

David J Waxman

List of Publications by Year in descending order

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262
papers

22,647
citations

13087

68
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287
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287
docs citations

287
times ranked

15564
citing authors

#	ARTICLE	IF	CITATIONS
1	P450 superfamily: update on new sequences, gene mapping, accession numbers and nomenclature. Pharmacogenetics and Genomics, 1996, 6, 1-42.	5.7	2,629
2	The P450 Superfamily: Update on New Sequences, Gene Mapping, Accession Numbers, Early Trivial Names of Enzymes, and Nomenclature. DNA and Cell Biology, 1993, 12, 1-51.	0.9	1,596
3	The P450 Superfamily: Update on New Sequences, Gene Mapping, and Recommended Nomenclature. DNA and Cell Biology, 1991, 10, 1-14.	0.9	1,086
4	P450 Gene Induction by Structurally Diverse Xenochemicals: Central Role of Nuclear Receptors CAR, PXR, and PPAR. Archives of Biochemistry and Biophysics, 1999, 369, 11-23.	1.4	695
5	Sex Differences in the Expression of Hepatic Drug Metabolizing Enzymes. Molecular Pharmacology, 2009, 76, 215-228.	1.0	601
6	Regulation of rat hepatic cytochrome P-450: age-dependent expression, hormonal imprinting, and xenobiotic inducibility of sex-specific isoenzymes. Biochemistry, 1985, 24, 4409-4417.	1.2	595
7	Interactions of hepatic cytochromes P-450 with steroid hormones. Biochemical Pharmacology, 1988, 37, 71-84.	2.0	450
8	Activation of PPAR α and PPAR δ by Environmental Phthalate Monoesters. Toxicological Sciences, 2003, 74, 297-308.	1.4	440
9	Human liver microsomal steroid metabolism: Identification of the major microsomal steroid hormone 6 β -hydroxylase cytochrome P-450 enzyme. Archives of Biochemistry and Biophysics, 1988, 263, 424-436.	1.4	412
10	Growth Hormone Regulation of Sex-Dependent Liver Gene Expression. Molecular Endocrinology, 2006, 20, 2613-2629.	3.7	391
11	MANorm: a robust model for quantitative comparison of ChIP-Seq data sets. Genome Biology, 2012, 13, R16.	13.9	355
12	trans-Activation of PPAR α and PPAR δ by Structurally Diverse Environmental Chemicals. Toxicology and Applied Pharmacology, 1999, 161, 209-218.	1.3	350
13	SOCS/CIS Protein Inhibition of Growth Hormone-stimulated STAT5 Signaling by Multiple Mechanisms. Journal of Biological Chemistry, 1999, 274, 35553-35561.	1.6	317
14	Combination of antiangiogenesis with chemotherapy for more effective cancer treatment. Molecular Cancer Therapeutics, 2008, 7, 3670-3684.	1.9	311
15	Steroid hormone hydroxylase specificities of eleven cDNA-expressed human cytochrome P450s. Archives of Biochemistry and Biophysics, 1991, 290, 160-166.	1.4	297
16	Immunogenic chemotherapy: Dose and schedule dependence and combination with immunotherapy. Cancer Letters, 2018, 419, 210-221.	3.2	251
17	Markedly Enhanced Cytochrome P450 2E1 Induction and Lipid Peroxidation Is Associated with Severe Liver Injury in Fish Oil-Ethanol-Fed Rats. Alcoholism: Clinical and Experimental Research, 1994, 18, 1280-1285.	1.4	250
18	Role of human liver microsomal CYP3A4 and CYP2B6 in catalyzing N-dechloroethylation of cyclophosphamide and ifosfamide. Biochemical Pharmacology, 2000, 59, 961-972.	2.0	234

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19	Arachidonic acid metabolism by human cytochrome P450s 2C8, 2C9, 2E1, and 1A2: Regioselective oxygenation and evidence for a role for CYP2C enzymes in arachidonic acid epoxidation in human liver microsomes. Archives of Biochemistry and Biophysics, 1995, 320, 380-389.	1.4	222
20	Sex-Dependent Liver Gene Expression Is Extensive and Largely Dependent upon Signal Transducer and Activator of Transcription 5b (STAT5b): STAT5b-Dependent Activation of Male Genes and Repression of Female Genes Revealed by Microarray Analysis. Molecular Endocrinology, 2006, 20, 1333-1351.	3.7	220
21	Intermittent Plasma Growth Hormone Triggers Tyrosine Phosphorylation and Nuclear Translocation of a Liver-Expressed, Stat 5-related DNA Binding Protein.. Journal of Biological Chemistry, 1995, 270, 13262-13270.	1.6	216
22	Growth Hormone Activation of Stat 1, Stat 3, and Stat 5 in Rat Liver. Journal of Biological Chemistry, 1996, 271, 5929-5940.	1.6	206
23	Metronomic chemotherapy: An attractive alternative to maximum tolerated dose therapy that can activate anti-tumor immunity and minimize therapeutic resistance. Cancer Letters, 2015, 358, 100-106.	3.2	194
24	Interaction of Growth Hormone-activated STATs with SH2-containing Phosphotyrosine Phosphatase SHP-1 and Nuclear JAK2 Tyrosine Kinase. Journal of Biological Chemistry, 1997, 272, 17694-17702.	1.6	187
25	STAT5b Is Required for GH-Induced Liver Igf-I Gene Expression. Endocrinology, 2001, 142, 3836-3841.	1.4	151
26	Distinctive Roles of STAT5a and STAT5b in Sexual Dimorphism of Hepatic P450 Gene Expression. Journal of Biological Chemistry, 1999, 274, 7421-7430.	1.6	149
27	Experimental Tumor Therapy in Mice Using the Cyclophosphamide-Activating Cytochrome P450 2B1 Gene. Human Gene Therapy, 1994, 5, 969-978.	1.4	144
28	Dynamic, Sex-Differential STAT5 and BCL6 Binding to Sex-Biased, Growth Hormone-Regulated Genes in Adult Mouse Liver. Molecular and Cellular Biology, 2012, 32, 880-896.	1.1	144
29	Transcriptional Profiling of Human Liver Identifies Sex-Biased Genes Associated with Polygenic Dyslipidemia and Coronary Artery Disease. PLoS ONE, 2011, 6, e23506.	1.1	143
30	trans-Activation of PPAR α and Induction of PPAR α Target Genes by Perfluorooctane-Based Chemicals. Toxicological Sciences, 2004, 80, 151-160.	1.4	141
31	Genome-Wide Analysis of Chromatin States Reveals Distinct Mechanisms of Sex-Dependent Gene Regulation in Male and Female Mouse Liver. Molecular and Cellular Biology, 2013, 33, 3594-3610.	1.1	140
32	Synthetic Drugs and Natural Products as Modulators of Constitutive Androstane Receptor (Car) and Pregnane X Receptor (PXR). Drug Metabolism Reviews, 2006, 38, 51-73.	1.5	138
33	Cytochrome P-450 isozyme 1 from phenobarbital-induced rat liver: purification, characterization, and interactions with metyrapone and cytochrome b5. Biochemistry, 1983, 22, 4846-4855.	1.2	137
34	Identification of the polymorphically expressed CYP2C19 and the wild-type CYP2C9-ILE359 allele as low-K _m catalysts of cyclophosphamide and ifosfamide activation. Pharmacogenetics and Genomics, 1997, 7, 211-221.	5.7	136
35	Sexually Dimorphic P450 Gene Expression in Liver-Specific Hepatocyte Nuclear Factor 4 ι -Deficient Mice. Molecular Endocrinology, 2004, 18, 1975-1987.	3.7	132
36	17 β -Estradiol 2- and 4-Hydroxylation Catalyzed by Rat Hepatic Cytochrome P-450: Roles of Individual Forms, Inductive Effects, Developmental Patterns, and Alterations by Gonadectomy and Hormone Replacement*. Endocrinology, 1986, 118, 1952-1960.	1.4	129

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37	Cyclophosphamide Induces Caspase 9-Dependent Apoptosis in 9L Tumor Cells. <i>Molecular Pharmacology</i> , 2001, 60, 1268-1279.	1.0	127
38	Sexual Dimorphism of Rat Liver Gene Expression: Regulatory Role of Growth Hormone Revealed by Deoxyribonucleic Acid Microarray Analysis. <i>Molecular Endocrinology</i> , 2004, 18, 747-760.	3.7	127
39	Regulation of Signal Transducer and Activator of Transcription (STAT) 5b Activation by the Temporal Pattern of Growth Hormone Stimulation. <i>Molecular Endocrinology</i> , 1997, 11, 400-414.	3.7	119
40	Cross-talk between Janus Kinase-Signal Transducer and Activator of Transcription (JAK-STAT) and Peroxisome Proliferator-activated Receptor- α (PPAR α) Signaling Pathways. <i>Journal of Biological Chemistry</i> , 1999, 274, 2672-2681.	1.6	118
41	Role of the Cytokine-inducible SH2 Protein CIS in Desensitization of STAT5b Signaling by Continuous Growth Hormone. <i>Journal of Biological Chemistry</i> , 2000, 275, 39487-39496.	1.6	108
42	Codependence of Growth Hormone-Responsive, Sexually Dimorphic Hepatic Gene Expression on Signal Transducer and Activator of Transcription 5b and Hepatic Nuclear Factor 4 α . <i>Molecular Endocrinology</i> , 2006, 20, 647-660.	3.7	105
43	Plasma Growth Hormone Pulse Activation of Hepatic JAK-STAT5 Signaling: Developmental Regulation and Role in Male-Specific Liver Gene Expression. <i>Endocrinology</i> , 2000, 141, 3245-3255.	1.4	99
44	Unbiased, Genome-Wide <i>In Vivo</i> Mapping of Transcriptional Regulatory Elements Reveals Sex Differences in Chromatin Structure Associated with Sex-Specific Liver Gene Expression. <i>Molecular and Cellular Biology</i> , 2010, 30, 5531-5544.	1.1	98
45	Loss of Sexually Dimorphic Liver Gene Expression upon Hepatocyte-Specific Deletion of Stat5a-Stat5b Locus. <i>Endocrinology</i> , 2007, 148, 1977-1986.	1.4	97
46	Activation of the Anticancer Prodrugs Cyclophosphamide and Ifosfamide: Identification of Cytochrome P450 2B Enzymes and Site-Specific Mutants with Improved Enzyme Kinetics. <i>Molecular Pharmacology</i> , 2004, 65, 1278-1285.	1.0	96
47	STAT5b-deficient Mice Are Growth Hormone Pulse-resistant. <i>Journal of Biological Chemistry</i> , 1999, 274, 35331-35336.	1.6	95
48	Female-Predominant Rat Hepatic P-450 Forms j (IIE1) and 3 (IIA1) Are under Hormonal Regulatory Controls Distinct from Those of the Sex-Specific P-450 Forms*. <i>Endocrinology</i> , 1989, 124, 2954-2966.	1.4	92
49	Chiral sulfoxidations catalyzed by rat liver cytochromes P-450. <i>Biochemistry</i> , 1982, 21, 2499-2507.	1.2	89
50	Directed Evolution of Mammalian Cytochrome P450 2B1. <i>Journal of Biological Chemistry</i> , 2005, 280, 19569-19575.	1.6	89
51	Intrinsic Sex Differences in the Early Growth Hormone Responsiveness of Sex-Specific Genes in Mouse Liver. <i>Molecular Endocrinology</i> , 2010, 24, 667-678.	3.7	89
52	Metronomic cyclophosphamide eradicates large implanted GL261 gliomas by activating antitumor Cd8 ⁺ T-cell responses and immune memory. <i>Oncolmmunology</i> , 2015, 4, e1005521.	2.1	88
53	Liver-Specific Hepatocyte Nuclear Factor-4 α Deficiency: Greater Impact on Gene Expression in Male than in Female Mouse Liver. <i>Molecular Endocrinology</i> , 2008, 22, 1274-1286.	3.7	87
54	Pituitary Regulation of the Male-Specific Steroid 6 β -Hydroxylase P-450 2a (gene product IIIA2) in Adult Rat Liver. Suppressive Influence of Growth Hormone and Thyroxine Acting at a Pretranslational Level. <i>Molecular Endocrinology</i> , 1990, 4, 447-454.	3.7	86

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55	Feminization of Male Mouse Liver by Persistent Growth Hormone Stimulation: Activation of Sex-Biased Transcriptional Networks and Dynamic Changes in Chromatin States. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	86
56	STAT5 Signaling in Sexually Dimorphic Gene Expression and Growth Patterns. <i>American Journal of Human Genetics</i> , 1999, 65, 959-965.	2.6	85
57	Growth Hormone Determines Sexual Dimorphism of Hepatic Cytochrome P450 3A4 Expression in Transgenic Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1328-1334.	1.3	84
58	Harnessing apoptosis for improved anticancer gene therapy. <i>Cancer Research</i> , 2003, 63, 8563-72.	0.4	82
59	Regulation of liver-specific steroid metabolizing cytochromes P450: Cholesterol 7 α -hydroxylase, bile acid 6 β -hydroxylase, and growth hormone-responsive steroid hormone hydroxylases. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992, 43, 1055-1072.	1.2	80
60	Impact of CUX2 on the Female Mouse Liver Transcriptome: Activation of Female-Biased Genes and Repression of Male-Biased Genes. <i>Molecular and Cellular Biology</i> , 2012, 32, 4611-4627.	1.1	80
61	Growth Hormone, but Not Prolactin, Maintains Low-Level Activation of STAT5a and STAT5b in Female Rat Liver. <i>Endocrinology</i> , 1999, 140, 5126-5135.	1.4	79
62	VEGF Receptor Inhibitors Block the Ability of Metronomically Dosed Cyclophosphamide to Activate Innate Immunity–Induced Tumor Regression. <i>Cancer Research</i> , 2012, 72, 1103-1115.	0.4	79
63	Temporal Relationship Between the Sexually Dimorphic Spontaneous GH Secretory Profiles and Hepatic STAT5 Activity. <i>Endocrinology</i> , 2001, 142, 4599-4606.	1.4	77
64	Modulation of the antitumor activity of metronomic cyclophosphamide by the angiogenesis inhibitor axitinib. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 79-89.	1.9	77
65	Male-Specific Hepatic Bcl6: Growth Hormone-Induced Block of Transcription Elongation in Females and Binding to Target Genes Inversely Coordinated with STAT5. <i>Molecular Endocrinology</i> , 2009, 23, 1914-1926.	3.7	77
66	Role of cellular glutathione and glutathione S-transferase in the expression of alkylating agent cytotoxicity in human breast cancer cells. <i>Biochemical Pharmacology</i> , 1994, 47, 1079-1087.	2.0	76
67	Cytochrome P450 Gene-directed Enzyme Prodrug Therapy (GDEPT) for Cancer. <i>Current Pharmaceutical Design</i> , 2002, 8, 1405-1416.	0.9	76
68	Termination of Growth Hormone Pulse-Induced STAT5b Signaling. <i>Molecular Endocrinology</i> , 1999, 13, 38-56.	3.7	75
69	Use of reverse transcription–polymerase chain reaction to evaluate in vivo cytokine gene expression in rats fed ethanol for long periods. <i>Hepatology</i> , 1994, 19, 1483-1487.	3.6	73
70	Exploring the Binding Site Structure of the PPAR γ Ligand-Binding Domain by Computational Solvent Mapping. <i>Biochemistry</i> , 2005, 44, 1193-1209.	1.2	71
71	Sex-specific mouse liver gene expression: genome-wide analysis of developmental changes from pre-pubertal period to young adulthood. <i>Biology of Sex Differences</i> , 2012, 3, 9.	1.8	71
72	Changes in Cytochromes P-450, 2E1, 2B1, and 4A, and Phospholipases A and C in the Intragastric Feeding Rat Model for Alcoholic Liver Disease: Relationship to Dietary Fats and Pathologic Liver Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 902-908.	1.4	70

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73	The Structural Basis of Pregnane X Receptor Binding Promiscuity. <i>Biochemistry</i> , 2009, 48, 11572-11581.	1.2	70
74	Sex-Specific Early Growth Hormone Response Genes in Rat Liver. <i>Molecular Endocrinology</i> , 2008, 22, 1962-1974.	3.7	69
75	STAT5b Down-regulates Peroxisome Proliferator-activated Receptor α Transcription by Inhibition of Ligand-independent Activation Function Region-1trans-Activation Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 29874-29882.	1.6	68
76	Synergistic Action of Hepatocyte Nuclear Factors 3 and 6 on CYP2C12 Gene Expression and Suppression by Growth Hormone-activated STAT5b. <i>Journal of Biological Chemistry</i> , 2000, 275, 34173-34182.	1.6	66
77	Down-Regulation of Liver JAK2-STAT5b Signaling by the Female Plasma Pattern of Continuous Growth Hormone Stimulation. <i>Molecular Endocrinology</i> , 1999, 13, 213-227.	3.7	65
78	Intermittent Metronomic Drug Schedule Is Essential for Activating Antitumor Innate Immunity and Tumor Xenograft Regression. <i>Neoplasia</i> , 2014, 16, 84-W27.	2.3	65
79	Role of STAT5a in regulation of sex-specific gene expression in female but not male mouse liver revealed by microarray analysis. <i>Physiological Genomics</i> , 2007, 31, 63-74.	1.0	64
80	Signalling Elements in the Ultradian Rhythm of Circulating Growth Hormone Regulating Expression of Sex-Dependent Forms of Hepatic Cytochrome P450*. <i>Endocrinology</i> , 1989, 125, 2935-2943.	1.4	63
81	Environmental phthalate monoesters activate pregnane X receptor-mediated transcription. <i>Toxicology and Applied Pharmacology</i> , 2004, 199, 266-274.	1.3	63
82	Mini ReviewRole of Hepatocyte Nuclear Factors in Growth Hormone-regulated, Sexually Dimorphic Expression of Liver Cytochromes P450*. <i>Growth Factors</i> , 2004, 22, 79-88.	0.5	63
83	Serine Phosphorylation of GH-Activated Signal Transducer and Activator of Transcription 5a (STAT5a) and STAT5b: Impact on STAT5 Transcriptional Activity. <i>Molecular Endocrinology</i> , 2001, 15, 2157-2171.	3.7	62
84	Role of the Cytokine-induced SH2 Domain-containing Protein CIS in Growth Hormone Receptor Internalization. <i>Journal of Biological Chemistry</i> , 2005, 280, 37471-37480.	1.6	62
85	Use of Replication-Conditional Adenovirus as a Helper System to Enhance Delivery of P450 Prodrug-Activation Genes for Cancer Therapy. <i>Cancer Research</i> , 2004, 64, 292-303.	0.4	61
86	Activation of oxazaphosphorines by cytochrome P450: Application to gene-directed enzyme prodrug therapy for cancer. <i>Toxicology in Vitro</i> , 2006, 20, 176-186.	1.1	61
87	Activation of the anti-cancer drug ifosfamide by rat liver microsomal P450 enzymes. <i>Biochemical Pharmacology</i> , 1993, 45, 1685-1694.	2.0	60
88	Inhibitory Cross-talk between STAT5b and Liver Nuclear Factor HNF3 β . <i>Journal of Biological Chemistry</i> , 2001, 276, 43031-43039.	1.6	59
89	CYTOCHROME P450-BASED CANCER GENE THERAPY: RECENT ADVANCES AND FUTURE PROSPECTS. <i>Drug Metabolism Reviews</i> , 1999, 31, 503-522.	1.5	58
90	Hepatic P450 Expression in Hypothyroid Rats: Differential Responsiveness of Male-Specific P450 Forms 2a (IIIA2), 2c (IIC11), and RLM2 (IIA2) to Thyroid Hormone. <i>Molecular Endocrinology</i> , 1991, 5, 13-20.	3.7	57

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91	Changes in Microsomal Phospholipases and Arachidonic Acid in Experimental Alcoholic Liver Injury: Relationship to Cytochrome P-450 2E1 Induction and Conjugated Diene Formation. <i>Alcoholism: Clinical and Experimental Research</i> , 1993, 17, 598-603.	1.4	57
92	Medium dose intermittent cyclophosphamide induces immunogenic cell death and cancer cell autonomous type I interferon production in glioma models. <i>Cancer Letters</i> , 2020, 470, 170-180.	3.2	57
93	[24] Rat hepatic P450IIA and P450IIC subfamily expression using catalytic, immunochemical, and molecular probes. <i>Methods in Enzymology</i> , 1991, 206, 249-267.	0.4	55
94	Impact of dimethyl sulfoxide on expression of nuclear receptors and drug-inducible cytochromes P450 in primary rat hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 2004, 424, 226-234.	1.4	55
95	Computational prediction of CTCF/cohesin-based intra-TAD loops that insulate chromatin contacts and gene expression in mouse liver. <i>ELife</i> , 2018, 7, .	2.8	55
96	Disruption of STAT5b-Regulated Sexual Dimorphism of the Liver Transcriptome by Diverse Factors Is a Common Event. <i>PLoS ONE</i> , 2016, 11, e0148308.	1.1	55
97	Interaction of Anticancer Drugs with Hepatic Monooxygenase Enzymes. <i>Drug Metabolism Reviews</i> , 1989, 20, 395-439.	1.5	53
98	Down-Regulation of STAT5b Transcriptional Activity by Ligand-Activated Peroxisome Proliferator-Activated Receptor (PPAR) α and PPAR β . <i>Molecular Pharmacology</i> , 2003, 64, 355-364.	1.0	53
99	Characterization of Three Growth Hormone-Responsive Transcription Factors Preferentially Expressed in Adult Female Liver. <i>Endocrinology</i> , 2007, 148, 3327-3337.	1.4	53
100	Activation of Male Liver Chromatin Accessibility and STAT5-Dependent Gene Transcription by Plasma Growth Hormone Pulses. <i>Endocrinology</i> , 2017, 158, 1386-1405.	1.4	53
101	Aryl hydrocarbon receptor-independent activation of estrogen receptor-dependent transcription by 3-methylcholanthrene. <i>Toxicology and Applied Pharmacology</i> , 2006, 213, 87-97.	1.3	52
102	Metronomic cyclophosphamide schedule-dependence of innate immune cell recruitment and tumor regression in an implanted glioma model. <i>Cancer Letters</i> , 2014, 353, 272-280.	3.2	52
103	Long non-coding RNA Gm15441 attenuates hepatic inflammasome activation in response to PPARA agonism and fasting. <i>Nature Communications</i> , 2020, 11, 5847.	5.8	52
104	Cross Talk Between GH-Regulated Transcription Factors HNF6 and CUX2 in Adult Mouse Liver. <i>Molecular Endocrinology</i> , 2015, 29, 1286-1302.	3.7	51
105	Phenotypic differences in expression of cytochrome P-450g but not its mRNA in outbred male Sprague-Dawley rats. <i>Archives of Biochemistry and Biophysics</i> , 1987, 253, 13-25.	1.4	50
106	PC3 prostate tumor-initiating cells with molecular profile FAM65B ^{high} /MFI2 ^{low} /LEF1 ^{low} increase tumor angiogenesis. <i>Molecular Cancer</i> , 2010, 9, 319.	7.9	50
107	Simultaneous, bidirectional inhibitory crosstalk between PPAR and STAT5b. <i>Toxicology and Applied Pharmacology</i> , 2004, 199, 275-284.	1.3	47
108	Antiangiogenesis Enhances Intratumoral Drug Retention. <i>Cancer Research</i> , 2011, 71, 2675-2685.	0.4	47

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109	Feasibility of spatial frequency domain imaging (SFDI) for optically characterizing a preclinical oncology model. <i>Biomedical Optics Express</i> , 2016, 7, 4154.	1.5	47
110	Preparation and characterization of monoclonal antibodies to pregnenolone 16- β -carbonitrile inducible rat liver cytochrome P-450. <i>Biochemical Pharmacology</i> , 1986, 35, 2859-2867.	2.0	46
111	[44] P450-catalyzed steroid hydroxylation: Assay and product identification by thin-layer chromatography. <i>Methods in Enzymology</i> , 1991, 206, 462-476.	0.4	46
112	Conditionally Replicating Adenoviruses for Cancer Treatment. <i>Current Cancer Drug Targets</i> , 2007, 7, 285-301.	0.8	45
113	Chemical and Hormonal Effects on STAT5b-Dependent Sexual Dimorphism of the Liver Transcriptome. <i>PLoS ONE</i> , 2016, 11, e0150284.	1.1	45
114	Regulation of Signal Transducer and Activator of Transcription (STAT) 5b Activation by the Temporal Pattern of Growth Hormone Stimulation. <i>Molecular Endocrinology</i> , 1997, 11, 400-414.	3.7	45
115	Sex-Differential Responses of Tumor Promotion-Associated Genes and Dysregulation of Novel Long Noncoding RNAs in Constitutive Androstane Receptor-Activated Mouse Liver. <i>Toxicological Sciences</i> , 2017, 159, 25-41.	1.4	44
116	Posttranslational modification of hepatic cytochrome P-450. Phosphorylation of phenobarbital-inducible P-450 forms PB-4 (IIB1) and PB-5 (IIB2) in isolated rat hepatocytes and in vivo. <i>Biochemistry</i> , 1989, 28, 3145-3152.	1.2	43
117	Environmental and Endogenous Peroxisome Proliferator-Activated Receptor β Agonists Induce Bone Marrow B Cell Growth Arrest and Apoptosis: Interactions between Mono(2-ethylhexyl)phthalate, 9- <i>cis</i> -Retinoic Acid, and 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ . <i>Journal of Immunology</i> , 2004, 173, 3165-3177.	0.4	42
118	ENANTIOSELECTIVE METABOLISM AND CYTOTOXICITY OF IFOSFAMIDE ANDS-IFOSFAMIDE BY TUMOR CELL-EXPRESSED CYTOCHROMES P450. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1261-1267.	1.7	42
119	Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. <i>PLoS Genetics</i> , 2020, 16, e1008796.	1.5	42
120	Interaction of a Novel Sex-dependent, Growth Hormone-regulated Liver Nuclear Factor with CYP2C12 Promoter. <i>Journal of Biological Chemistry</i> , 1996, 271, 29978-29987.	1.6	41
121	Identification of glutathione S-transferase as a determinant of 4-hydroperoxycyclophosphamide resistance in human breast cancer cells. <i>Biochemical Pharmacology</i> , 1995, 49, 1691-1701.	2.0	40
122	Dominant Effect of Antiangiogenesis in Combination Therapy Involving Cyclophosphamide and Axitinib. <i>Clinical Cancer Research</i> , 2009, 15, 578-588.	3.2	40
123	Enhanced antitumor activity of P450 prodrug-based gene therapy using the low Km cyclophosphamide 4-hydroxylase P450 2B11. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 541-555.	1.9	39
124	Growth Hormone Pulse-Activated STAT5 Signalling: A Unique Regulatory Mechanism Governing Sexual Dimorphism of Liver Gene Expression. <i>Novartis Foundation Symposium</i> , 2008, 227, 61-81.	1.2	39
125	Hepatic Long Intergenic Noncoding RNAs: High Promoter Conservation and Dynamic, Sex-Dependent Transcriptional Regulation by Growth Hormone. <i>Molecular and Cellular Biology</i> , 2016, 36, 50-69.	1.1	39
126	Dynamic in Vivo Binding of STAT5 to Growth Hormone-Regulated Genes in Intact Rat Liver. Sex-Specific Binding at Low- But Not High-Affinity STAT5 Sites. <i>Molecular Endocrinology</i> , 2009, 23, 1242-1254.	3.7	38

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127	STAT5b Is Required for GH-Induced Liver Igf-I Gene Expression. <i>Endocrinology</i> , 2001, 142, 3836-3841.	1.4	38
128	Isolation and characterization of cDNA clones for cytochromes P-450 immunochemically related to rat hepatic P-450 form PB-1. <i>Biochemistry</i> , 1986, 25, 7975-7983.	1.2	37
129	Impact of liver P450 reductase suppression on cyclophosphamide activation, pharmacokinetics and antitumoral activity in a cytochrome P450-based cancer gene therapy model. <i>Cancer Gene Therapy</i> , 2000, 7, 1034-1042.	2.2	37
130	Toxicity of ethylene glycol monomethyl ether: impact on testicular gene expression. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 269-274.	3.6	37
131	Differential apoprotein loss of rat liver cytochromes P450 after their inactivation by 3,5-dicarbethoxy-2,6-dimethyl-4-ethyl-1,4-dihydropyridine: A case for distinct proteolytic mechanisms?. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 493-503.	1.4	36
132	Changes in Mouse Uterine Transcriptome in Estrus and Proestrus ¹ . <i>Biology of Reproduction</i> , 2013, 89, 13.	1.2	36
133	MAnorm2 for quantitatively comparing groups of ChIP-seq samples. <i>Genome Research</i> , 2021, 31, 131-145.	2.4	36
134	Hormonal Regulation of Levels of the Messenger RNA Encoding Hepatic P450 2c (IIC11), a Constitutive Male-Specific Form of Cytochrome P450. <i>Molecular Endocrinology</i> , 1990, 4, 295-303.	3.7	35
135	Computational Solvent Mapping Reveals the Importance of Local Conformational Changes for Broad Substrate Specificity in Mammalian Cytochromes P450. <i>Biochemistry</i> , 2006, 45, 9393-9407.	1.2	35
136	Phosphorylation of carcinogen metabolizing enzymes: regulation of the phosphorylation status of the major phenobarbital inducible cytochromes P-450 in hepatocytes. <i>Carcinogenesis</i> , 1989, 10, 225-228.	1.3	34
137	Multi-modal characterization of vasculature and nanoparticle accumulation in five tumor xenograft models. <i>Journal of Controlled Release</i> , 2018, 279, 292-305.	4.8	34
138	Sex-Biased lncRNAs Inversely Correlate With Sex-Opposite Gene Coexpression Networks in Diversity Outbred Mouse Liver. <i>Endocrinology</i> , 2019, 160, 989-1007.	1.4	34
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