## Gail A Cornwall

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	New insights into epididymal biology and function. Human Reproduction Update, 2008, 15, 213-227.	10.8	457
2	A new subgroup of the family 2 cystatins. Molecular and Cellular Endocrinology, 2003, 200, 1-8.	3.2	73
3	The Cystatin-Related Epididymal Spermatogenic Protein Inhibits the Serine Protease Prohormone Convertase 2. Endocrinology, 2003, 144, 901-908.	2.8	66
4	The Effect of Sulfhdryl Oxidation on the Morphology of Immature Hamster Epididymal Spermatozoa Induced to Acquire Motility in Vitro1. Biology of Reproduction, 1988, 39, 141-155.	2.7	61
5	Functional Amyloids in the Mouse Sperm Acrosome. Molecular and Cellular Biology, 2014, 34, 2624-2634.	2.3	61
6	Transient appearance of CRES protein during spermatogenesis and caput epididymal sperm maturation. Molecular Reproduction and Development, 1995, 41, 37-46.	2.0	59
7	ADAM7, A Member of the ADAM (A Disintegrin And Metalloprotease) Gene Family Is Specifically Expressed in the Mouse Anterior Pituitary and Epididymis <sup>1</sup> . Endocrinology, 1997, 138, 4262-4272.	2.8	57
8	DNA Microarray Analysis of Region-Specific Gene Expression in the Mouse Epididymis1. Biology of Reproduction, 2004, 70, 448-457.	2.7	54
9	Role of Posttranslational Protein Modifications in Epididymal Sperm Maturation and Extracellular Quality Control. Advances in Experimental Medicine and Biology, 2014, 759, 159-180.	1.6	53
10	Evidence for the Presence of High-Mannose/Hybrid Oligosaccharide Chain(s) on the Mouse ZP2 and ZP31. Biology of Reproduction, 1992, 46, 93-100.	2.7	50
11	Isolation and Proteomic Characterization of the Mouse Sperm Acrosomal Matrix. Molecular and Cellular Proteomics, 2012, 11, 758-774.	3.8	49
12	Nonpathological Extracellular Amyloid Is Present during Normal Epididymal Sperm Maturation. PLoS ONE, 2012, 7, e36394.	2.5	48
13	Interactions of Labeled Epididymal Secretory Proteins with Spermatozoa after Injection of 35S-Methionine in the Mouse1. Biology of Reproduction, 1990, 43, 121-129.	2.7	47
14	Functional Amyloids in Reproduction. Biomolecules, 2017, 7, 46.	4.0	44
15	Gene Expression and Epididymal Function. , 2002, , 169-199.		44
16	Gene and Protein Expression in the Epididymis of Infertile c-ros Receptor Tyrosine Kinase-Deficient Mice1. Biology of Reproduction, 2003, 69, 1750-1762.	2.7	43
17	Induction and enhancement of progressive motility in hamster caput epididymal spermatozoa. Biology of Reproduction, 1986, 35, 1065-1074.	2.7	40
18	Immunolocalization of CRES (Cystatin-Related Epididymal Spermatogenic) Protein in the Acrosomes of Mouse Spermatozoa1. Biology of Reproduction, 1999, 60, 1542-1552.	2.7	40

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19	<i>Cres2</i> and <i>Cres3</i> : New Members of the Cystatin-Related Epididymal Spermatogenic Subgroup of Family 2 Cystatins. Endocrinology, 2003, 144, 909-915.	2.8	40
20	Alteration in the processing of the ACRBP/sp32 protein and sperm head/acrosome malformations in proprotein convertase 4 (PCSK4) null mice. Molecular Human Reproduction, 2012, 18, 298-307.	2.8	38
21	Amyloid Properties of the Mouse Egg Zona Pellucida. PLoS ONE, 2015, 10, e0129907.	2.5	35
22	Cystatin-Related Epididymal Spermatogenic Protein Colocalizes with Luteinizing Hormone-β Protein in Mouse Anterior Pituitary Gonadotropes*. Endocrinology, 1999, 140, 2721-2732.	2.8	33
23	Identification and Characterization of Cystatin-Related Epididymal Spermatogenic Protein in Human Spermatozoa: Localization in the Equatorial Segment1. Biology of Reproduction, 2002, 67, 795-803.	2.7	31
24	B-Myc, A Proximal Caput Epididymal Protein, Is Dependent on Androgens and Testicular Factors for Expression1. Biology of Reproduction, 2001, 64, 1600-1607.	2.7	27
25	Extracellular quality control in the epididymis. Asian Journal of Andrology, 2007, 9, 500-507.	1.6	26
26	Reduced Fertility In Vitro in Mice Lacking the Cystatin CRES (Cystatin-Related Epididymal) Tj ETQq0 0 0 rgBT /O Biology of Reproduction, 2011, 84, 140-152.	verlock 10 2.7	0 Tf 50 467 Td 25
27	The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3′,4′-tetrachlorobiphenyl, or cadmium. Teratology, 1984, 30, 341-349.	1.6	24
28	B-Myc is preferentially expressed in hormonally-controlled tissues and inhibits cellular proliferation. Oncogene, 2000, 19, 4886-4895.	5.9	24
29	Oligomerization and Transglutaminase Cross-linking of the Cystatin CRES in the Mouse Epididymal Lumen. Journal of Biological Chemistry, 2007, 282, 32912-32923.	3.4	24
30	Structure, alternative splicing and chromosomal localization of the cystatin-related epididymal spermatogenic gene. Biochemical Journal, 1999, 340, 85-93.	3.7	22
31	Alterations in the Testis and Epididymis Associated With Loss of Function of the Cystatin-Related Epididymal Spermatogenic (CRES) Protein. Journal of Andrology, 2011, 32, 444-463.	2.0	22
32	Cystatin-related epididymal spermatogenic subgroup members are part of an amyloid matrix and associated with extracellular vesicles in the mouse epididymal lumen. Molecular Human Reproduction, 2016, 22, 729-744.	2.8	22
33	Dynamic expression pattern and subcellular localization of the Rhox10 homeobox transcription factor during early germ cell development. Reproduction, 2012, 143, 611-624.	2.6	18
34	Fertility Defects in Mice Expressing the L68Q Variant of Human Cystatin C. Journal of Biological Chemistry, 2014, 289, 7718-7729.	3.4	18
35	Characterization of Epididymal Epithelial Cell-Specific Gene Promoters by In Vivo Electroporation1. Biology of Reproduction, 2004, 71, 613-619.	2.7	16
36	CCAAT/Enhancer Binding Protein Î <sup>2</sup> Regulates Expression of the Cystatin-Related Epididymal Spermatogenic (Cres) Gene1. Biology of Reproduction, 2001, 65, 1452-1461.	2.7	15

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37	Cystatin-Related Epididymal Spermatogenic Aggregates in the Epididymis. Journal of Andrology, 2011, 32, 679-685.	2.0	15
38	Sperm Maturation in the Epididymis. , 2007, , 211-231.		15
39	Structure, alternative splicing and chromosomal localization of the cystatin-related epididymal spermatogenic gene. Biochemical Journal, 1999, 340, 85.	3.7	10
40	The Functional Mammalian CRES (Cystatin-Related Epididymal Spermatogenic) Amyloid is Antiparallel β-Sheet Rich and Forms a Metastable Oligomer During Assembly. Scientific Reports, 2019, 9, 9210.	3.3	10
41	Cystatin-Related Epididymal Spermatogenic Protein Colocalizes with Luteinizing Hormone-Â Protein in Mouse Anterior Pituitary Gonadotropes. Endocrinology, 1999, 140, 2721-2732.	2.8	10
42	Age-dependent expression of the cystatin-related epididymal spermatogenic (Cres) gene in mouse testis and epididymis. Asian Journal of Andrology, 2007, 9, 305-311.	1.6	9
43	Maturation of the functional mouse CRES amyloid from globular form. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16363-16372.	7.1	7
44	Recapitulation of Germ Cell―and Pituitary‧pecific Expression With 1.6 kb of the Cystatinâ€Related Epididymal Spermatogenic ( <i>Cres</i> ) Gene Promoter in Transgenic Mice. Journal of Andrology, 2005, 26, 249-257.	2.0	6
45	Cross-seeding between the functional amyloidogenic CRES and CRES3 family members and their regulation of Al <sup>2</sup> assembly. Journal of Biological Chemistry, 2021, 296, 100250.	3.4	5
46	Differential Effects of GnRH and Androgens on Cres mRNA and Protein in Male Mouse Anterior Pituitary Gonadotropes. Journal of Andrology, 2006, 27, 802-815.	2.0	4
47	Epididymis: Sperm Maturation and Motility. , 2018, , 292-297.		1
48	Sperm Lacking Cystatin-Related Epididymal Spermatogenic Protein (CRES) Exhibit Impaired Capacitation Biology of Reproduction, 2008, 78, 167-167.	2.7	1
49	Ductus Epididymis. , 2003, , 41-60.		0