653-661.	1.5	28
40	SPAM1 (PH-20) protein and mRNA expression in the epididymides of humans and macaques: utilizing laser microdissection/RT-PCR. Reproductive Biology and Endocrinology, 2003, 1, 54.	1.4	33
41	Mouse Spam1 (PH-20) Is a Multifunctional Protein: Evidence for Its Expression in the Female Reproductive Tract1. Biology of Reproduction, 2003, 69, 446-454.	1.2	52
42	Mouse epididymal Spam1 (pH-20) is released in the luminal fluid with its lipid anchor. Journal of Andrology, 2003, 24, 51-8.	2.0	38
43	Spam1 (PH-20) mutations and sperm dysfunction in mice with the Rb(6.16) or Rb(6.15) translocation. Mammalian Genome, 2001, 12, 822-829.	1.0	29
44	Mouse Epididymal Spam1 (PH-20) Is Released In Vivo and In Vitro, and Spam1 Is Differentially Regulated in Testis and Epididymis1. Biology of Reproduction, 2001, 65, 1586-1593.	1.2	34
45	Cloning, Expression, and Chromosome Mapping of the Murine Hip/Rpl29 Gene. Genomics, 2000, 68, 210-219.	1.3	12
46	Rabbit calcium-sensing receptor (CASR) gene: chromosome location and evidence for related genes. Cytogenetic and Genome Research, 1999, 86, 252-258.	0.6	2
47	Biochemical maturation of Spam1 (PH-20) during epididymal transit of mouse sperm involves modifications ofN-linked oligosaccharides. Molecular Reproduction and Development, 1999, 52, 196-206.	1.0	51
48	Characterization of the genomic structure of the murineSpam1 gene and its promoter: Evidence for transcriptional regulation by a cAMP-responsive element. Molecular Reproduction and Development, 1999, 54, 8-16.	1.0	21
49	An Immortalized, Type-1 Astrocyte of Mescencephalic Origin Source of a Dopaminergic Neurotrophic Factor. Journal of Molecular Neuroscience, 1998, 11, 209-222.	1.1	25
50	The murine Spam1 gene: RNA expression pattern and lower steady-state levels associated with the Rb(6.16) translocation. Molecular Reproduction and Development, 1997, 46, 252-257.	1.0	28
51	The Mouse Spam1 maps to proximal Chromosome 6 and is a candidate for the sperm dysfunction in Rb(6.16)24Lub and Rb(6.15)lAld heterozygotes. Mammalian Genome, 1997, 8, 94-97.	1.0	22
52	Mapping of the 75-kDa Inositol Polyphosphate-5-Phosphatase (Inpp5b) to Distal Mouse Chromosome 4 and Its Exclusion as a Candidate Gene for dysgenetic lens. Genomics, 1995, 28, 280-285.	1.3	12
53	Evidence for differential maturation of reciprocal sperm segregants in the murine RB(6.16) translocation heterozygote. Molecular Reproduction and Development, 1992, 32, 394-398.	1.0	9
54	Analysis of the chromosome complement in outbred mouse sperm fertilizing in vitro. Gamete Research, 1989, 22, 71-81.	1.7	9

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55	Segregation products of male mice doubly heterozygous for the RB(6.16) and RB(16.17) translocations: Influence of sperm karyotype on fertilizing competence under varying mating frequencies. Gamete Research, 1989, 22, 93-107.	1.7	19
56	Localization of the raf-1 protooncogene on chromosome 6 of the mouse. Cancer Genetics and Cytogenetics, 1989, 40, 89-94.	1.0	9
57	Second meiotic nondisjunction is not increased in postovulatory aged murine oocytes fertilized in vitro. In Vitro Cellular & Developmental Biology, 1988, 24, 133-137.	1.0	16
58	In situ localization of murinec-Ki-ras-2 oncogene: Preliminary evidence for conservation of telomeric territory of oncogenes?. Somatic Cell and Molecular Genetics, 1988, 14, 205-210.	0.7	6
59	BrDU-Giemsa labeling studies of satellite associations in parents of children with trisomy 21 or 13. American Journal of Medical Genetics Part A, 1987, 26, 971-981.	2.4	3
60	Sperm aging in the male after sexual rest: Contribution to chromosome anomalies. Gamete Research, 1985, 12, 151-163.	1.7	29
61	Support for random alignment of mitotic chromatids in associating nucleolus organizers. Human Genetics, 1982, 61, 27-30.	1.8	4
62	Sperm aging in the male and cytogenetic anomalies. An animal model. Human Genetics, 1982, 62, 70-77.	1.8	31
63	Comparison of N banding and silver staining of human NORs. Human Genetics, 1980, 54, 217-219.	1.8	6
64	Patterns of silver staining in cells of six-day blastocyst and kidney fibroblast of the domestic rabbit. Chromosoma, 1978, 67, 245-252.	1.0	13
65	Chromosome Abnormalities in Rabbit Blastocysts Resulting From Spermatozoa Aged in the Male Tract. Fertility and Sterility, 1973, 24, 212-219.	0.5	35