

Meng-Chun Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3728370/publications.pdf>

Version: 2024-02-01

41
papers

1,801
citations

236925

25
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

1865
citing authors

#	ARTICLE	IF	CITATIONS
1	Feedback Control of Adrenal Steroidogenesis via H ₂ O ₂ -Dependent, Reversible Inactivation of Peroxiredoxin III in Mitochondria. <i>Molecular Cell</i> , 2012, 46, 584-594.	9.7	149
2	Steroid Deficiency Syndromes in Mice with Targeted Disruption of Cyp11a1. <i>Molecular Endocrinology</i> , 2002, 16, 1943-1950.	3.7	141
3	A missense mutation at Ile172→Asn or Arg356→Trp causes steroid 21-hydroxylase deficiency.. <i>Journal of Biological Chemistry</i> , 1990, 265, 3549-3552.	3.4	133
4	Local Anesthetics Induce Apoptosis in Human Breast Tumor Cells. <i>Anesthesia and Analgesia</i> , 2014, 118, 116-124.	2.2	120
5	Functions of the Upstream and Proximal Steroidogenic Factor 1 (SF-1)-Binding Sites in the CYP11A1 Promoter in Basal Transcription and Hormonal Response. <i>Molecular Endocrinology</i> , 2001, 15, 812-818.	3.7	109
6	Local Anesthetics Induce Apoptosis in Human Thyroid Cancer Cells through the Mitogen-Activated Protein Kinase Pathway. <i>PLoS ONE</i> , 2014, 9, e89563.	2.5	105
7	A missense mutation at Ile172→Asn or Arg356→Trp causes steroid 21-hydroxylase deficiency. <i>Journal of Biological Chemistry</i> , 1990, 265, 3549-52.	3.4	98
8	Regulation of steroid production: Analysis of Cyp11a1 promoter. <i>Molecular and Cellular Endocrinology</i> , 2011, 336, 80-84.	3.2	77
9	Regulated expression of cytochrome <i>P</i> -450 _{scc} (cholesterol-side-chain cleavage enzyme) in cultured cell lines detected by antibody against bacterially expressed human protein. <i>Biochemical Journal</i> , 1991, 274, 813-817.	3.7	66
10	Function of Cyp11a1 in animal models. <i>Molecular and Cellular Endocrinology</i> , 2004, 215, 95-100.	3.2	61
11	Tissue-Specific, Hormonal, and Developmental Regulation of <i>SCC-LacZ</i> Expression in Transgenic Mice Leads to Adrenocortical Zone Characterization ¹ . <i>Endocrinology</i> , 1999, 140, 5609-5618.	2.8	55
12	The Cullin 4A/B-DDB1-Cereblon E3 Ubiquitin Ligase Complex Mediates the Degradation of CLC-1 Chloride Channels. <i>Scientific Reports</i> , 2015, 5, 10667.	3.3	50
13	Bisphenol A disrupts steroidogenesis and induces a sex hormone imbalance through c-Jun phosphorylation in Leydig cells. <i>Chemosphere</i> , 2017, 185, 237-246.	8.2	50
14	Liver receptor homolog α 1 localization in the nuclear body is regulated by sumoylation and cAMP signaling in rat granulosa cells. <i>FEBS Journal</i> , 2009, 276, 425-436.	4.7	44
15	Regulation of steroidogenesis in transgenic mice and zebrafish. <i>Molecular and Cellular Endocrinology</i> , 2001, 171, 9-14.	3.2	42
16	Transcriptional regulation of human CYP11A1 in gonads and adrenals. <i>Journal of Biomedical Science</i> , 2007, 14, 509-515.	7.0	42
17	Expression of Human 21-Hydroxylase (P450 _{c21}) in Bacterial and Mammalian Cells: A System to Characterize Normal and Mutant Enzymes. <i>Molecular Endocrinology</i> , 1990, 4, 893-898.	3.7	41
18	Steroidogenesis in zebrafish and mouse models. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 160-163.	3.2	38

#	ARTICLE	IF	CITATIONS
19	Transcriptional Regulation of <i>CYP11A1</i> . <i>Journal of Biomedical Science</i> , 2003, 10, 593-598.	7.0	33
20	Insulin and IGF1 receptors are essential for the development and steroidogenic function of adult Leydig cells. <i>FASEB Journal</i> , 2018, 32, 3321-3335.	0.5	31
21	The 5' region of the P450XIA1 (P450scc) gene contains a basal promoter and an adrenal-specific activating domain. <i>Biochemical and Biophysical Research Communications</i> , 1989, 160, 276-281.	2.1	30
22	An in vitro transcription termination system to analyze chloroplast promoters: identification of multiple promoters for the spinach <i>atpB</i> gene. <i>Current Genetics</i> , 1990, 17, 55-64.	1.7	29
23	Expression and Functional Study of Wild-Type and Mutant Human Cytochrome P450c21 in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1991, 10, 201-209.	1.9	29
24	Functions of the Upstream and Proximal Steroidogenic Factor 1 (SF-1)-Binding Sites in the CYP11A1 Promoter in Basal Transcription and Hormonal Response. <i>Molecular Endocrinology</i> , 2001, 15, 812-818.	3.7	26
25	Docosahexaenoic acid induces proteasome-dependent degradation of estrogen receptor α and inhibits the downstream signaling target in MCF-7 breast cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 512-517.	4.2	25
26	Function and membrane topology of wild-type and mutated cytochrome <i>P450c21</i> . <i>Biochemical Journal</i> , 1996, 316, 325-329.	3.7	21
27	Action of hormone responsive sequence in 2.3 kb promoter of CYP11A1. <i>Molecular and Cellular Endocrinology</i> , 2001, 175, 205-210.	3.2	19
28	Human CYP11A1 promoter drives Cre recombinase expression in the brain in addition to adrenals and gonads. <i>Genesis</i> , 2007, 45, 59-65.	1.6	16
29	PIASy inhibits LRH-1-dependent <i>CYP11A1</i> expression by competing for SRC-1 binding. <i>Biochemical Journal</i> , 2009, 419, 201-209.	3.7	15
30	Tissue-Specific, Hormonal, and Developmental Regulation of SCC-LacZ Expression in Transgenic Mice Leads to Adrenocortical Zone Characterization. <i>Endocrinology</i> , 1999, 140, 5609-5618.	2.8	14
31	Structure and expression of the CYP21 (P450c21, steroid 21-hydroxylase) gene with respect to its deficiency. <i>Endocrine Research</i> , 1995, 21, 343-352.	1.2	11
32	Adenovirus E1B 19K Protein Is Required for Efficient DNA Replication in U937 Cells. <i>Virology</i> , 1997, 227, 295-304.	2.4	11
33	Regulation of liver receptor homologue-1 by DDB2 E3 ligase activity is critical for hepatic glucose metabolism. <i>Scientific Reports</i> , 2019, 9, 5304.	3.3	11
34	CUL4-DDB1-CRBN E3 Ubiquitin Ligase Regulates Proteostasis of CIC-2 Chloride Channels: Implication for Aldosteronism and Leukodystrophy. <i>Cells</i> , 2020, 9, 1332.	4.1	11
35	Identification of two functional nuclear localization signals mediating nuclear import of liver receptor homologue-1. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1241-1253.	5.4	10
36	Differential regulation of the human <i>CYP11A1</i> promoter in mouse brain and adrenals. <i>Journal of Cellular Physiology</i> , 2011, 226, 1998-2005.	4.1	10

#	ARTICLE	IF	CITATIONS
37	Proximal GATA-binding sites are essential for human HSD3B1 gene transcription in the placenta. <i>Scientific Reports</i> , 2017, 7, 4271.	3.3	8
38	Amplification of P450c21 expression in cultured mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 426-431.	2.1	7
39	A calreticulin-dependent nuclear export signal is involved in the regulation of liver receptor homologue-1 protein folding. <i>Biochemical Journal</i> , 2015, 471, 199-209.	3.7	7
40	PEP-sNASP Peptide Alleviates LPS-Induced Acute Lung Injury Through the TLR4/TRAF6 Axis. <i>Frontiers in Medicine</i> , 2022, 9, 832713.	2.6	3
41	Regulation of ClC-2 Chloride Channel Proteostasis by Molecular Chaperones: Correction of Leukodystrophy-Associated Defect. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5859.	4.1	0