Masahiko Negishi

List of Publications by Year
in descending order

265	19,371	10351 72	14156 128
papers	citations	h-index	g-index

271	271	271	8131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Nuclear Orphan Receptor CAR-Retinoid X Receptor Heterodimer Activates the Phenobarbital-Responsive Enhancer Module of the CYP2B Gene. Molecular and Cellular Biology, 1998, 18, 5652-5658.	1.1	678
2	The Repressed Nuclear Receptor CAR Responds to Phenobarbital in Activating the Human CYP2B6 Gene. Journal of Biological Chemistry, 1999, 274, 6043-6046.	1.6	600
3	Phenobarbital-Responsive Nuclear Translocation of the Receptor CAR in Induction of the CYP2B Gene. Molecular and Cellular Biology, 1999, 19, 6318-6322.	1.1	523
4	Diverse Roles of the Nuclear Orphan Receptor CAR in Regulating Hepatic Genes in Response to Phenobarbital. Molecular Pharmacology, 2002, 61, 1-6.	1.0	446
5	Alteration of mouse cytochrome P450coh substrate specificity by mutation of a single amino-acid residue. Nature, 1989, 339, 632-634.	13.7	416
6	CAR and PXR: The xenobiotic-sensing receptorsâ˜†. Steroids, 2007, 72, 231-246.	0.8	394
7	Regulation of cytochrome P450 (CYP) genes by nuclear receptors. Biochemical Journal, 2000, 347, 321-337.	1.7	383
8	PHENOBARBITALRESPONSEELEMENTS OFCYTOCHROMEP450 GENES ANDNUCLEARRECEPTORS. Annual Review of Pharmacology and Toxicology, 2001, 41, 123-143.	4.2	356
9	The phenobarbital response enhancer module in the human bilirubin UDP-glucuronosyltransferase UGT1A1 gene and regulation by the nuclear receptor CAR. Hepatology, 2001, 33, 1232-1238.	3.6	333
10	The Orphan Nuclear Receptor Constitutive Active/Androstane Receptor Is Essential for Liver Tumor Promotion by Phenobarbital in Mice. Cancer Research, 2004, 64, 7197-7200.	0.4	324
11	Structure and Function of Sulfotransferases. Archives of Biochemistry and Biophysics, 2001, 390, 149-157.	1.4	306
12	Genetic Mechanisms Controlling the Induction of Polysubstrate Monooxygenase (P-450) Activities. Annual Review of Pharmacology and Toxicology, 1981, 21, 431-462.	4.2	297
13	Nuclear Receptors CAR and PXR Cross Talk with FOXO1 To Regulate Genes That Encode Drug-Metabolizing and Gluconeogenic Enzymes. Molecular and Cellular Biology, 2004, 24, 7931-7940.	1.1	295
14	Relative Activation of Human Pregnane X Receptor versus Constitutive Androstane Receptor Defines Distinct Classes of CYP2B6 and CYP3A4 Inducers. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 72-80.	1.3	281
15	Regulation of cytochrome P450 (CYP) genes by nuclear receptors. Biochemical Journal, 2000, 347, 321.	1.7	274
16	Complementary Roles of Farnesoid X Receptor, Pregnane X Receptor, and Constitutive Androstane Receptor in Protection against Bile Acid Toxicity. Journal of Biological Chemistry, 2003, 278, 45062-45071.	1.6	272
17	Crystal structure of estrogen sulphotransferase. Nature Structural and Molecular Biology, 1997, 4, 904-908.	3.6	263
18	The Ah locus: Correlation of intranuclear appearance of inducer-receptor complex with induction of cytochrome P1-450 mRNA. Cell, 1982, 31, 275-284.	13.5	209

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19	Induction of Human CYP2C9 by Rifampicin, Hyperforin, and Phenobarbital Is Mediated by the Pregnane X Receptor. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 495-501.	1.3	206
20	Identification of a Defect in the UGT1A1 Gene Promoter and Its Association with Hyperbilirubinemia. Biochemical and Biophysical Research Communications, 2002, 292, 492-497.	1.0	201
21	A Novel Distal Enhancer Module Regulated by Pregnane X Receptor/Constitutive Androstane Receptor Is Essential for the Maximal Induction of CYP2B6 Gene Expression. Journal of Biological Chemistry, 2003, 278, 14146-14152.	1.6	195
22	Human CYP2C8 Is Transcriptionally Regulated by the Nuclear Receptors Constitutive Androstane Receptor, Pregnane X Receptor, Glucocorticoid Receptor, and Hepatic Nuclear Factor 4Î±. Molecular Pharmacology, 2005, 68, 747-757.	1.0	185
23	Heparan/Chondroitin Sulfate Biosynthesis. Journal of Biological Chemistry, 2000, 275, 34580-34585.	1.6	178
24	REGULATION OF CYP2B6 IN PRIMARY HUMAN HEPATOCYTES BY PROTOTYPICAL INDUCERS. Drug Metabolism and Disposition, 2004, 32, 348-358.	1.7	177
25	Cytoplasmic Accumulation of the Nuclear Receptor CAR by a Tetratricopeptide Repeat Protein in HepG2 Cells. Molecular Pharmacology, 2003, 64, 1069-1075.	1.0	173
26	Synthesis and insertion of cytochrome P-450 into endoplasmic reticulum membranes.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 965-969.	3.3	172
27	Differential Regulation of Hepatic CYP2B6 and CYP3A4 Genes by Constitutive Androstane Receptor but Not Pregnane X Receptor. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1200-1209.	1.3	171
28	Activation by Diverse Xenochemicals of the 51-Base Pair Phenobarbital-Responsive Enhancer Module in the CYP2B10Gene. Molecular Pharmacology, 1998, 53, 597-601.	1.0	170
29	Cytoplasmic Localization of Pregnane X Receptor and Ligand-dependent Nuclear Translocation in Mouse Liver. Journal of Biological Chemistry, 2004, 279, 49307-49314.	1.6	163
30	Phenobarbital Indirectly Activates the Constitutive Active Androstane Receptor (CAR) by Inhibition of Epidermal Growth Factor Receptor Signaling. Science Signaling, 2013, 6, ra31.	1.6	163
31	Drug-activated nuclear receptors CAR and PXR. Annals of Medicine, 2003, 35, 172-182.	1.5	161
32	Identification of Constitutive Androstane Receptor and Glucocorticoid Receptor Binding Sites in the CYP2C19 Promoter. Molecular Pharmacology, 2003, 64, 316-324.	1.0	160
33	Conserved structural motifs in the sulfotransferase family. Trends in Biochemical Sciences, 1998, 23, 129-130.	3.7	158
34	Nuclear Pregnane X Receptor Cross-talk with FoxA2 to Mediate Drug-induced Regulation of Lipid Metabolism in Fasting Mouse Liver. Journal of Biological Chemistry, 2007, 282, 9768-9776.	1.6	156
35	Estrogen Activation of the Nuclear Orphan Receptor CAR (Constitutive Active Receptor) in Induction of the MouseCyp2b10Gene. Molecular Endocrinology, 2000, 14, 1897-1905.	3.7	153
36	The Peptide Near the C Terminus Regulates Receptor CAR Nuclear Translocation Induced by Xenochemicals in Mouse Liver. Molecular and Cellular Biology, 2001, 21, 2838-2846.	1.1	152

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37	Multiple forms of cytochrome P-450 and the importance of molecular biology and evolution. Biochemical Pharmacology, 1982, 31, 2311-2317.	2.0	149
38	Regulation of HumanCYP2C9by the Constitutive Androstane Receptor: Discovery of a New Distal Binding Site. Molecular Pharmacology, 2002, 62, 737-746.	1.0	149
39	Identification of the nuclear receptor CAR:HSP90 complex in mouse liver and recruitment of protein phosphatase 2A in response to phenobarbital. FEBS Letters, 2003, 548, 17-20.	1.3	147
40	Estrogen Receptor Î± Mediates 17Î±-Ethynylestradiol Causing Hepatotoxicity*. Journal of Biological Chemistry, 2006, 281, 16625-16631.	1.6	140
41	CAR, Driving into the Future. Molecular Endocrinology, 2004, 18, 1589-1598.	3.7	137
42	Human Constitutive Androstane Receptor Mediates Induction of CYP2B6 Gene Expression by Phenytoin. Journal of Biological Chemistry, 2004, 279, 29295-29301.	1.6	136
43	The Sulfuryl Transfer Mechanism. Journal of Biological Chemistry, 1998, 273, 27325-27330.	1.6	135
44	Transcriptional Regulation of Human UGT1A1 Gene Expression: Activated Glucocorticoid Receptor Enhances constitutive Androstane Receptor/Pregnane X Receptor-Mediated UDP-Glucuronosyltransferase 1A1 Regulation with Glucocorticoid Receptor-Interacting Protein 1. Molecular Pharmacology, 2005, 67, 845-855.	1.0	134
45	Characterization of a Phenobarbital-responsive Enhancer Module in Mouse P450 Cyp2b10 Gene. Journal of Biological Chemistry, 1997, 272, 14943-14949.	1.6	128
46	Crystal Structure of the Sulfotransferase Domain of Human Heparan SulfateN-Deacetylase/N-Sulfotransferase 1. Journal of Biological Chemistry, 1999, 274, 10673-10676.	1.6	128
47	The Roles of Nuclear Receptors CAR and PXR in Hepatic Energy Metabolism. Drug Metabolism and Pharmacokinetics, 2008, 23, 8-13.	1.1	122
48	Crystal structure of human catecholamine sulfotransferase 1 1Edited by R. Huber. Journal of Molecular Biology, 1999, 293, 521-530.	2.0	119
49	Dephosphorylation of Threonine 38 Is Required for Nuclear Translocation and Activation of Human Xenobiotic Receptor CAR (NR1I3). Journal of Biological Chemistry, 2009, 284, 34785-34792.	1.6	117
50	Transcriptional Regulation of Cytochrome P450 2B Genes by Nuclear Receptors. Current Drug Metabolism, 2003, 4, 515-525.	0.7	116
51	Phenobarbital-Elicited Activation of Nuclear Receptor CAR in Induction of Cytochrome P450 Genes. Biochemical and Biophysical Research Communications, 2000, 277, 1-6.	1.0	109
52	Characterization of Phenobarbital-inducible Mouse Cyp2b10 Gene Transcription in Primary Hepatocytes. Journal of Biological Chemistry, 1996, 271, 9746-9753.	1.6	107
53	Crystal Structure of the Human Estrogen Sulfotransferase-PAPS Complex. Journal of Biological Chemistry, 2002, 277, 17928-17932.	1.6	107
54	The Nuclear Receptors Constitutive Androstane Receptor and Pregnane X Receptor Cross-Talk with Hepatic Nuclear Factor 4Î± to Synergistically Activate the Human CYP2C9 Promoter. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 1125-1133.	1.3	104

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55	Human nuclear pregnane X receptor cross-talk with CREB to repress cAMP activation of the glucose-6-phosphatase gene. Biochemical Journal, 2007, 407, 373-381.	1.7	103
56	Mouse steroid 15.alpha.-hydroxylase gene family: identification of type II P-45015.alpha. as coumarin 7-hydroxylase. Biochemistry, 1989, 28, 4169-4172.	1.2	102
57	The Environmental Pollutant 1,1-Dichloro-2,2-bis (p-chlorophenyl)ethylene Induces Rat Hepatic Cytochrome P450 2B and 3A Expression through the Constitutive Androstane Receptor and Pregnane X Receptor. Molecular Pharmacology, 2003, 64, 474-481.	1.0	100
58	The Ah Locus, A Multigene Family Necessary for Survival in A Chemically Adverse Environment: Comparison With the Immune System. Advances in Genetics, 1982, 21, 1-52.	0.8	99
59	The dimerization motif of cytosolic sulfotransferases. FEBS Letters, 2001, 490, 39-43.	1.3	99
60	Crystal structure of SULT2A3, human hydroxysteroid sulfotransferase. FEBS Letters, 2000, 475, 61-64.	1.3	98
61	Protein serine/threonine phosphatase inhibitors suppress phenobarbital-induced Cyp2b10 gene transcription in mouse primary hepatocytes. Biochemical Journal, 1998, 330, 889-895.	1.7	97
62	Role of Constitutive Androstane Receptor in the In Vivo Induction of Mrp3 and CYP2B1/2 by Phenobarbital. Drug Metabolism and Disposition, 2002, 30, 918-923.	1.7	97
63	Crystal Structure of an Î±1,4-N-Acetylhexosaminyltransferase (EXTL2), a Member of the Exostosin Gene Family Involved in Heparan Sulfate Biosynthesis. Journal of Biological Chemistry, 2003, 278, 14420-14428.	1.6	95
64	The Peripheral Benzodiazepine Receptor Ligand 1-(2-Chlorophenyl-methylpropyl)-3-isoquinoline-carboxamide Is a Novel Antagonist of Human Constitutive Androstane Receptor. Molecular Pharmacology, 2008, 74, 443-453.	1.0	92
65	Glucocorticoid Receptor Enhancement of Pregnane X Receptor-Mediated CYP2B6 Regulation in Primary Human Hepatocytes. Drug Metabolism and Disposition, 2003, 31, 620-630.	1.7	89
66	Nuclear receptors CAR and PXR in the regulation of hepatic metabolism. Xenobiotica, 2006, 36, 1152-1163.	0.5	84
67	A DNA methylation site in the male-specific P450 (Cyp 2d-9) promoter and binding of the heteromeric transcription factor GABP. Molecular and Cellular Biology, 1995, 15, 5355-5362.	1.1	83
68	Nuclear Receptor CAR as a Regulatory Factor for the Sexually Dimorphic Induction of CYP2B1 Gene by Phenobarbital in Rat Livers. Molecular Pharmacology, 2001, 59, 278-284.	1.0	83
69	New Insights on the Xenobiotic-Sensing Nuclear Receptors in Liver Diseases â€“ CAR and PXR-. Current Drug Metabolism, 2008, 9, 614-621.	0.7	81
70	Discovery of Estrogen Sulfotransferase Inhibitors from a Purine Library Screen. Journal of Medicinal Chemistry, 2001, 44, 2683-2686.	2.9	79
71	Structural Analysis of the Sulfotransferase (3-O-Sulfotransferase Isoform 3) Involved in the Biosynthesis of an Entry Receptor for Herpes Simplex Virus 1. Journal of Biological Chemistry, 2004, 279, 45185-45193.	1.6	77
72	Regulation of gene expression by CAR: an update. Archives of Toxicology, 2015, 89, 1045-1055.	1.9	75

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73	The role of the nuclear receptor constitutive androstane receptor in the pathogenesis of non-alcoholic steatohepatitis. Gut, 2007, 56, 565-574.	6.1	74
74	The Structure, Function, and Regulation of Cytochrome P450 2A Enzymes. Drug Metabolism Reviews, 1997, 29, 977-996.	1.5	72
75	Isolation and characterization of a cloned DNA sequence associated with the murine Ah locus and a 3-methylcholanthrene-induced form of cytochrome P-450. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 800-804.	3.3	71
76	Extracellular Signal-Regulated Kinase Is an Endogenous Signal Retaining the Nuclear Constitutive Active/Androstane Receptor (CAR) in the Cytoplasm of Mouse Primary Hepatocytes. Molecular Pharmacology, 2007, 71, 1217-1221.	1.0	71
77	Crystal Structure of Human Cholesterol Sulfotransferase (SULT2B1b) in the Presence of Pregnenolone and 3â€²-Phosphoadenosine 5â€²-Phosphate. Journal of Biological Chemistry, 2003, 278, 44593-44599.	1.6	70
78	Phenobarbital Confers its Diverse Effects by Activating the Orphan Nuclear Receptor Car. Drug Metabolism Reviews, 2006, 38, 75-87.	1.5	70
79	Structural analysis by X-ray crystallography and calorimetry of a haemagglutinin component (HA1) of the progenitor toxin from Clostridium botulinum. Microbiology (United Kingdom), 2003, 149, 3361-3370.	0.7	69
80	Structural flexibility and functional versatility of mammalian P450 enzymes. FASEB Journal, 1996, 10, 683-689.	0.2	68
81	IDENTIFICATION OF HMG-CoA REDUCTASE INHIBITORS AS ACTIVATORS FOR HUMAN, MOUSE AND RAT CONSTITUTIVE ANDROSTANE RECEPTOR. Drug Metabolism and Disposition, 2005, 33, 924-929.	1.7	68
82	2-O-Phosphorylation of Xylose and 6-O-Sulfation of Galactose in the Protein Linkage Region of Glycosaminoglycans Influence the Glucuronyltransferase-I Activity Involved in the Linkage Region Synthesis. Journal of Biological Chemistry, 2008, 283, 16801-16807.	1.6	68
83	SLC13A5 Is a Novel Transcriptional Target of the Pregnane X Receptor and Sensitizes Drug-Induced Steatosis in Human Liver. Molecular Pharmacology, 2015, 87, 674-682.	1.0	68
84	Regulatory DNA elements of phenobarbital-responsive cytochrome P450 CYP2B genes. Journal of Biochemical and Molecular Toxicology, 1998, 12, 3-9.	1.4	67
85	Developmental Action of Estrogen Receptor-Î± Feminizes the Growth Hormone-Stat5b Pathway and Expression ofCyp2a4andCyp2d9Genes in Mouse Liver. Molecular Pharmacology, 1999, 56, 473-477.	1.0	67
86	Crystal Structure of Î²1,3-Glucuronyltransferase I in Complex with Active Donor Substrate UDP-GlcUA. Journal of Biological Chemistry, 2002, 277, 21869-21873.	1.6	67
87	Gene family of male-specific testosterone 16.alpha.-hydroxylase (C-P-45016.alpha.) in mouse liver: cDNA sequences, neonatal imprinting, and reversible regulation by androgen. Biochemistry, 1987, 26, 8683-8690.	1.2	64
88	The role of the nuclear receptor CAR as a coordinate regulator of hepatic gene expression in defense against chemical toxicity. Archives of Biochemistry and Biophysics, 2003, 409, 207-211.	1.4	64
89	Crystal Structure and Mutational Analysis of Heparan Sulfate 3-O-Sulfotransferase Isoform 1. Journal of Biological Chemistry, 2004, 279, 25789-25797.	1.6	64
90	Serine 202 Regulates the Nuclear Translocation of Constitutive Active/Androstane Receptor. Molecular Pharmacology, 2006, 69, 1095-1102.	1.0	63

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91	Crystallographic analysis of a hydroxylated polychlorinated biphenyl (OH-PCB) bound to the catalytic estrogen binding site of human estrogen sulfotransferase.. Environmental Health Perspectives, 2003, 111, 884-888.	2.8	62
92	Cellular Localization and Regulation of Expression of Testicular Estrogen Sulfotransferase. Endocrinology, 1997, 138, 5006-5012.	1.4	60
93	Phenobarbital induction of drug/steroid-metabolizing enzymes and nuclear receptor CAR. Biochimica Et Biophysica Acta - General Subjects, 2003, 1619, 239-242.	1.1	60
94	Pregnane X Receptor PXR Activates the GADD45Î² Gene, Eliciting the p38 MAPK Signal and Cell Migration. Journal of Biological Chemistry, 2011, 286, 3570-3578.	1.6	60
95	Rip locus: regulation of female-specific isozyme (I-P-45016.alpha.) of testosterone 16.alpha.-hydroxylase in mouse liver, chromosome localization, and cloning of P-450 cDNA. Biochemistry, 1988, 27, 6434-6443.	1.2	59
96	Substrate Gating Confers Steroid Specificity to Estrogen Sulfotransferase. Journal of Biological Chemistry, 1999, 274, 30019-30022.	1.6	59
97	Crystal structure-based studies of cytosolic sulfotransferase. Journal of Biochemical and Molecular Toxicology, 2001, 15, 67-75.	1.4	59
98	Identification of Ginkgo biloba as a Novel Activator of Pregnane X Receptor. Drug Metabolism and Disposition, 2008, 36, 2270-2276.	1.7	59
99	Purification and Partial Characterization of Hepatic Microsomal Cytochrome P-450s from Phenobarbital-and 3-Methylcholanthrene-Treated Rats1. Journal of Biochemistry, 1979, 86, 1383-1394.	0.9	57
100	Sexually dimorphic DNA demethylation in the promoter of the Slp (sex-limited protein) gene in mouse liver.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1302-1306.	3.3	57
101	Separation of acetanilide and its hydroxylated metabolites and quantitative determination of â€œacetanilide 4-hydroxylase activityâ€•by high-pressure liquid chromatography. Analytical Biochemistry, 1979, 96, 201-207.	1.1	56
102	Glucosaminylglycan biosynthesis: what we can learn from the X-ray crystal structures of glycosyltransferases GlcAT1 and EXTL2. Biochemical and Biophysical Research Communications, 2003, 303, 393-398.	1.0	56
103	Biosynthesis of cytochrome P-450 on membrane-bound ribosomes and its subsequent incorporation into rough and smooth microsomes in rat hepatocytes.. Journal of Cell Biology, 1979, 81, 510-519.	2.3	53
104	A nuclear factor (NF2d9) that binds to the male-specific P450 (Cyp 2d-9) gene in mouse liver. Molecular and Cellular Biology, 1995, 15, 4158-4166.	1.1	52
105	Posttranscriptional regulation of coumarin 7-hydroxylase induction by xenobiotics in mouse liver: mRNA stabilization by pyrazole. Biochemistry, 1991, 30, 8041-8045.	1.2	51
106	Site-directed mutagenesis of mouse steroid 7Î±-hydroxylase (cytochrome P-4507Î±): role of residue-209 in determining steroid-cytochrome P-450 interaction. Biochemical Journal, 1993, 291, 569-573.	1.7	51
107	Interaction of Aflatoxin B1 with Cytochrome P450 2A5 and Its Mutants:â€‰ Correlation with Metabolic Activation and Toxicity. Chemical Research in Toxicology, 1997, 10, 85-90.	1.7	51
108	Promoter CpG methylation ofHox-a10 andHox-a11 in mouse uterus not altered upon neonatal diethylstilbestrol exposure. Molecular Carcinogenesis, 2001, 32, 213-219.	1.3	51

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109	Novel CAR-mediated Mechanism for Synergistic Activation of Two Distinct Elements within the Human Cytochrome P450 2B6 Gene in HepG2 Cells. Journal of Biological Chemistry, 2005, 280, 3458-3466.	1.6	51
110	Statin-activated nuclear receptor PXR promotes SGK2 dephosphorylation by scaffolding PP2C to induce hepatic gluconeogenesis. Scientific Reports, 2015, 5, 14076.	1.6	51
111	Characterization of Cytochrome P2-450 (20-S) mRNA. Association with the P1-450 Genomic Gene and Differential Response to the Inducers 3-Methylcholanthrene and Isosafrole. FEBS Journal, 1983, 134, 13-18.	0.2	50
112	The Constitutive Active/Androstane Receptor Regulates Phenytoin Induction of Cyp2c29. Molecular Pharmacology, 2004, 65, 1397-1404.	1.0	50
113	Regulation of the Human UGT1A1 Gene by Nuclear Receptors Constitutive Active/Androstane Receptor, Pregnane X Receptor, and Glucocorticoid Receptor. Methods in Enzymology, 2005, 400, 92-104.	0.4	50
114	Active ERK1/2 Protein Interacts with the Phosphorylated Nuclear Constitutive Active/Androstane Receptor (CAR; NR1I3), Repressing Dephosphorylation and Sequestering CAR in the Cytoplasm. Journal of Biological Chemistry, 2011, 286, 35763-35769.	1.6	50
115	Nuclear Receptor CAR Represses TNFÎ±-Induced Cell Death by Interacting with the Anti-Apoptotic GADD45B. PLoS ONE, 2010, 5, e10121.	1.1	50
116	A role of Lys614in the sulfotransferase activity of human heparan sulfateN-deacetylase/N-sulfotransferase. FEBS Letters, 1998, 433, 211-214.	1.3	48
117	The Human Sulfotransferase SULT1A1 Gene Is Regulated in a Synergistic Manner by Sp1 and GA Binding Protein. Molecular Pharmacology, 2004, 66, 1690-1701.	1.0	48
118	Orphan Nuclear Receptor Constitutive Active/Androstane Receptorâ€“Mediated Alterations in DNA Methylation during Phenobarbital Promotion of Liver Tumorigenesis. Toxicological Sciences, 2007, 96, 72-82.	1.4	48
119	Pregnane X receptor regulates drug metabolism and transport in the vasculature and protects from oxidative stress. Cardiovascular Research, 2012, 93, 674-681.	1.8	48
120	Flame Retardant BDE-47 Effectively Activates Nuclear Receptor CAR in Human Primary Hepatocytes. Toxicological Sciences, 2014, 137, 292-302.	1.4	48
121	Site of biosynthesis of cytochrome P450 in hepatocytes of phenobarbital treated rats. Biochemical and Biophysical Research Communications, 1976, 71, 1153-1160.	1.0	47
122	Structural Gene Products of the Murine Ah Complex. FEBS Journal, 2005, 115, 585-594.	0.2	47
123	Role of CYP2A5 and 2G1 in Acetaminophen Metabolism and Toxicity in the Olfactory Mucosa of the Cyp1a2(â^'/â^')Mouse. Biochemical Pharmacology, 1998, 55, 1819-1826.	2.0	46
124	Mouse pulmonary cytochrome P-450 naphthalene hydroxylase: cDNA cloning, sequence, and expression in Saccharomyces cerevisiae. Biochemistry, 1991, 30, 11430-11437.	1.2	45
125	Induction of drug metabolism by nuclear receptor CAR: molecular mechanisms and implications for drug research. European Journal of Pharmaceutical Sciences, 2000, 11, 259-264.	1.9	44
126	Phenytoin Induction of the Cyp2c37 Gene Is Mediated by the Constitutive Androstane Receptor. Drug Metabolism and Disposition, 2006, 34, 2003-2010.	1.7	44

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127	Liganded pregnane X receptor represses the human sulfotransferase SULT1E1 promoter through disrupting its chromatin structure. Nucleic Acids Research, 2011, 39, 8392-8403.	6.5	43
128	Distribution and induction of cytochrome P-450 in rat liver nuclear envelope.. Journal of Cell Biology, 1981, 91, 212-220.	2.3	42
129	Mouse Steroid Sulfotransferases. Biochemical Pharmacology, 1998, 55, 313-317.	2.0	41
130	Differential UGT1A1 Induction by Chrysin in Primary Human Hepatocytes and HepG2 Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1256-1264.	1.3	41
131	PPP1R16A, The Membrane Subunit of Protein Phosphatase 1Î², Signals Nuclear Translocation of the Nuclear Receptor Constitutive Active/Androstane Receptor. Molecular Pharmacology, 2008, 73, 1113-1121.	1.0	41
132	Sulfotransferasegenes: Regulation by nuclear receptors in response to xeno/endo-biotics. Drug Metabolism Reviews, 2013, 45, 441-449.	1.5	41
133	Structure and Function of HNK-1 Sulfotransferase. Journal of Biological Chemistry, 1999, 274, 25608-25612.	1.6	39
134	Mouse Glycine N-Methyltransferase is Sexually Dimorphic and Regulated by Growth Hormone. Hormone and Metabolic Research, 1997, 29, 646-649.	0.7	38
135	Nuclear receptor phosphorylation in xenobiotic signal transduction. Journal of Biological Chemistry, 2020, 295, 15210-15225.	1.6	38
136	The Nuclear Receptor Constitutively Active/Androstane Receptor Regulates Type 1 Deiodinase and Thyroid Hormone Activity in the Regenerating Mouse Liver. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 307-313.	1.3	37
137	Induction of microsomal dimethylnitrosamine demethylase by pyrazole. Biochemical Pharmacology, 1982, 31, 1245-1249.	2.0	36
138	Are estrogens carcinogenic during development of the testes?. Apmis, 1998, 106, 240-244.	0.9	36
139	Garlic Extract Diallyl Sulfide (DAS) Activates Nuclear Receptor CAR to Induce the Sult1e1 Gene in Mouse Liver. PLoS ONE, 2011, 6, e21229.	1.1	36
140	Coordinated Regulation of Nuclear Receptor CAR by CCRP/DNAJC7, HSP70 and the Ubiquitin-Proteasome System. PLoS ONE, 2014, 9, e96092.	1.1	36
141	Nuclear Receptor CAR Requires Early Growth Response 1 to Activate the Human Cytochrome P450 2B6 Gene. Journal of Biological Chemistry, 2008, 283, 10425-10432.	1.6	35
142	Inter-Î±-trypsin Inhibitor Promotes Bronchial Epithelial Repair after Injury through Vitronectin Binding. Journal of Biological Chemistry, 2009, 284, 16922-16930.	1.6	34
143	Molecular Engineering of Microsomal P450 2a-4 to a Stable, Water-Soluble Enzyme. Archives of Biochemistry and Biophysics, 1995, 322, 265-271.	1.4	32
144	Phenobarbital Meets Phosphorylation of Nuclear Receptors. Drug Metabolism and Disposition, 2017, 45, 532-539.	1.7	32

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145	Roles of residues 129 and 209 in the alteration by cytochrome b5 of hydroxylase activities in mouse 2A P450S. Biochemistry, 1992, 31, 11519-11523.	1.2	31
146	Transcriptional regulation by HNF-4 of the steroid 15Î±-hydroxylase P450 (Cyp2a-4) gene in mouse liver. Journal of Steroid Biochemistry and Molecular Biology, 1997, 62, 307-314.	1.2	31
147	Dietary Flavonoids Activate the Constitutive Androstane Receptor (CAR). Journal of Agricultural and Food Chemistry, 2010, 58, 2168-2173.	2.4	31
148	Sexual dimorphisms in zonal gene expression in mouse liver. Biochemical and Biophysical Research Communications, 2013, 436, 730-735.	1.0	31
149	Phosphorylated Nuclear Receptor CAR Forms a Homodimer To Repress Its Constitutive Activity for Ligand Activation. Molecular and Cellular Biology, 2017, 37, .	1.1	31
150	Characterization of a cDNA for rat P-450g, a highly polymorphic, male-specific cytochrome in the P-450IIC subfamily. Biochemistry, 1989, 28, 5832-5839.	1.2	30
151	Nuclear Xenobiotic Receptor Pregnane X Receptor Locks Corepressor Silencing Mediator for Retinoid and Thyroid Hormone Receptors (SMRT) onto the CYP24A1 Promoter to Attenuate Vitamin D3 Activation. Molecular Pharmacology, 2009, 75, 265-271.	1.0	30
152	Cloning and nucleotide sequence of a novel, male-predominant carboxylesterase in mouse liver. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1174, 72-74.	2.4	29
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