

# Suresh Yenugu

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,179  
citations

361296

20  
h-index

395590

33  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1160  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Androgen-Regulated Epididymal Sperm-Binding Protein, Human $\beta$ -Defensin 118 (DEFB118) (Formerly) Tj ETQq1.1	0.784314	108
2	Antimicrobial Activity of Human EPPIN, an Androgen-Regulated, Sperm-Bound Protein with a Whey Acidic Protein Motif. <i>Biology of Reproduction</i> , 2004, 71, 1484-1490.	1.2	101
3	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.	1.7	75
4	Cystatin 11: A New Member of the Cystatin Type 2 Family. <i>Endocrinology</i> , 2002, 143, 2787-2796.	1.4	63
5	Mechanism of antibacterial action of the alcoholic extracts of <i>Hemidesmus indicus</i> (L.) R. Br. ex Schult, <i>Leucas aspera</i> (Wild.), <i>Plumbago zeylanica</i> L., and <i>Tridax procumbens</i> (L.) R. Br. ex Schult. <i>Frontiers in Microbiology</i> , 2015, 6, 577.	1.5	62
6	Antimicrobial actions of the human epididymis 2 (HE2) protein isoforms, HE2alpha, HE2beta1 and HE2beta2. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 61.	1.4	59
7	Characterization and functions of beta defensins in the epididymis. <i>Asian Journal of Andrology</i> , 2007, 9, 453-462.	0.8	56
8	Pyrethroid based pesticides – chemical and biological aspects. <i>Critical Reviews in Toxicology</i> , 2021, 51, 1-24.	1.9	49
9	LCN6, a novel human epididymal lipocalin. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 112.	1.4	42
10	Coiled-Coil Domain-Containing (CCDC) Proteins: Functional Roles in General and Male Reproductive Physiology. <i>Reproductive Sciences</i> , 2021, 28, 2725-2734.	1.1	40
11	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.	1.2	38
12	Allethrin induces oxidative stress, apoptosis and calcium release in rat testicular carcinoma cells (LC540). <i>Toxicology in Vitro</i> , 2014, 28, 1386-1395.	1.1	30
13	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.	1.4	29
14	Identification, cloning and functional characterization of novel beta-defensins in the rat ( <i>Rattus</i> ) Tj ETQq0.0.0	1.4	28
15	Effect of continuous inhalation of allethrin-based mosquito coil smoke in the male reproductive tract of rats. <i>Inhalation Toxicology</i> , 2012, 24, 143-152.	0.8	28
16	Allethrin toxicity causes reproductive dysfunction in male rats. <i>Environmental Toxicology</i> , 2017, 32, 1701-1710.	2.1	26
17	The human male reproductive tract antimicrobial peptides of the HE2 family exhibit potent synergy with standard antibiotics. <i>Journal of Peptide Science</i> , 2010, 16, 337-341.	0.8	24
18	Antimicrobial Responses in the Male Reproductive Tract of Lipopolysaccharide Challenged Rats. <i>American Journal of Reproductive Immunology</i> , 2011, 65, 557-568.	1.2	23

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19	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.	1.4	21
20	Regulation and functional impact of lipopolysaccharide induced Nod2 gene expression in the murine epididymal epithelial cell line PC1. <i>Immunology</i> , 2008, 124, 256-264.	2.0	21
21	Effect of oral administration of a mixture of pyrethroids at doses relevant to human exposure on the general and male reproductive physiology in the rat. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111714.	2.9	20
22	Long term oral administration of a mixture of pyrethroids affects reproductive function in rats. <i>Reproductive Toxicology</i> , 2019, 89, 1-12.	1.3	19
23	Allethrin induced toxicity in the male reproductive tract of rats contributes to disruption in the transcription of genes involved in germ cell production. <i>Environmental Toxicology</i> , 2013, 29, n/a-n/a.	2.1	17
24	Uropathogenic <i>Escherichia coli</i> (<sc>UPEC</sc>) induced antimicrobial gene expression in the male reproductive tract of rat: evaluation of the potential of Defensin 21 to limit infection. <i>Andrology</i> , 2015, 3, 368-375.	1.9	17
25	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.	1.2	16
26	Characterization of a Novel Lysozyme-Like 4 Gene in the Rat. <i>PLoS ONE</i> , 2011, 6, e27659.	1.1	14
27	Lipopolysaccharide induces epididymal and testicular antimicrobial gene expression in vitro: insights into the epigenetic regulation of sperm-associated antigen 11e gene. <i>Immunogenetics</i> , 2013, 65, 239-253.	1.2	13
28	Effect of immunization against prostate- and testis-expressed (PATE) proteins on sperm function and fecundity in the rat. <i>Journal of Reproductive Immunology</i> , 2015, 110, 117-129.	0.8	13
29	Exposure to allethrin-based mosquito coil smoke during gestation and postnatal development affects reproductive function in male offspring of rat. <i>Inhalation Toxicology</i> , 2017, 29, 374-385.	0.8	13
30	In Silico and Biochemical Characterization of Lysozyme-Like Proteins in the Rat. <i>PLoS ONE</i> , 2016, 11, e0161909.	1.1	13
31	Genomic Organization, Tissue Distribution and Functional Characterization of the Rat Pate Gene Cluster. <i>PLoS ONE</i> , 2012, 7, e32633.	1.1	12
32	ORIGINAL ARTICLE: Identification of Tollâ€Like Receptors in the Rat ( <i>Rattus norvegicus</i> ): Messenger RNA Expression in the Male Reproductive Tract Under Conditions of Androgen Variation. <i>American Journal of Reproductive Immunology</i> , 2009, 62, 243-252.	1.2	9
33	Identification and characterization of <i>Wfdc</i> gene expression in the male reproductive tract of the rat. <i>Molecular Reproduction and Development</i> , 2011, 78, 633-641.	1.0	9
34	Immunization against lysozyme-like proteins affect sperm function and fertility in the rat. <i>Journal of Reproductive Immunology</i> , 2016, 118, 100-108.	0.8	8
35	Lytic Bacteriophages Against Bacterial Biofilms Formed by Multidrug-Resistant <i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , and <i>Staphylococcus aureus</i> Isolated from Burn Wounds. <i>Phage</i> , 2021, 2, 120-130.	0.8	7
36	sh<sc>RNA</sc> mediated ablation of prostate and testis expressed ( <i>Pate</i> ) messenger <sc>RNA</sc> results in impaired sperm function and fertility. <i>Andrology</i> , 2017, 5, 541-547.	1.9	6

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37	Uroplakin expression in the male reproductive tract of rat. <i>General and Comparative Endocrinology</i> , 2019, 281, 153-163.	0.8	6
38	Evaluation of the reproductive toxicity of antiretroviral drug loaded lactoferrin nanoparticles. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 205-213.	1.0	6
39	Effect of long-term treatment with a mixture of pyrethroids on the expression of genes that govern male germ cell production in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22654.	1.4	6
40	Transcriptional regulation of the rat sperm-associated antigen 11e (Spag 11e) gene during endotoxin challenge. <i>Molecular Genetics and Genomics</i> , 2014, 289, 837-845.	1.0	5
41	Molecular modeling of the human sperm associated antigen 11 B (SPAG11B) proteins. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 78-88.	1.0	5
42	Tlr13, Nod1/2 and antimicrobial gene expression in the epididymis and testis of rats with alloxan-induced diabetes. <i>Andrologia</i> , 2019, 51, e13437.	1.0	5
43	Male reproductive tract antimicrobial expression in the extremes of ages of rats. <i>Gene</i> , 2019, 710, 218-232.	1.0	4
44	Transgenerational effects on the fecundity and sperm proteome in rats exposed to a mixture of pyrethroids at doses similar to human consumption. <i>Chemosphere</i> , 2022, 290, 133242.	4.2	4
45	Characterization of isolated rat caput epididymal primary epithelial cells: A molecular biology approach. <i>Theriogenology</i> , 2019, 135, 13-18.	0.9	3
46	siRNA-mediated knockdown of sperm-associated antigen 11a (Spag11a) mRNA in epididymal primary epithelial cells affects proliferation: a transcriptome analyses. <i>Cell and Tissue Research</i> , 2020, 379, 601-612.	1.5	3
47	Transgenesis and active immunization mediated reduction of sperm associated antigen 11A mRNA and protein levels affect fecundity in the rat. <i>Theriogenology</i> , 2020, 157, 517-524.	0.9	1
48	Ablation of the sperm-associated antigen 11A (SPAG11A) protein by active immunization promotes epididymal oncogenesis in the rat. <i>Cell and Tissue Research</i> , 2022, , .	1.5	1
49	The new National Education Policy (NEP) of India: will it be a paradigm shift in Indian higher education?. <i>Perspectives: Policy and Practice in Higher Education</i> , 2022, 26, 121-129.	0.5	1
50	Editorial for IC-FCEN 2014. <i>General and Comparative Endocrinology</i> , 2016, 239, 1-3.	0.8	0
51	Effect of a mixture of pyrethroids at doses similar to human exposure through food in the Indian context. <i>Journal of Biochemical and Molecular Toxicology</i> , 0, , .	1.4	0