

Katherine G Hamil

List of Publications by Year in descending order

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33
papers

1,528
citations

304743

22
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1174
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning and sequencing of human Eppin: A novel family of protease inhibitors expressed in the epididymis and testis. <i>Gene</i> , 2001, 270, 93-102.	2.2	115
2	Dehydroepiandrosterone Activates Mutant Androgen Receptors Expressed in the Androgen-Dependent Human Prostate Cancer Xenograft CWR22 and LNCaP Cells. <i>Molecular Endocrinology</i> , 1997, 11, 450-459.	3.7	113
3	The Androgen-Regulated Epididymal Sperm-Binding Protein, Human β -Defensin 118 (DEFB118) (Formerly) Tj ETQq1.1. <i>Journal of Biological Chemistry</i> , 2003, 278, 10814-10821.	2.8	108
4	HE2 β and HE2 γ , New Members of an Epididymis-Specific Family of Androgen-Regulated Proteins in the Human Epididymis. <i>Endocrinology</i> , 2000, 141, 1245-1253.	2.8	87
5	Protein Inhibitor of Activated STAT-1 (Signal Transducer and Activator of Transcription-1) Is a Nuclear Receptor Coregulator Expressed in Human Testis. <i>Molecular Endocrinology</i> , 2000, 14, 14-26.	3.7	82
6	Antibacterial properties of the sperm-binding proteins and peptides of human epididymis 2 (HE2) family; salt sensitivity, structural dependence and their interaction with outer and cytoplasmic membranes of <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 2003, 372, 473-483.	3.7	75
7	Protein Inhibitors of Activated STAT Resemble Scaffold Attachment Factors and Function as Interacting Nuclear Receptor Coregulators. <i>Journal of Biological Chemistry</i> , 2002, 277, 16993-17001.	3.4	64
8	Host defense proteins of the male reproductive tract. <i>Journal of Andrology</i> , 2002, 23, 585-97.	2.0	64
9	Primate Epididymis-Specific Proteins: Characterization of ESC42, a Novel Protein Containing a Trefoil-Like Motif in Monkey and Human. <i>Endocrinology</i> , 2001, 142, 4529-4539.	2.8	63
10	Cystatin 11: A New Member of the Cystatin Type 2 Family. <i>Endocrinology</i> , 2002, 143, 2787-2796.	2.8	63
11	Antimicrobial actions of the human epididymis 2 (HE2) protein isoforms, HE2 α , HE2 β 1 and HE2 β 2. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 61.	3.3	59
12	Semen amyloids participate in spermatozoa selection and clearance. <i>ELife</i> , 2017, 6, .	6.0	59
13	Non-hormonal male contraception: A review and development of an Eppin based contraceptive. <i>Contraception</i> , 2016, 93, 105-111.		51
14	Identification, characterization, and evolution of a primate β -defensin gene cluster. <i>Genes and Immunity</i> , 2005, 6, 203-210.	4.1	47
15	Characterization of mouse Eppin and a gene cluster of similar protease inhibitors on mouse chromosome 2. <i>Gene</i> , 2003, 312, 125-134.	2.2	43
16	LCN6, a novel human epididymal lipocalin. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 112.	3.3	42
17	Differential Expression and Antibacterial Activity of Epididymis Protein 2 Isoforms in the Male Reproductive Tract of Human and Rhesus Monkey (<i>Macaca mulatta</i>). <i>Biology of Reproduction</i> , 2004, 71, 1453-1460.	2.7	38
18	Inhibition of sperm motility in male macaques with EP055, a potential non-hormonal male contraceptive. <i>PLoS ONE</i> , 2018, 13, e0195953.	2.5	35

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19	Follicle-stimulating hormone regulation of AP-1: inhibition of c-jun and stimulation of jun-B gene transcription in the rat Sertoli cell. <i>Molecular and Cellular Endocrinology</i> , 1994, 99, 269-277.	3.2	33
20	Epididymal Protein Targets: A Brief History of the Development of Epididymal Protease Inhibitor as a Contraceptive. <i>Journal of Andrology</i> , 2011, 32, 698-704.	2.0	32
21	Protein Inhibitor of Activated STAT-1 (Signal Transducer and Activator of Transcription-1) Is a Nuclear Receptor Coregulator Expressed in Human Testis. <i>Molecular Endocrinology</i> , 2000, 14, 14-26.	3.7	31
22	Antimicrobial Actions of Human and Macaque Sperm Associated Antigen (SPAG) 11 Isoforms: influence of the N-terminal peptide. <i>Molecular and Cellular Biochemistry</i> , 2006, 284, 25-37.	3.1	29
23	HE2 ^Δ and HE2 ^Δ , New Members of an Epididymis-Specific Family of Androgen-Regulated Proteins in the Human. <i>Endocrinology</i> , 2000, 141, 1245-1253.	2.8	28
24	Identification, cloning and functional characterization of novel sperm associated antigen 11 (SPAG11) isoforms in the rat. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 23.	3.3	21
25	Therapeutic ultrasound as a potential male contraceptive: power, frequency and temperature required to deplete rat testes of meiotic cells and epididymides of sperm determined using a commercially available system. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 7.	3.3	21
26	Primate Epididymis-Specific Proteins: Characterization of ESC42, a Novel Protein Containing a Trefoil-Like Motif in Monkey and Human. <i>Endocrinology</i> , 2001, 142, 4529-4539.	2.8	20
27	Functional studies of eppin. <i>Biochemical Society Transactions</i> , 2011, 39, 1447-1449.	3.4	19
28	Interacting Proteins on Human Spermatozoa: Adaptive Evolution of the Binding of Semenogelin I to EPPIN. <i>PLoS ONE</i> , 2013, 8, e82014.	2.5	19
29	Novel Partners of SPAG11B Isoform D in the Human Male Reproductive Tract ¹ . <i>Biology of Reproduction</i> , 2009, 81, 647-656.	2.7	17
30	Novel Aspects of the Sperm-Associated Antigen 11 (SPAG11) Gene Organization and Expression in Cattle (<i>Bos taurus</i>) ¹ . <i>Biology of Reproduction</i> , 2007, 76, 1103-1116.	2.7	16
31	Characterization of EPPIN's Semenogelin I Binding Site: A Contraceptive Drug Target ¹ . <i>Biology of Reproduction</i> , 2012, 87, 56.	2.7	15
32	Cystatin 11: A New Member of the Cystatin Type 2 Family. <i>Endocrinology</i> , 2002, 143, 2787-2796.	2.8	14
33	Stage-specific expression of B cell translocation gene 1 in rat testis. <i>Endocrinology</i> , 1995, 136, 5769-5777.	2.8	5