

Jinjiang Fan

List of Publications by Year in descending order

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50
papers

3,156
citations

201674

27
h-index

206112

48
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50
all docs

50
docs citations

50
times ranked

4449
citing authors

#	ARTICLE	IF	CITATIONS
1	Translocator protein (18 kDa) (TSPO) as a therapeutic target for neurological and psychiatric disorders. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 971-988.	46.4	774
2	Cholesterol transport in steroid biosynthesis: Role of protein-protein interactions and implications in disease states. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 646-658.	2.4	294
3	Identification of a Dynamic Mitochondrial Protein Complex Driving Cholesterol Import, Trafficking, and Metabolism to Steroid Hormones. <i>Molecular Endocrinology</i> , 2012, 26, 1868-1882.	3.7	211
4	Acyl-coenzyme A binding domain containing 3 (ACBD3; PAP7; GCP60): An emerging signaling molecule. <i>Progress in Lipid Research</i> , 2010, 49, 218-234.	11.6	115
5	Conditional steroidogenic cell-targeted deletion of TSPO unveils a crucial role in viability and hormone-dependent steroid formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7261-7266.	7.1	115
6	Mitochondria-Associated Membrane Formation in Hormone-Stimulated Leydig Cell Steroidogenesis: Role of ATAD3. <i>Endocrinology</i> , 2015, 156, 334-345.	2.8	111
7	Translocator protein-mediated pharmacology of cholesterol transport and steroidogenesis. <i>Molecular and Cellular Endocrinology</i> , 2015, 408, 90-98.	3.2	103
8	Identification and Phylogenetic Analysis of a Glucose Transporter Gene Family from the Human Pathogenic Yeast <i>Candida albicans</i> . <i>Journal of Molecular Evolution</i> , 2002, 55, 336-346.	1.8	100
9	New Nomenclature for Mammalian BSP Genes1. <i>Biology of Reproduction</i> , 2009, 80, 394-397.	2.7	80
10	TSPO mutations in rats and a human polymorphism impair the rate of steroid synthesis. <i>Biochemical Journal</i> , 2017, 474, 3985-3999.	3.7	80
11	Molecular Mechanisms Mediating the Effect of Mono-(2-Ethylhexyl) Phthalate on Hormone-Stimulated Steroidogenesis in MA-10 Mouse Tumor Leydig Cells. <i>Endocrinology</i> , 2010, 151, 3348-3362.	2.8	78
12	Direct PCR of <i>Cryptococcus neoformans</i> MAT ⁺ and MAT ⁻ Pheromones To Determine Mating Type, Ploidy, and Variety: a Tool for Epidemiological and Molecular Pathogenesis Studies. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2007-2009.	3.9	74
13	ACBD2/ECI2-Mediated Peroxisome-Mitochondria Interactions in Leydig Cell Steroid Biosynthesis. <i>Molecular Endocrinology</i> , 2016, 30, 763-782.	3.7	73
14	Translocator Protein 2 Is Involved in Cholesterol Redistribution during Erythropoiesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 30484-30497.	3.4	70
15	Evolution and function of mammalian binder of sperm proteins. <i>Cell and Tissue Research</i> , 2016, 363, 105-127.	2.9	68
16	Stem Leydig Cell Differentiation: Gene Expression During Development of the Adult Rat Population of Leydig Cells1. <i>Biology of Reproduction</i> , 2011, 85, 1161-1166.	2.7	61
17	Bovine seminal plasma proteins and their relatives: A new expanding superfamily in mammals. <i>Gene</i> , 2006, 375, 63-74.	2.2	58
18	Aging and Luteinizing Hormone Effects on Reactive Oxygen Species Production and DNA Damage in Rat Leydig Cells1. <i>Biology of Reproduction</i> , 2013, 88, 100.	2.7	48

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19	Molecular Genetic Analyses of Mating Pheromones Reveal Intervariety Mating or Hybridization in <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2002, 70, 5225-5235.	2.2	46
20	Endozepines and their receptors: Structure, functions and pathophysiological significance. , 2020, 208, 107386.		43
21	Generation, Identification, and Evaluation of Expressed Sequence Tags from Different Developmental Stages of the Asian Blood Fluke <i>Schistosoma japonicum</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 348-356.	2.1	42
22	CRISPR/Cas9-Mediated Tspo Gene Mutations Lead to Reduced Mitochondrial Membrane Potential and Steroid Formation in MA-10 Mouse Tumor Leydig Cells. <i>Endocrinology</i> , 2018, 159, 1130-1146.	2.8	42
23	Evolutionary Origin of the Mitochondrial Cholesterol Transport Machinery Reveals a Universal Mechanism of Steroid Hormone Biosynthesis in Animals. <i>PLoS ONE</i> , 2013, 8, e76701.	2.5	38
24	Cathepsin C from <i>Schistosoma japonicum</i> . cDNA encoding the preproenzyme and its phylogenetic relationships. <i>FEBS Journal</i> , 1998, 255, 527-534.	0.2	37
25	Induction of Androgen Formation in the Male by a TAT-VDAC1 Fusion Peptide Blocking 14-3-3 ϵ Protein Adaptor and Mitochondrial VDAC1 Interactions. <i>Molecular Therapy</i> , 2014, 22, 1779-1791.	8.2	37
26	Genomic structure and tissue-specific expression of human and mouse genes encoding homologues of the major bovine seminal plasma proteins. <i>Molecular Human Reproduction</i> , 2007, 13, 45-53.	2.8	32
27	Disruption of a gene encoding glycerol 3-phosphatase from <i>Candida albicans</i> impairs intracellular glycerol accumulation-mediated salt-tolerance. <i>FEMS Microbiology Letters</i> , 2005, 245, 107-116.	1.8	30
28	A <i>Schistosoma japonicum</i> very low-density lipoprotein-binding protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 1436-1451.	2.8	29
29	Translocator protein (Tspo) gene promoter-driven green fluorescent protein synthesis in transgenic mice: an in vivo model to study Tspo transcription. <i>Cell and Tissue Research</i> , 2012, 350, 261-275.	2.9	24
30	Seminal plasma proteins: functions and interaction with protective agents during semen preservation. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 217-28.	0.2	22
31	Cholesterol-binding translocator protein TSP0 regulates steatosis and bile acid synthesis in nonalcoholic fatty liver disease. <i>iScience</i> , 2021, 24, 102457.	4.1	18
32	Sterol Carrier Protein-2, a Nonspecific Lipid-Transfer Protein, in Intracellular Cholesterol Trafficking in Testicular Leydig Cells. <i>PLoS ONE</i> , 2016, 11, e0149728.	2.5	17
33	Hormone-Dependent Expression of a Steroidogenic Acute Regulatory Protein Natural Antisense Transcript in MA-10 Mouse Tumor Leydig Cells. <i>PLoS ONE</i> , 2011, 6, e22822.	2.5	16
34	Characterization of cDNAs encoding a new family of tetraspanins from schistosomes—the Sj25 family. <i>Gene</i> , 1998, 219, 1-8.	2.2	15
35	Characterisation of a family of <i>Schistosoma japonicum</i> proteins related to dynein light chains. <i>BBA - Proteins and Proteomics</i> , 1999, 1432, 13-26.	2.1	15
36	Transcriptional Regulation of Translocator Protein (Tspo) via a SINE B2-Mediated Natural Antisense Transcript in MA-10 Leydig Cells. <i>Biology of Reproduction</i> , 2012, 86, 147, 1-15.	2.7	15

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37	Amhr2-Cre ⁺ -Mediated Global Tspo Knockout. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa001.	0.2	14
38	A new member of the transmembrane 4 superfamily (TM4SF) of proteins from schistosomes, expressed by larval and adult <i>Schistosoma japonicum</i> 1 Sequences described here have been deposited in the GenBank with accession numbers U77941 (adult protein) and AA185728 (miracidial protein).1. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1329, 18-25.	2.6	13
39	Functional dissection of human protease β 4-calpain in cell migration using RNAi. <i>FEBS Letters</i> , 2006, 580, 3246-3256.	2.8	13
40	A serine/threonine protein phosphatase-like protein, CaPTC8, from <i>Candida albicans</i> defines a new PPM subfamily. <i>Gene</i> , 2009, 430, 64-76.	2.2	13
41	Genomic organization and expression of 23 new genes from MAT \pm locus of <i>Cryptococcus neoformans</i> var. <i>gattii</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 326, 233-241.	2.1	12
42	Steroidogenesis in MA-10 Mouse Leydig Cells Is Altered via Fatty Acid Import into the Mitochondria1. <i>Biology of Reproduction</i> , 2014, 91, 96.	2.7	11
43	Murine Binder of SPerm Homolog 2 (BSPH2): The Black Sheep of the BSP Superfamily1. <i>Biology of Reproduction</i> , 2014, 90, 20.	2.7	10
44	Recombinant tegumental protein <i>Schistosoma japonicum</i> very lowdensity lipoprotein binding protein as a vaccine candidate against <i>Schistosoma japonicum</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 9-13.	1.6	9
45	Mitochondrial TSPO Deficiency Triggers Retrograde Signaling in MA-10 Mouse Tumor Leydig Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 252.	4.1	8
46	Lysophospholipase from the human blood fluke, <i>Schistosoma japonicum</i> . <i>International Journal of Infectious Diseases</i> , 2008, 12, 143-151.	3.3	6
47	Nr5a1-Cre-mediated Tspo conditional knockout mice with low growth rate and prediabetes symptoms ¹ A mouse model of stress diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 56-62.	3.8	6
48	Functional variants of human APE1 rescue the DNA repair defects of the yeast AP endonuclease/3 ⁺ -diesterase-deficient strain. <i>DNA Repair</i> , 2014, 22, 53-66.	2.8	5
49	Response to Letter to the Editor: ¹ "Dubious Conclusions on TSPO Function ¹ " <i>Endocrinology</i> , 2018, 159, 2530-2531.	2.8	3
50	Genome-wide expression analysis of a new class of lncRNAs driven by SINE B2. <i>Gene</i> , 2021, 768, 145332.	2.2	2