Jinjiang Fan

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	3,156 citations	201674 27 h-index	206112 48 g-index
50 all docs	50 docs citations	50 times ranked	4449 citing authors

#	Article	IF	Citations
1	Genome-wide expression analysis of a new class of lncRNAs driven by SINE B2. Gene, 2021, 768, 145332.	2.2	2
2	Cholesterol-binding translocator protein TSPO regulates steatosis and bile acid synthesis in nonalcoholic fatty liver disease. IScience, 2021, 24, 102457.	4.1	18
3	Mitochondrial TSPO Deficiency Triggers Retrograde Signaling in MA-10 Mouse Tumor Leydig Cells. International Journal of Molecular Sciences, 2021, 22, 252.	4.1	8
4	Endozepines and their receptors: Structure, functions and pathophysiological significance. , 2020, 208, 107386.		43
5	Amhr2-Creâ€“Mediated Global Tspo Knockout. Journal of the Endocrine Society, 2020, 4, bvaa001.	0.2	14
6	Nr5a1-Cre-mediated Tspo conditional knockout mice with low growth rate and prediabetes symptoms â€“ A mouse model of stress diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 56-62.	3.8	6
7	CRISPR/Cas9â€'Mediated Tspo Gene Mutations Lead to Reduced Mitochondrial Membrane Potential and Steroid Formation in MA-10 Mouse Tumor Leydig Cells. Endocrinology, 2018, 159, 1130-1146.	2.8	42
8	Response to Letter to the Editor: â€œDubious Conclusions on TSPO Functionâ€• Endocrinology, 2018, 159, 2530-2531.	2.8	3
9	TSPO mutations in rats and a human polymorphism impair the rate of steroid synthesis. Biochemical Journal, 2017, 474, 3985-3999.	3.7	80
10	ACBD2/ECI2-Mediated Peroxisome-Mitochondria Interactions in Leydig Cell Steroid Biosynthesis. Molecular Endocrinology, 2016, 30, 763-782.	3.7	73
11	Evolution and function of mammalian binder of sperm proteins. Cell and Tissue Research, 2016, 363, 105-127.	2.9	68
12	Sterol Carrier Protein-2, a Nonspecific Lipid-Transfer Protein, in Intracellular Cholesterol Trafficking in Testicular Leydig Cells. PLoS ONE, 2016, 11, e0149728.	2.5	17
13	Conditional steroidogenic cell-targeted deletion of TSPO unveils a crucial role in viability and hormone-dependent steroid formation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7261-7266.	7.1	115
14	Mitochondria-Associated Membrane Formation in Hormone-Stimulated Leydig Cell Steroidogenesis: Role of ATAD3. Endocrinology, 2015, 156, 334-345.	2.8	111
15	Translocator protein-mediated pharmacology of cholesterol transport and steroidogenesis. Molecular and Cellular Endocrinology, 2015, 408, 90-98.	3.2	103
16	Induction of Androgen Formation in the Male by a TAT-VDAC1 Fusion Peptide Blocking 14-3-3É› Protein Adaptor and Mitochondrial VDAC1 Interactions. Molecular Therapy, 2014, 22, 1779-1791.	8.2	37
17	Murine Binder of SPerm Homolog 2 (BSPH2): The Black Sheep of the BSP Superfamily1. Biology of Reproduction, 2014, 90, 20.	2.7	10
18	Steroidogenesis in MA-10 Mouse Leydig Cells Is Altered via Fatty Acid Import into the Mitochondria1. Biology of Reproduction, 2014, 91, 96.	2.7	11

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19	Functional variants of human APE1 rescue the DNA repair defects of the yeast AP endonuclease/3â€²-diesterase-deficient strain. DNA Repair, 2014, 22, 53-66.	2.8	5
20	Aging and Luteinizing Hormone Effects on Reactive Oxygen Species Production and DNA Damage in Rat Leydig Cells1. Biology of Reproduction, 2013, 88, 100.	2.7	48
21	Evolutionary Origin of the Mitochondrial Cholesterol Transport Machinery Reveals a Universal Mechanism of Steroid Hormone Biosynthesis in Animals. PLoS ONE, 2013, 8, e76701.	2.5	38
22	Transcriptional Regulation of Translocator Protein (Tspo) via a SINE B2-Mediated Natural Antisense Transcript in MA-10 Leydig Cells1. Biology of Reproduction, 2012, 86, 147, 1-15.	2.7	15
23	Translocator protein (Tspo) gene promoter-driven green fluorescent protein synthesis in transgenic mice: an in vivo model to study Tspo transcription. Cell and Tissue Research, 2012, 350, 261-275.	2.9	24
24	Identification of a Dynamic Mitochondrial Protein Complex Driving Cholesterol Import, Trafficking, and Metabolism to Steroid Hormones. Molecular Endocrinology, 2012, 26, 1868-1882.	3.7	211
25	Hormone-Dependent Expression of a Steroidogenic Acute Regulatory Protein Natural Antisense Transcript in MA-10 Mouse Tumor Leydig Cells. PLoS ONE, 2011, 6, e22822.	2.5	16
26	Stem Leydig Cell Differentiation: Gene Expression During Development of the Adult Rat Population of Leydig Cells1. Biology of Reproduction, 2011, 85, 1161-1166.	2.7	61
27	Translocator protein (18 kDa) (TSPO) as a therapeutic target for neurological and psychiatric disorders. Nature Reviews Drug Discovery, 2010, 9, 971-988.	46.4	774
28	Molecular Mechanisms Mediating the Effect of Mono-(2-Ethylhexyl) Phthalate on Hormone-Stimulated Steroidogenesis in MA-10 Mouse Tumor Leydig Cells. Endocrinology, 2010, 151, 3348-3362.	2.8	78
29	Acyl-coenzyme A binding domain containing 3 (ACBD3; PAP7; GCP60): An emerging signaling molecule. Progress in Lipid Research, 2010, 49, 218-234.	11.6	115
30	New Nomenclature for Mammalian BSP Genes1. Biology of Reproduction, 2009, 80, 394-397.	2.7	80
31	Translocator Protein 2 Is Involved in Cholesterol Redistribution during Erythropoiesis. Journal of Biological Chemistry, 2009, 284, 30484-30497.	3.4	70
32	Cholesterol transport in steroid biosynthesis: Role of proteinâ€“protein interactions and implications in disease states. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 646-658.	2.4	294
33	A serine/threonine protein phosphatase-like protein, CaPTC8, from Candida albicans defines a new PPM subfamily. Gene, 2009, 430, 64-76.	2.2	13
34	Lysophospholipase from the human blood fluke, Schistosoma japonicum. International Journal of Infectious Diseases, 2008, 12, 143-151.	3.3	6
35	Genomic structure and tissue-specific expression of human and mouse genes encoding homologues of the major bovine seminal plasma proteins. Molecular Human Reproduction, 2007, 13, 45-53.	2.8	32
36	Seminal plasma proteins: functions and interaction with protective agents during semen preservation. Society of Reproduction and Fertility Supplement, 2007, 65, 217-28.	0.2	22

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37	Functional dissection of human protease Î¼-calpain in cell migration using RNAi. FEBS Letters, 2006, 580, 3246-3256.	2.8	13
38	Bovine seminal plasma proteins and their relatives: A new expanding superfamily in mammals. Gene, 2006, 375, 63-74.	2.2	58
39	Recombinant tegumental protein Shistosoma japonicum very lowdensity lipoprotein binding protein as a vaccine candidate against Schistosoma japonicum. Memorias Do Instituto Oswaldo Cruz, 2006, 101, 9-13.	1.6	9
40	Disruption of a gene encoding glycerol 3-phosphatase fromCandida albicansimpairs intracellular glycerol accumulation-mediated salt-tolerance. FEMS Microbiology Letters, 2005, 245, 107-116.	1.8	30
41	Genomic organization and expression of 23 new genes from MATÎ± locus of Cryptococcus neoformans var. gattii. Biochemical and Biophysical Research Communications, 2004, 326, 233-241.	2.1	12
42	A Schistosoma japonicum very low-density lipoprotein-binding protein. International Journal of Biochemistry and Cell Biology, 2003, 35, 1436-1451.	2.8	29
43	Molecular Genetic Analyses of Mating Pheromones Reveal Intervariety Mating or Hybridization in Cryptococcus neoformans. Infection and Immunity, 2002, 70, 5225-5235.	2.2	46
44	Identification and Phylogenetic Analysis of a Glucose Transporter Gene Family from the Human Pathogenic Yeast Candida albicans. Journal of Molecular Evolution, 2002, 55, 336-346.	1.8	100
45	Direct PCR of Cryptococcus neoformans MAT Î± and MAT a Pheromones To Determine Mating Type, Ploidy, and Variety: a Tool for Epidemiological and Molecular Pathogenesis Studies. Journal of Clinical Microbiology, 2000, 38, 2007-2009.	3.9	74
46	Characterisation of a family of Schistosoma japonicum proteins related to dynein light chains. BBA - Proteins and Proteomics, 1999, 1432, 13-26.	2.1	15
47	Cathepsin C from Schistosoma japonicum . cDNA encoding the preproenzyme and its phylogenetic relationships. FEBS Journal, 1998, 255, 527-534.	0.2	37
48	Characterization of cDNAs encoding a new family of tetraspanins from schistosomesâ€"the Sj25 family. Gene, 1998, 219, 1-8.	2.2	15
49	Generation, Identification, and Evaluation of Expressed Sequence Tags from Different Developmental Stages of the Asian Blood FlukeSchistosoma japonicum. Biochemical and Biophysical Research Communications, 1998, 252, 348-356.	2.1	42
50	A new member of the transmembrane 4 superfamily (TM4SF) of proteins from schistosomes, expressed by larval and adult Schistosoma japonicum1Sequences described here have been deposited in the GenBank with accession numbers U77941 (adult protein) and AA185728 (miracidial protein).1. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1329, 18-25.	2.6	13