

# Vasilios Papadopoulos

## List of Publications by Year in descending order

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384  
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23,497  
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docs citations

391  
times ranked

15365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Translocator protein (18kDa): new nomenclature for the peripheral-type benzodiazepine receptor based on its structure and molecular function. Trends in Pharmacological Sciences, 2006, 27, 402-409.	4.0	1,237
2	Translocator protein (18 kDa) (TSPO) as a therapeutic target for neurological and psychiatric disorders. Nature Reviews Drug Discovery, 2010, 9, 971-988.	21.5	774
3	Peripheral-Type Benzodiazepine Receptor Function in Cholesterol Transport. Identification of a Putative Cholesterol Recognition/Interaction Amino Acid Sequence and Consensus Pattern. Endocrinology, 1998, 139, 4991-4997.	1.4	534
4	Leydig cells: formation, function, and regulation. Biology of Reproduction, 2018, 99, 101-111.	1.2	370
5	Peripheral benzodiazepine receptor in cholesterol transport and steroidogenesis. Steroids, 1997, 62, 21-28.	0.8	348
6	Steroid production in the thymus: implications for thymocyte selection. Journal of Experimental Medicine, 1994, 179, 1835-1846.	4.2	340
7	Peripheral-type benzodiazepine receptor: structure and function of a cholesterol-binding protein in steroid and bile acid biosynthesis. Steroids, 2003, 68, 569-585.	0.8	311
8	The peripheral-type benzodiazepine receptor is functionally linked to Leydig cell steroidogenesis. Journal of Biological Chemistry, 1990, 265, 3772-3779.	1.6	311
9	Peripheral-type benzodiazepine receptors mediate translocation of cholesterol from outer to inner mitochondrial membranes in adrenocortical cells. Journal of Biological Chemistry, 1990, 265, 15015-15022.	1.6	309
10	Peripheral-Type Benzodiazepine/Diazepam Binding Inhibitor Receptor: Biological Role in Steroidogenic Cell Function*. Endocrine Reviews, 1993, 14, 222-240.	8.9	296
11	Cholesterol transport in steroid biosynthesis: Role of protein-protein interactions and implications in disease states. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 646-658.	1.2	294
12	Cholesterol binding at the cholesterol recognition/ interaction amino acid consensus (CRAC) of the peripheral-type benzodiazepine receptor and inhibition of steroidogenesis by an HIV TAT-CRAC peptide. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1267-1272.	3.3	289
13	Neuroprotective effects of green and black teas and their catechin gallate esters against $\beta$ -amyloid-induced toxicity. European Journal of Neuroscience, 2006, 23, 55-64.	1.2	276
14	The peripheral-type benzodiazepine receptor is functionally linked to Leydig cell steroidogenesis. Journal of Biological Chemistry, 1990, 265, 3772-9.	1.6	268
15	Peripheral-type benzodiazepine receptors mediate translocation of cholesterol from outer to inner mitochondrial membranes in adrenocortical cells. Journal of Biological Chemistry, 1990, 265, 15015-22.	1.6	252
16	In search of rat stem Leydig cells: Identification, isolation, and lineage-specific development. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2719-2724.	3.3	246
17	NMDA Receptor-Nitric Oxide Transmission Mediates Neuronal Iron Homeostasis via the GTPase Dexas1. Neuron, 2006, 51, 431-440.	3.8	240
18	Channel-Like Functions of the 18-kDa Translocator Protein (TSPO): Regulation of Apoptosis and Steroidogenesis as Part of the Host-Defense Response. Current Pharmaceutical Design, 2007, 13, 2385-2405.	0.9	238

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19	Regulation of translocator protein 18kDa (TSPO) expression in health and disease states†. <i>Molecular and Cellular Endocrinology</i> , 2010, 327, 1-12.	1.6	237
20	Mitochondrial benzodiazepine receptors regulate steroid biosynthesis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 9813-9816.	3.3	226
21	Pregnenolone biosynthesis in C6-2B glioma cell mitochondria: regulation by a mitochondrial diazepam binding inhibitor receptor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 5113-5117.	3.3	220
22	Peripheral-type benzodiazepine receptor (PBR) in human breast cancer: correlation of breast cancer cell aggressive phenotype with PBR expression, nuclear localization, and PBR-mediated cell proliferation and nuclear transport of cholesterol. <i>Cancer Research</i> , 1999, 59, 831-42.	0.4	220
23	Peripheral-Type Benzodiazepine Receptor-Mediated Action of Steroidogenic Acute Regulatory Protein on Cholesterol Entry into Leydig Cell Mitochondria. <i>Molecular Endocrinology</i> , 2005, 19, 540-554.	3.7	218
24	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
25	Peripheral-type benzodiazepine receptor in neurosteroid biosynthesis, neuropathology and neurological disorders. <i>Neuroscience</i> , 2006, 138, 749-756.	1.1	208
26	Characterization of the Cholesterol Recognition Amino Acid Consensus Sequence of the Peripheral-Type Benzodiazepine Receptor. <i>Molecular Endocrinology</i> , 2005, 19, 588-594.	3.7	206
27	Protein-Protein Interactions Mediate Mitochondrial Cholesterol Transport and Steroid Biosynthesis. <i>Journal of Biological Chemistry</i> , 2006, 281, 38879-38893.	1.6	206
28	The role of the 14-3-3 protein family in health, disease, and drug development. <i>Drug Discovery Today</i> , 2016, 21, 278-287.	3.2	206
29	Diazepam Binding Inhibitor and Its Processing Products Stimulate Mitochondrial Steroid Biosynthesis via an Interaction with Mitochondrial Benzodiazepine Receptors<sup>*</sup>. <i>Endocrinology</i> , 1991, 129, 1481-1488.	1.4	205
30	Targeted Disruption of the Peripheral-type Benzodiazepine Receptor Gene Inhibits Steroidogenesis in the R2C Leydig Tumor Cell Line. <i>Journal of Biological Chemistry</i> , 1997, 272, 32129-32135.	1.6	201
31	Role of mitochondria in steroidogenesis. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 771-790.	2.2	199
32	Ginkgo biloba extracts and cancer: a research area in its infancy. <i>Fundamental and Clinical Pharmacology</i> , 2003, 17, 405-417.	1.0	194
33	Regulation of Rat Testis Gonocyte Proliferation by Platelet-Derived Growth Factor and Estradiol: Identification of Signaling Mechanisms Involved*. <i>Endocrinology</i> , 1997, 138, 1289-1298.	1.4	187
34	The Ginkgo biloba extract EGb 761 rescues the PC12 neuronal cells from $\beta$ 2-amyloid-induced cell death by inhibiting the formation of $\beta$ 2-amyloid-derived diffusible neurotoxic ligands. <i>Brain Research</i> , 2001, 889, 181-190.	1.1	179
35	Leydig cell aging and the mechanisms of reduced testosterone synthesis. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 23-31.	1.6	164
36	In Vivo and in Vitro Peripheral-Type Benzodiazepine Receptor Polymerization:â€‰ Functional Significance in Drug Ligand and Cholesterol Binding. <i>Biochemistry</i> , 2003, 42, 4506-4519.	1.2	163

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37	Structural and Functional Study of Reconstituted Peripheral Benzodiazepine Receptor. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 536-541.	1.0	151
38	Translocator protein (18ÅkDa) TSPO: An emerging therapeutic target in neurotrauma. <i>Experimental Neurology</i> , 2009, 219, 53-57.	2.0	147
39	Cholesterol binding at the cholesterol recognition/ interaction amino acid consensus (CRAC) of the peripheral-type benzodiazepine receptor and inhibition of steroidogenesis by an HIV TAT-CRAC peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 1267-72.	3.3	146
40	Identification of a stimulator of steroid hormone synthesis isolated from testis. <i>Science</i> , 1995, 268, 1609-1612.	6.0	141
41	Effect of Peroxisome Proliferators on Leydig Cell Peripheral-Type Benzodiazepine Receptor Gene Expression, Hormone-Stimulated Cholesterol Transport, and Steroidogenesis: Role of the Peroxisome Proliferator-Activator Receptor $\alpha$ . <i>Endocrinology</i> , 2002, 143, 2571-2583.	1.4	141
42	In Utero Exposure to Di-(2-ethylhexyl) Phthalate Exerts Both Short-Term and Long-Lasting Suppressive Effects on Testosterone Production in the Rat1. <i>Biology of Reproduction</i> , 2008, 78, 1018-1028.	1.2	137
43	Alzheimer's disease: Effects of $\beta$ -amyloid on mitochondria. <i>Mitochondrion</i> , 2011, 11, 13-21.	1.6	123
44	Diazepam binding inhibitor is a paracrine/autocrine regulator of Leydig cell proliferation and steroidogenesis: action via peripheral-type benzodiazepine receptor and independent mechanisms.. <i>Endocrinology</i> , 1993, 132, 444-458.	1.4	122
45	Identification, Localization, and Function in Steroidogenesis of PAP7: A Peripheral-Type Benzodiazepine Receptor- and PKA (R $\alpha$ ) $\pm$ -Associated Protein. <i>Molecular Endocrinology</i> , 2001, 15, 2211-2228.	3.7	121
46	Fetal origin of endocrine dysfunction in the adult: The phthalate model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 5-17.	1.2	116
47	Acyl-coenzyme A binding domain containing 3 (ACBD3; PAP7; GCP60): An emerging signaling molecule. <i>Progress in Lipid Research</i> , 2010, 49, 218-234.	5.3	115
48	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.	3.3	115
49	2-Aryl-3-indoleacetamides (FGIN-1): a new class of potent and specific ligands for the mitochondrial DBI receptor (MDR). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1992, 262, 971-8.	1.3	114
50	Expression of Peripheral Benzodiazepine Receptor (PBR) in Human Tumors: Relationship to Breast, Colorectal, and Prostate Tumor Progression. <i>Journal of Receptor and Signal Transduction Research</i> , 2003, 23, 225-238.	1.3	113
51	Mitochondria-Associated Membrane Formation in Hormone-Stimulated Leydig Cell Steroidogenesis: Role of ATAD3. <i>Endocrinology</i> , 2015, 156, 334-345.	1.4	111
52	In vitro studies on the role of the peripheral-type benzodiazepine receptor in steroidogenesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999, 69, 123-130.	1.2	110
53	In vitro reconstitution of a functional peripheral-type benzodiazepine receptor from mouse Leydig tumor cells. <i>Molecular Pharmacology</i> , 1994, 45, 201-11.	1.0	110
54	Function of $\beta$ -amyloid in cholesterol transport: a lead to neurotoxicity. <i>FASEB Journal</i> , 2002, 16, 1677-1679.	0.2	109

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55	Mitochondrial Benzodiazepine Receptors and the Regulation of Steroid Biosynthesis. Annual Review of Pharmacology and Toxicology, 1992, 32, 211-237.	4.2	108
56	Rat testis 17 $\beta$ -estradiol: Identification by gas chromatography-mass spectrometry and age related cellular distribution. The Journal of Steroid Biochemistry, 1986, 24, 1211-1216.	1.3	107
57	Is there a mitochondrial signaling complex facilitating cholesterol import?. Molecular and Cellular Endocrinology, 2007, 265-266, 59-64.	1.6	107
58	Peripheral-type benzodiazepine receptor overexpression and knockdown in human breast cancer cells indicate its prominent role in tumor cell proliferation. Biochemical Pharmacology, 2007, 73, 491-503.	2.0	106
59	Hormone-stimulated steroidogenesis is coupled to mitochondrial benzodiazepine receptors. Tropic hormone action on steroid biosynthesis is inhibited by flunitrazepam. Journal of Biological Chemistry, 1991, 266, 3682-3687.	1.6	106
60	Translocator protein-mediated pharmacology of cholesterol transport and steroidogenesis. Molecular and Cellular Endocrinology, 2015, 408, 90-98.	1.6	103
61	In vivo regulation of peripheral-type benzodiazepine receptor and glucocorticoid synthesis by Ginkgo biloba extract Egb 761 and isolated ginkgolides.. Endocrinology, 1996, 137, 5707-5718.	1.4	102
62	Pathways of Neurosteroid Biosynthesis in Cell Lines from Human Brain. Journal of Neurochemistry, 2001, 74, 847-859.	2.1	102
63	Peripheral-type benzodiazepine receptor (PBR) and PBR drug ligands in fibroblast and fibrosarcoma cell proliferation: role of ERK, c-Jun and ligand-activated PBR-independent pathways. Biochemical Pharmacology, 2004, 67, 1927-1932.	2.0	102
64	Endozepine/diazepam binding inhibitor in adrenocortical and Leydig cell lines: Absence of hormonal regulation. Molecular and Cellular Endocrinology, 1992, 83, 1-9.	1.6	101
65	The peripheral-type benzodiazepine receptor is involved in control of Ca <sup>2+</sup> -induced permeability transition pore opening in rat brain mitochondria. Cell Calcium, 2007, 42, 27-39.	1.1	98
66	Ginkgo biloba extract (Egb 761) inhibits $\beta$ -amyloid production by lowering free cholesterol levels. Journal of Nutritional Biochemistry, 2004, 15, 749-756.	1.9	97
67	<i>In Utero</i> Exposure to Di-(2-Ethylhexyl) Phthalate Decreases Mineralocorticoid Receptor Expression in the Adult Testis. Endocrinology, 2009, 150, 5575-5585.	1.4	97
68	Role of the peripheral-type benzodiazepine receptor and the polypeptide diazepam binding inhibitor in steroidogenesis. Journal of Steroid Biochemistry and Molecular Biology, 1995, 53, 103-110.	1.2	96
69	Neurosteroidogenesis in Rat Retinas. Journal of Neurochemistry, 1994, 63, 86-96.	2.1	96
70	Epigenetic regulation of the expression of genes involved in steroid hormone biosynthesis and action. Steroids, 2010, 75, 467-476.	0.8	95
71	Leydig cell aging and hypogonadism. Experimental Gerontology, 2015, 68, 87-91.	1.2	93
72	Structural and Functional Evolution of the Translocator Protein (18 kDa). Current Molecular Medicine, 2012, 12, 369-386.	0.6	88

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73	Hormone-stimulated steroidogenesis is coupled to mitochondrial benzodiazepine receptors. Tropic hormone action on steroid biosynthesis is inhibited by flunitrazepam. <i>Journal of Biological Chemistry</i> , 1991, 266, 3682-7.	1.6	86
74	Oxidative stress-mediated DHEA formation in Alzheimer's disease pathology. <i>Neurobiology of Aging</i> , 2003, 24, 57-65.	1.5	85
75	Cellular sources of TSPO expression in healthy and diseased brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 146-163.	3.3	85
76	Regulation of pregnenolone synthesis in C6-2B glioma cells by 4'-chlorodiazepam.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 5118-5122.	3.3	83
77	Translocator protein (18ÅkDa): an update on its function in steroidogenesis. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12500.	1.2	83
78	Steroid biosynthesis in adipose tissue. <i>Steroids</i> , 2015, 103, 89-104.	0.8	82
79	Structure and Function of the Peripheral-Type Benzodiazepine Receptor in Steroidogenic Cells. <i>Experimental Biology and Medicine</i> , 1998, 217, 130-142.	1.1	80
80	De Novo Synthesis of Steroids and Oxysterols in Adipocytes. <i>Journal of Biological Chemistry</i> , 2014, 289, 747-764.	1.6	80
81	<i>TSPO</i> mutations in rats and a human polymorphism impair the rate of steroid synthesis. <i>Biochemical Journal</i> , 2017, 474, 3985-3999.	1.7	80
82	Topography of the Leydig cell mitochondrial peripheral-type benzodiazepine receptor. <i>Molecular and Cellular Endocrinology</i> , 1994, 104, R5-R9.	1.6	79
83	The polypeptide diazepam-binding inhibitor and a higher affinity mitochondrial peripheral-type benzodiazepine receptor sustain constitutive steroidogenesis in the R2C Leydig tumor cell line.. <i>Journal of Biological Chemistry</i> , 1994, 269, 22105-22112.	1.6	79
84	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.	1.4	78
85	Organelle plasticity and interactions in cholesterol transport and steroid biosynthesis. <i>Molecular and Cellular Endocrinology</i> , 2013, 371, 34-46.	1.6	78
86	Cell surface localization of the peripheral-type benzodiazepine receptor (PBR) in adrenal cortex. <i>Molecular and Cellular Endocrinology</i> , 1992, 87, R1-R6.	1.6	77
87	Inhibition of hormone-stimulated steroidogenesis in cultured Leydig tumor cells by a cholesterol-linked phosphorothioate oligodeoxynucleotide antisense to diazepam-binding inhibitor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 5728-5731.	3.3	76
88	In Utero Exposure to the Antiandrogen Di-(2-Ethylhexyl) Phthalate Decreases Adrenal Aldosterone Production in the Adult Rat1. <i>Biology of Reproduction</i> , 2011, 85, 51-61.	1.2	76
89	In utero exposure to the endocrine disruptor di-(2-ethylhexyl) phthalate promotes local adipose and systemic inflammation in adult male offspring. <i>Nutrition and Diabetes</i> , 2014, 4, e115-e115.	1.5	75
90	Mitochondrial protein import and the genesis of steroidogenic mitochondria. <i>Molecular and Cellular Endocrinology</i> , 2011, 336, 70-79.	1.6	74

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91	Characterization of $\delta$ -casozepine, a tryptic peptide from bovine $\beta$ -casein with benzodiazepine-like activity. <i>FASEB Journal</i> , 2001, 15, 1780-1782.	0.2	73
92	PAP7, a PBR/PKA-Ri $\alpha$ -associated protein: a new element in the relay of the hormonal induction of steroidogenesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 275-283.	1.2	73
93	ATP Synthesis, Mitochondrial Function, and Steroid Biosynthesis in Rodent Primary and Tumor Leydig Cells. <i>Biology of Reproduction</i> , 2011, 84, 976-985.	1.2	73
94	ACBD2/ECI2-Mediated Peroxisome-Mitochondria Interactions in Leydig Cell Steroid Biosynthesis. <i>Molecular Endocrinology</i> , 2016, 30, 763-782.	3.7	73
95	Effect of mono-ethylhexyl phthalate on MA-10 Leydig tumor cells. <i>Reproductive Toxicology</i> , 2001, 15, 171-187.	1.3	72
96	Secondary and tertiary structures of the transmembrane domains of the translocator protein TSPO determined by NMR. Stabilization of the TSPO tertiary fold upon ligand binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1375-1381.	1.4	70
97	Translocator Protein 2 Is Involved in Cholesterol Redistribution during Erythropoiesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 30484-30497.	1.6	70
98	Adrenal Mitochondria and Steroidogenesis: From Individual Proteins to Functional Protein Assemblies. <i>Frontiers in Endocrinology</i> , 2016, 7, 106.	1.5	69
99	Isolation and characterization of protein kinase C from Y-1 adrenal cell cytoskeleton. <i>Journal of Cell Biology</i> , 1989, 108, 553-567.	2.3	67
100	Mitochondrial peripheral-type benzodiazepine receptor expression. <i>Biochemical Pharmacology</i> , 1999, 58, 1389-1393.	2.0	67
101	Axonal Regeneration and Neuroinflammation: Roles for the Translocator Protein 18 kDa. <i>Journal of Neuroendocrinology</i> , 2012, 24, 71-81.	1.2	67
102	Effect of phorbol ester and phospholipase C on LH-stimulated steroidogenesis in purified rat Leydig cells. <i>FEBS Letters</i> , 1985, 188, 312-316.	1.3	65
103	Differential Expression of Extracellular Matrix Components in Rat Sertoli Cells. <i>Biology of Reproduction</i> , 1990, 43, 860-869.	1.2	65
104	In Search of the Function of the Peripheral-Type Benzodiazepine Receptor. <i>Endocrine Research</i> , 2004, 30, 677-684.	0.6	65
105	Translocator Protein (18 kDa) as a Target for Novel Anxiolytics with a Favourable Side Effect Profile. <i>Journal of Neuroendocrinology</i> , 2012, 24, 82-92.	1.2	65
106	Identification, Localization, and Function in Steroidogenesis of PAP7: A Peripheral-Type Benzodiazepine Receptor- and PKA (Ri $\alpha$ )-Associated Protein. <i>Molecular Endocrinology</i> , 2001, 15, 2211-2228.	3.7	65
107	Stimulation of Adult Rat Leydig Cell Aromatase Activity by a Sertoli Cell Factor*. <i>Endocrinology</i> , 1988, 122, 1103-1109.	1.4	64
108	Protein Kinase C $\beta$ Regulation of Translocator Protein (18 kDa) <i>Tspo</i> Gene Expression Is Mediated through a MAPK Pathway Targeting STAT3 and c-Jun Transcription Factors. <i>Biochemistry</i> , 2010, 49, 4766-4778.	1.2	64

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109	Why does COVID-19 kill more elderly men than women? Is there a role for testosterone?. <i>Andrology</i> , 2021, 9, 65-72.	1.9	64
110	Detection of P450c17-independent pathways for dehydroepiandrosterone (DHEA) biosynthesis in brain glial tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2862-2867.	3.3	63
111	Differential Utilization of the Promoter of Peripheral-Type Benzodiazepine Receptor by Steroidogenic Versus Nonsteroidogenic Cell Lines and the Role of Sp1 and Sp3 in the Regulation of Basal Activity. <i>Endocrinology</i> , 2004, 145, 1113-1123.	1.4	63
112	Protoporphyrin IX binding and transport by recombinant mouse PBR. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 847-852.	1.0	61
113	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.	1.2	61
114	Adult rat Sertoli cells secrete a factor or factors which modulate Leydig cell function. <i>Journal of Endocrinology</i> , 1987, 114, 459-467.	1.2	59
115	PBR, StAR, AND PKA: PARTNERS IN CHOLESTEROL TRANSPORT IN STEROIDOGENIC CELLS. <i>Endocrine Research</i> , 2002, 28, 395-401.	0.6	59
116	A Novel Arabidopsis thaliana Protein is a Functional Peripheral-Type Benzodiazepine Receptor. <i>Plant and Cell Physiology</i> , 2004, 45, 723-733.	1.5	59
117	Oxidative stress and phthalate-induced down-regulation of steroidogenesis in MA-10 Leydig cells. <i>Reproductive Toxicology</i> , 2013, 42, 95-101.	1.3	59
118	Acute action of choriogonadotropin on Leydig tumor cells: changes in the topography of the mitochondrial peripheral-type benzodiazepine receptor.. <i>Endocrinology</i> , 1996, 137, 5727-5730.	1.4	58
119	In vitro functional screening as a means to identify new plasticizers devoid of reproductive toxicity. <i>Environmental Research</i> , 2016, 150, 496-512.	3.7	58
120	Prenatal phthalate exposure: epigenetic changes leading to lifelong impact on steroid formation. <i>Andrology</i> , 2016, 4, 573-584.	1.9	58
121	Regulation of Rat Testis Gonocyte Proliferation by Platelet-Derived Growth Factor and Estradiol: Identification of Signaling Mechanisms Involved. , 0, .		58
122	The polypeptide diazepam-binding inhibitor and a higher affinity mitochondrial peripheral-type benzodiazepine receptor sustain constitutive steroidogenesis in the R2C Leydig tumor cell line. <i>Journal of Biological Chemistry</i> , 1994, 269, 22105-12.	1.6	58
123	Acute action of choriogonadotropin on Leydig tumor cells: induction of a higher affinity benzodiazepine-binding site related to steroid biosynthesis.. <i>Endocrinology</i> , 1994, 135, 1576-1583.	1.4	57
124	Targeting and Insertion of the Cholesterol-Binding Translocator Protein into the Outer Mitochondrial Membrane. <i>Biochemistry</i> , 2009, 48, 6909-6920.	1.2	57
125	Novel Androstenetriol Interacts with the Mitochondrial Translocator Protein and Controls Steroidogenesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 9875-9887.	1.6	57
126	Maternal in utero exposure to the endocrine disruptor di-(2-ethylhexyl) phthalate affects the blood pressure of adult male offspring. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 95-100.	1.3	55



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127	The role of diazepam binding inhibitor and its processing products at mitochondrial benzodiazepine receptors: Regulation of steroid biosynthesis. <i>Neuropharmacology</i> , 1991, 30, 1417-1423.	2.0	54
128	Modeling Alzheimer's disease with non-transgenic rat models. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 17.	3.0	54
129	Drug Ligand-Induced Activation of Translocator Protein (TSPO) Stimulates Steroid Production by Aged Brown Norway Rat Leydig Cells. <i>Endocrinology</i> , 2013, 154, 2156-2165.	1.4	54
130	Pachytene spermatocytes regulate the secretion of Sertoli cell protein(s) which stimulate Leydig cell steroidogenesis. <i>Molecular and Cellular Endocrinology</i> , 1991, 77, 207-216.	1.6	53
131	Beta-Amyloid and Oxidative Stress Jointly Induce Neuronal Death, Amyloid Deposits, Gliosis, and Memory Impairment in the Rat Brain. <i>Pharmacology</i> , 2006, 76, 19-33.	0.9	53
132	Basement Membrane Increases G-Protein Levels and Follicle-Stimulating Hormone Responsiveness of Sertoli Cell Adenylyl Cyclase Activity*. <i>Endocrinology</i> , 1991, 128, 1167-1176.	1.4	51
133	Synthesis and Biology of a 7-Nitro-2,1,3-benzoxadiazol-4-yl Derivative of 2-Phenylindole-3-acetamide: A Fluorescent Probe for the Peripheral-Type Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 2435-2439.	2.9	50
134	Role of the peripheral-type benzodiazepine receptor in adrenal and brain steroidogenesis. <i>International Review of Neurobiology</i> , 2001, 46, 117-143.	0.9	50
135	Polyethylene Glycol Reduces Early and Long-Term Cold Ischemia-Reperfusion and Renal Medulla Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 861-870.	1.3	50
136	GnRH agonist treatment decreases progesterone synthesis, luteal peripheral benzodiazepine receptor mRNA, ligand binding and steroidogenic acute regulatory protein expression during pregnancy. <i>Journal of Molecular Endocrinology</i> , 1999, 22, 45-54.	1.1	49
137	Developmental Expression of the Peripheral-Type Benzodiazepine Receptor and the Advent of Steroidogenesis in Rat Adrenal Glands*. <i>Endocrinology</i> , 1999, 140, 859-864.	1.4	48
138	Identification of naturally occurring spirostenols preventing $\beta$ -amyloid-induced neurotoxicity. <i>Steroids</i> , 2004, 69, 1-16.	0.8	48
139	Aging and Luteinizing Hormone Effects on Reactive Oxygen Species Production and DNA Damage in Rat Leydig Cells. <i>Biology of Reproduction</i> , 2013, 88, 100.	1.2	48
140	Cholesterol transport, peripheral benzodiazepine receptor, and steroidogenesis in aging Leydig cells. <i>Journal of Andrology</i> , 2002, 23, 439-47.	2.0	48
141	The Endocrine Disruptor Mono-(2-Ethylhexyl) Phthalate Affects the Differentiation of Human Liposarcoma Cells (SW 872). <i>PLoS ONE</i> , 2011, 6, e28750.	1.1	46
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