

Gail A Cornwall

List of Publications by Year in descending order

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49
papers

1,899
citations

257357

24
h-index

254106

43
g-index

50
all docs

50
docs citations

50
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into epididymal biology and function. <i>Human Reproduction Update</i> , 2008, 15, 213-227.	5.2	457
2	A new subgroup of the family 2 cystatins. <i>Molecular and Cellular Endocrinology</i> , 2003, 200, 1-8.	1.6	73
3	The Cystatin-Related Epididymal Spermatogenic Protein Inhibits the Serine Protease Prohormone Convertase 2. <i>Endocrinology</i> , 2003, 144, 901-908.	1.4	66
4	The Effect of Sulfhydryl Oxidation on the Morphology of Immature Hamster Epididymal Spermatozoa Induced to Acquire Motility in Vitro ¹ . <i>Biology of Reproduction</i> , 1988, 39, 141-155.	1.2	61
5	Functional Amyloids in the Mouse Sperm Acrosome. <i>Molecular and Cellular Biology</i> , 2014, 34, 2624-2634.	1.1	61
6	Transient appearance of CRES protein during spermatogenesis and caput epididymal sperm maturation. <i>Molecular Reproduction and Development</i> , 1995, 41, 37-46.	1.0	59
7	ADAM7, A Member of the ADAM (A Disintegrin And Metalloprotease) Gene Family Is Specifically Expressed in the Mouse Anterior Pituitary and Epididymis ¹ . <i>Endocrinology</i> , 1997, 138, 4262-4272.	1.4	57
8	DNA Microarray Analysis of Region-Specific Gene Expression in the Mouse Epididymis ¹ . <i>Biology of Reproduction</i> , 2004, 70, 448-457.	1.2	54
9	Role of Posttranslational Protein Modifications in Epididymal Sperm Maturation and Extracellular Quality Control. <i>Advances in Experimental Medicine and Biology</i> , 2014, 759, 159-180.	0.8	53
10	Evidence for the Presence of High-Mannose/Hybrid Oligosaccharide Chain(s) on the Mouse ZP2 and ZP31. <i>Biology of Reproduction</i> , 1992, 46, 93-100.	1.2	50
11	Isolation and Proteomic Characterization of the Mouse Sperm Acrosomal Matrix. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 758-774.	2.5	49
12	Nonpathological Extracellular Amyloid Is Present during Normal Epididymal Sperm Maturation. <i>PLoS ONE</i> , 2012, 7, e36394.	1.1	48
13	Interactions of Labeled Epididymal Secretory Proteins with Spermatozoa after Injection of ³⁵ S-Methionine in the Mouse ¹ . <i>Biology of Reproduction</i> , 1990, 43, 121-129.	1.2	47
14	Functional Amyloids in Reproduction. <i>Biomolecules</i> , 2017, 7, 46.	1.8	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 Mice ¹ . <i>Biology of Reproduction</i> , 2003, 69, 1750-1762.	1.2	43
17	Induction and enhancement of progressive motility in hamster caput epididymal spermatozoa. <i>Biology of Reproduction</i> , 1986, 35, 1065-1074.	1.2	40
18	Immunolocalization of CRES (Cystatin-Related Epididymal Spermatogenic) Protein in the Acrosomes of Mouse Spermatozoa ¹ . <i>Biology of Reproduction</i> , 1999, 60, 1542-1552.	1.2	40

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19	Cres2andCres3: New Members of the Cystatin-Related Epididymal Spermatogenic Subgroup of Family 2 Cystatins. <i>Endocrinology</i> , 2003, 144, 909-915.	1.4	40
20	Alteration in the processing of the ACRBP/sp32 protein and sperm head/acrosome malformations in proprotein convertase 4 (PCSK4) null mice. <i>Molecular Human Reproduction</i> , 2012, 18, 298-307.	1.3	38
21	Amyloid Properties of the Mouse Egg Zona Pellucida. <i>PLoS ONE</i> , 2015, 10, e0129907.	1.1	35
22	Cystatin-Related Epididymal Spermatogenic Protein Colocalizes with Luteinizing Hormone- β 2 Protein in Mouse Anterior Pituitary Gonadotropes*. <i>Endocrinology</i> , 1999, 140, 2721-2732.	1.4	33
23	Identification and Characterization of Cystatin-Related Epididymal Spermatogenic Protein in Human Spermatozoa: Localization in the Equatorial Segment1. <i>Biology of Reproduction</i> , 2002, 67, 795-803.	1.2	31
24	B-Myc, A Proximal Caput Epididymal Protein, Is Dependent on Androgens and Testicular Factors for Expression1. <i>Biology of Reproduction</i> , 2001, 64, 1600-1607.	1.2	27
25	Extracellular quality control in the epididymis. <i>Asian Journal of Andrology</i> , 2007, 9, 500-507.	0.8	26
26	Reduced Fertility In Vitro in Mice Lacking the Cystatin CRES (Cystatin-Related Epididymal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td Biology of Reproduction, 2011, 84, 140-152.	1.2	25
27	The relationship between prenatal lethality or fetal weight and intrauterine position in rats exposed to diethylstilbestrol, zeranol, 3,4,3â€²,4â€²-tetrachlorobiphenyl, or cadmium. <i>Teratology</i> , 1984, 30, 341-349.	1.7	24
28	B-Myc is preferentially expressed in hormonally-controlled tissues and inhibits cellular proliferation. <i>Oncogene</i> , 2000, 19, 4886-4895.	2.6	24
29	Oligomerization and Transglutaminase Cross-linking of the Cystatin CRES in the Mouse Epididymal Lumen. <i>Journal of Biological Chemistry</i> , 2007, 282, 32912-32923.	1.6	24
30	Structure, alternative splicing and chromosomal localization of the cystatin-related epididymal spermatogenic gene. <i>Biochemical Journal</i> , 1999, 340, 85-93.	1.7	22
31	Alterations in the Testis and Epididymis Associated With Loss of Function of the Cystatin-Related Epididymal Spermatogenic (CRES) Protein. <i>Journal of Andrology</i> , 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. <i>Molecular Human Reproduction</i> , 2016, 22, 729-744.	1.3	22
33	Dynamic expression pattern and subcellular localization of the Rhox10 homeobox transcription factor during early germ cell development. <i>Reproduction</i> , 2012, 143, 611-624.	1.1	18
34	Fertility Defects in Mice Expressing the L68Q Variant of Human Cystatin C. <i>Journal of Biological Chemistry</i> , 2014, 289, 7718-7729.	1.6	18
35	Characterization of Epididymal Epithelial Cell-Specific Gene Promoters by In Vivo Electroporation1. <i>Biology of Reproduction</i> , 2004, 71, 613-619.	1.2	16
36	CCAAT/Enhancer Binding Protein β 2 Regulates Expression of the Cystatin-Related Epididymal Spermatogenic (Cres) Gene1. <i>Biology of Reproduction</i> , 2001, 65, 1452-1461.	1.2	15

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37	Cystatin-Related Epididymal Spermatogenic Aggregates in the Epididymis. <i>Journal of Andrology</i> , 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. <i>Biochemical Journal</i> , 1999, 340, 85.	1.7	10
40	The Functional Mammalian CRES (Cystatin-Related Epididymal Spermatogenic) Amyloid is Antiparallel β -Sheet Rich and Forms a Metastable Oligomer During Assembly. <i>Scientific Reports</i> , 2019, 9, 9210.	1.6	10
41	Cystatin-Related Epididymal Spermatogenic Protein Colocalizes with Luteinizing Hormone- β Protein in Mouse Anterior Pituitary Gonadotropes. <i>Endocrinology</i> , 1999, 140, 2721-2732.	1.4	10
42	Age-dependent expression of the cystatin-related epididymal spermatogenic (Cres) gene in mouse testis and epididymis. <i>Asian Journal of Andrology</i> , 2007, 9, 305-311.	0.8	9
43	Maturation of the functional mouse CRES amyloid from globular form. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16363-16372.	3.3	7
44	Recapitulation of Germ Cell- and Pituitary- Specific Expression With 1.6 kb of the Cystatin-Related Epididymal Spermatogenic (<i>Cres</i>) Gene Promoter in Transgenic Mice. <i>Journal of Andrology</i> , 2005, 26, 249-257.	2.0	6
45	Cross-seeding between the functional amyloidogenic CRES and CRES3 family members and their regulation of β assembly. <i>Journal of Biological Chemistry</i> , 2021, 296, 100250.	1.6	5
46	Differential Effects of GnRH and Androgens on Cres mRNA and Protein in Male Mouse Anterior Pituitary Gonadotropes. <i>Journal of Andrology</i> , 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.. <i>Biology of Reproduction</i> , 2008, 78, 167-167.	1.2	1
49	Ductus Epididymis. , 2003, , 41-60.		0