Masahiko Negishi

List of Publications by Year
in descending order

268	19,371	10389 72	14208 128
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Immunoprecipitation Analyses of Estrogen Receptor Î± Phosphorylated at Serine 216 in the Mouse Liver. Methods in Molecular Biology, 2022, 2418, 41-51.	0.9	1
2	Detection and Functional Analysis of Estrogen Receptor Î± Phosphorylated at Serine 216 in Mouse Neutrophils. Methods in Molecular Biology, 2022, 2418, 63-75.	0.9	1
3	Human constitutive androstane receptor represses liver cancer development and hepatoma cell proliferation by inhibiting erythropoietin signaling. Journal of Biological Chemistry, 2022, 298, 101885.	3.4	13
4	Mice blocking Ser347 phosphorylation of pregnane x receptor develop hepatic fasting-induced steatosis and hypertriglyceridemia. Biochemical and Biophysical Research Communications, 2022, 615, 75-80.	2.1	5
5	Estrogen Sulfotransferase (SULT1E1): Its Molecular Regulation, Polymorphisms, and Clinical Perspectives. Journal of Personalized Medicine, 2021, 11, 194.	2.5	18
6	Glucocorticoid receptor dimerization in the cytoplasm might be essential for nuclear localization. Biochemical and Biophysical Research Communications, 2021, 553, 154-159.	2.1	6
7	Sex-specific expression mechanism of hepatic estrogen inactivating enzyme and transporters in diabetic women. Biochemical Pharmacology, 2021, 190, 114662.	4.4	6
8	Androgen receptor phosphorylated at Ser815: The expression and function in the prostate and tumor-derived cells. Biochemical Pharmacology, 2021, 194, 114794.	4.4	6
9	PXR phosphorylated at Ser350 transduces a glucose signal to repress the estrogen sulfotransferase gene in human liver cells and fasting signal in mouse livers. Biochemical Pharmacology, 2020, 180, 114197.	4.4	10
10	Estrogen receptor Î± phosphorylated at Ser216 confers inflammatory function to mouse microglia. Cell Communication and Signaling, 2020, 18, 117.	6.5	12
11	Nuclear receptor phosphorylation in xenobiotic signal transduction. Journal of Biological Chemistry, 2020, 295, 15210-15225.	3.4	38
12	Ser100-Phosphorylated RORÎ± Orchestrates CAR and HNF4Î± to Form Active Chromatin Complex in Response to Phenobarbital to Regulate Induction of CYP2B6. Molecular Pharmacology, 2020, 97, 191-201.	2.3	4
13	Nuclear receptor CAR-ERÎ± signaling regulates the estrogen sulfotransferase gene in the liver. Scientific Reports, 2020, 10, 5001.	3.3	12
14	RORÎ± phosphorylation by casein kinase 1Î± as glucose signal to regulate estrogen sulfation in human liver cells. Biochemical Journal, 2020, 477, 3583-3598.	3.7	4
15	Phosphorylation of vaccinia-related kinase 1 at threonine 386 transduces glucose stress signal in human liver cells. Bioscience Reports, 2020, 40, .	2.4	6
16	SUN-LB134 Androgen Receptor Phosphorylated at Serine 815 in Mouse and Human Prostates. Journal of the Endocrine Society, 2020, 4, .	0.2	1
17	A phosphorylation-deficient mutant of retinoid X receptor Î± at Thr 167 alters fasting response and energy metabolism in mice. Laboratory Investigation, 2019, 99, 1470-1483.	3.7	8
18	Ligand induced dissociation of the AR homodimer precedes AR monomer translocation to the nucleus. Scientific Reports, 2019, 9, 16734.	3.3	11

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19	Sulfotransferase 4A1 Increases Its Expression in Mouse Neurons as They Mature. Drug Metabolism and Disposition, 2018, 46, 860-864.	3.3	9
20	Co-Chaperone-Mediated Suppression of LPS-Induced Cardiac Toxicity Through NFÎºB Signaling. Shock, 2018, 50, 248-254.	2.1	5
21	Nuclear Receptor CAR Suppresses GADD45B-p38 MAPK Signaling to Promote Phenobarbital-induced Proliferation in Mouse Liver. Molecular Cancer Research, 2018, 16, 1309-1318.	3.4	12
22	Interaction of the phosphorylated DNA-binding domain in nuclear receptor CAR with its ligand-binding domain regulates CAR activation. Journal of Biological Chemistry, 2018, 293, 333-344.	3.4	20
23	GR Utilizes a Co-Chaperone Cytoplasmic CAR Retention Protein to Form an N/C Interaction. Nuclear Receptor Signaling, 2018, 15, 155076291880107.	1.0	2
24	Phenobarbitalâ€induced phosphorylation converts nuclear receptor <scp>ROR</scp>Î± from a repressor to an activator of the estrogen sulfotransferase gene Sult1e1 in mouse livers. FEBS Letters, 2018, 592, 2760-2768.	2.8	12
25	Phosphorylated Nuclear Receptor CAR Forms a Homodimer To Repress Its Constitutive Activity for Ligand Activation. Molecular and Cellular Biology, 2017, 37, .	2.3	31
26	Role of CYP2B in Phenobarbital-Induced Hepatocyte Proliferation in Mice. Drug Metabolism and Disposition, 2017, 45, 977-981.	3.3	11
27	Phenobarbital Meets Phosphorylation of Nuclear Receptors. Drug Metabolism and Disposition, 2017, 45, 532-539.	3.3	32
28	Glucose elicits serine/threonine kinase VRK1 to phosphorylate nuclear pregnane X receptor as a novel hepatic gluconeogenic signal. Cellular Signalling, 2017, 40, 200-209.	3.6	19
29	p38 MAP Kinase Links CAR Activation and Inactivation in the Nucleus via Phosphorylation at Threonine 38. Drug Metabolism and Disposition, 2016, 44, 871-876.	3.3	14
30	Phosphorylation of Farnesoid X Receptor at Serine 154 Links Ligand Activation With Degradation. Molecular Endocrinology, 2016, 30, 1070-1080.	3.7	22
31	Phenobarbital and Insulin Reciprocate Activation of the Nuclear Receptor Constitutive Androstane Receptor through the Insulin Receptor. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 367-374.	2.5	18
32	Detection and Functional Analysis of Estrogen Receptor Î± Phosphorylated at Serine 216 in Mouse Neutrophils. Methods in Molecular Biology, 2016, 1366, 413-424.	0.9	2
33	Statin-activated nuclear receptor PXR promotes SGK2 dephosphorylation by scaffolding PP2C to induce hepatic gluconeogenesis. Scientific Reports, 2015, 5, 14076.	3.3	51
34	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.	2.3	68
35	Regulation of gene expression by CAR: an update. Archives of Toxicology, 2015, 89, 1045-1055.	4.2	75
36	Pregnane X Receptor RepressesHNF4Î±Gene to Induce Insulin-Like Growth Factorâ€“Binding Protein IGFBP1 that Alters Morphology of and Migrates HepG2 Cells. Molecular Pharmacology, 2015, 88, 746-757.	2.3	22

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37	Nuclear Receptor-Mediated Regulation of Cytochrome P450 Genes. , 2015, , 787-812.		6
38	The Roles of Co-Chaperone CCRP/DNAJC7 in Cyp2b10 Gene Activation and Steatosis Development in Mouse Livers. PLoS ONE, 2014, 9, e115663.	2.5	21
39	Serum- and Glucocorticoid-Regulated Kinase 2 Determines Drug-Activated Pregnane X Receptor to Induce Gluconeogenesis in Human Liver Cells. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 131-140.	2.5	26
40	Flame Retardant BDE-47 Effectively Activates Nuclear Receptor CAR in Human Primary Hepatocytes. Toxicological Sciences, 2014, 137, 292-302.	3.1	48
41	Epidermal Growth Factor Receptor: The Phenobarbital Receptor that Elicits CAR Activation Signal for P450 Induction. , 2014, , 247-257.		0
42	Coordinated Regulation of Nuclear Receptor CAR by CCRP/DNAJC7, HSP70 and the Ubiquitin-Proteasome System. PLoS ONE, 2014, 9, e96092.	2.5	36
43	Sexual dimorphisms in zonal gene expression in mouse liver. Biochemical and Biophysical Research Communications, 2013, 436, 730-735.	2.1	31
44	Phenobarbital Indirectly Activates the Constitutive Active Androstane Receptor (CAR) by Inhibition of Epidermal Growth Factor Receptor Signaling. Science Signaling, 2013, 6, ra31.	3.6	163
45	Sulfotransferasegenes: Regulation by nuclear receptors in response to xeno/endo-biotics. Drug Metabolism Reviews, 2013, 45, 441-449.	3.6	41
46	PXR cross-talks with internal and external signals in physiological and pathophysiological responses. Drug Metabolism Reviews, 2013, 45, 300-310.	3.6	24
47	Nuclear Receptor CAR Specifically Activates the Two-Pore K+ Channel Kcnk1 Gene in Male Mouse Livers, Which Attenuates Phenobarbital-Induced Hepatic Hyperplasia. Toxicological Sciences, 2013, 132, 151-161.	3.1	12
48	p38 Mitogenâ€“Activated Protein Kinase Regulates Nuclear Receptor CAR that Activates the CYP2B6 Gene. Drug Metabolism and Disposition, 2013, 41, 1170-1173.	3.3	18
49	Serine 216 Phosphorylation ofÂEstrogen Receptor Î± in Neutrophils: Migration and Infiltration into the Mouse Uterus. PLoS ONE, 2013, 8, e84462.	2.5	24
50	The Structural Basis for a Coordinated Reaction Catalyzed by a Bifunctional Glycosyltransferase in Chondroitin Biosynthesis. Journal of Biological Chemistry, 2012, 287, 36022-36028.	3.4	14
51	Pregnane X receptor regulates drug metabolism and transport in the vasculature and protects from oxidative stress. Cardiovascular Research, 2012, 93, 674-681.	3.8	48
52	Phosphorylation of serine 212 confers novel activity to human estrogen receptor Î±. Steroids, 2012, 77, 448-453.	1.8	16
53	The nuclear receptor constitutive active/androstane receptor arrests DNAâ€damaged human hepatocellular carcinoma Huh7 cells at the G2/M phase. Molecular Carcinogenesis, 2012, 51, 206-212.	2.7	5
54	Role of a novel CAR-induced gene, TUBA8, in hepatocellular carcinoma cell lines. Cancer Genetics, 2011, 204, 382-391.	0.4	10

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55	Pregnane X Receptor PXR Activates the GADD45Î² Gene, Eliciting the p38 MAPK Signal and Cell Migration. Journal of Biological Chemistry, 2011, 286, 3570-3578.	3.4	60
56	Garlic Extract Diallyl Sulfide (DAS) Activates Nuclear Receptor CAR to Induce the Sult1e1 Gene in Mouse Liver. PLoS ONE, 2011, 6, e21229.	2.5	36
57	Nuclear receptor CAR (NR1I3) is essential for DDC-induced liver injury and oval cell proliferation in mouse liver. Laboratory Investigation, 2011, 91, 1624-1633.	3.7	25
58	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.	3.4	50
59	Nuclear receptor CAR-regulated expression of the FAM84A gene during the development of mouse liver tumors. International Journal of Oncology, 2011, 38, 1511-20.	3.3	11
60	Liganded pregnane X receptor represses the human sulfotransferase SULT1E1 promoter through disrupting its chromatin structure. Nucleic Acids Research, 2011, 39, 8392-8403.	14.5	43
61	The K+ Channel KCNK1: CARâ€mediated Gene Regulation of Maleâ€specific Induction by PB and Hepatic Hypertrophy. FASEB Journal, 2011, 25, 1090.5.	0.5	0
62	Nuclear xenobiotic receptor PXR-null mouse exhibits hypophosphatemia and represses the Na/Pi-cotransporter SLC34A2. Pharmacogenetics and Genomics, 2010, 20, 9-17.	1.5	15
63	The Nuclear Receptors Constitutive Active/Androstane Receptor and Pregnane X Receptor Activate theCyp2c55Gene in Mouse Liver. Drug Metabolism and Disposition, 2010, 38, 1177-1182.	3.3	14
64	Dietary Flavonoids Activate the Constitutive Androstane Receptor (CAR). Journal of Agricultural and Food Chemistry, 2010, 58, 2168-2173.	5.2	31
65	Nuclear Receptor CAR Represses TNFÎ±-Induced Cell Death by Interacting with the Anti-Apoptotic GADD45B. PLoS ONE, 2010, 5, e10121.	2.5	50
66	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.	2.3	30
67	Inter-Î±-trypsin Inhibitor Promotes Bronchial Epithelial Repair after Injury through Vitronectin Binding. Journal of Biological Chemistry, 2009, 284, 16922-16930.	3.4	34
68	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.	3.4	117
69	Early growth response 1 loops the CYP2B6 promoter for synergistic activation by the distal and proximal nuclear receptors CAR and HNF4Î±. FEBS Letters, 2009, 583, 2126-2130.	2.8	23
70	Expression of CAR in SW480 and HepG2 cells during G1 is associated with cell proliferation. Biochemical and Biophysical Research Communications, 2008, 369, 1027-1033.	2.1	19
71	Nuclear Receptor CAR Requires Early Growth Response 1 to Activate the Human Cytochrome P450 2B6 Gene. Journal of Biological Chemistry, 2008, 283, 10425-10432.	3.4	35
72	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.	2.3	41

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73	Identification of Ginkgo biloba as a Novel Activator of Pregnane X Receptor. Drug Metabolism and Disposition, 2008, 36, 2270-2276.	3.3	59
74	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.	3.4	68
75	The Roles of Nuclear Receptors CAR and PXR in Hepatic Energy Metabolism. Drug Metabolism and Pharmacokinetics, 2008, 23, 8-13.	2.2	122
76	The Antiapoptotic Factor Growth Arrest and DNA-Damage-Inducible 45 Î² Regulates the Nuclear Receptor Constitutive Active/Androstane Receptor-Mediated Transcription. Drug Metabolism and Disposition, 2008, 36, 1189-1193.	3.3	25
77	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.	2.3	92
78	The Chondroitin Polymerase K4CP and the Molecular Mechanism of Selective Bindings of Donor Substrates to Two Active Sites. Journal of Biological Chemistry, 2008, 283, 32328-32333.	3.4	24
79	New Insights on the Xenobiotic-Sensing Nuclear Receptors in Liver Diseases â€“ CAR and PXR-. Current Drug Metabolism, 2008, 9, 614-621.	1.2	81
80	The role of the nuclear receptor constitutive androstane receptor in the pathogenesis of non-alcoholic steatohepatitis. Gut, 2007, 56, 565-574.	12.1	74
81	Orphan Nuclear Receptor Constitutive Active/Androstane Receptorâ€“Mediated Alterations in DNA Methylation during Phenobarbital Promotion of Liver Tumorigenesis. Toxicological Sciences, 2007, 96, 72-82.	3.1	48
82	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.	2.3	71
83	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.	3.4	156
84	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.	2.5	281
85	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.	2.5	37
86	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.	3.7	103
87	CAR and PXR: The xenobiotic-sensing receptorsâ€ . Steroids, 2007, 72, 231-246.	1.8	394
88	Overexpression of the Rhoâ€guanine nucleotide exchange factor ECT2 inhibits nuclear translocation of nuclear receptor CAR in the mouse liver. FEBS Letters, 2007, 581, 4937-4942.	2.8	8
89	Phenobarbital Confers its Diverse Effects by Activating the Orphan Nuclear Receptor Car. Drug Metabolism Reviews, 2006, 38, 75-87.	3.6	70
90	Nuclear receptors CAR and PXR in the regulation of hepatic metabolism. Xenobiotica, 2006, 36, 1152-1163.	1.1	84

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91	Cohesin protein SMC1 represses the nuclear receptor CAR-mediated synergistic activation of a human P450 gene by xenobiotics. Biochemical Journal, 2006, 398, 125-133.	3.7	17
92	Characterization of Specific Donor Binding to Î±1,4â€Nâ€Acetylhexosaminyltransferase EXTL2 Using Isothermal Titration Calorimetry. Methods in Enzymology, 2006, 416, 3-12.	1.0	5
93	INDUCTION OF GENES FOR METABOLISM AND TRANSPORT BY TRANS-STILBENE OXIDE IN LIVERS OF SPRAGUE-DAWLEY AND WISTAR-KYOTO RATS. Drug Metabolism and Disposition, 2006, 34, 1190-1197.	3.3	16
94	Phenytoin Induction of the Cyp2c37 Gene Is Mediated by the Constitutive Androstane Receptor. Drug Metabolism and Disposition, 2006, 34, 2003-2010.	3.3	44
95	Serine 202 Regulates the Nuclear Translocation of Constitutive Active/Androstane Receptor. Molecular Pharmacology, 2006, 69, 1095-1102.	2.3	63
96	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.	2.5	171
97	Estrogen Receptor Î± Mediates 17Î±-Ethynylestradiol Causing Hepatotoxicity*. Journal of Biological Chemistry, 2006, 281, 16625-16631.	3.4	140
98	Thr176 regulates the activity of the mouse nuclear receptor CAR and is conserved in the NR1I subfamily members PXR and VDR. Biochemical Journal, 2005, 388, 623-630.	3.7	15
99	Structural Gene Products of the Murine Ah Complex. FEBS Journal, 2005, 115, 585-594.	0.2	47
100	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.	2.5	104
101	IDENTIFICATION OF HMG-CoA REDUCTASE INHIBITORS AS ACTIVATORS FOR HUMAN, MOUSE AND RAT CONSTITUTIVE ANDROSTANE RECEPTOR. Drug Metabolism and Disposition, 2005, 33, 924-929.	3.3	68
102	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.	2.3	185
103	Two-step Mechanism That Determines the Donor Binding Specificity of Human UDP-N-acetylhexosaminyltransferase. Journal of Biological Chemistry, 2005, 280, 23441-23445.	3.4	11
104	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.	2.3	134
105	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.	3.4	51
106	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.	1.0	50
107	Differential UGT1A1 Induction by Chrysin in Primary Human Hepatocytes and HepG2 Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1256-1264.	2.5	41
108	Localization of the nuclear receptor CAR at the cell membrane of mouse liver. FEBS Letters, 2005, 579, 6733-6736.	2.8	21

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109	Human SULT1A Genes: Cloning and Activity Assays of the SULT1A Promoters. Methods in Enzymology, 2005, 400, 147-165.	1.0	18
110	Role of nuclear receptor CAR in carbon tetrachloride-induced hepatotoxicity. World Journal of Gastroenterology, 2005, 11, 5966.	3.3	19
111	CAR, Driving into the Future. Molecular Endocrinology, 2004, 18, 1589-1598.	3.7	137
112	The Constitutive Active/Androstane Receptor Regulates Phenytoin Induction of Cyp2c29. Molecular Pharmacology, 2004, 65, 1397-1404.	2.3	50
113	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.	2.5	206
114	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.	2.3	295
115	The Human Sulfotransferase SULT1A1 Gene Is Regulated in a Synergistic Manner by Sp1 and GA Binding Protein. Molecular Pharmacology, 2004, 66, 1690-1701.	2.3	48
116	Cytoplasmic Localization of Pregnane X Receptor and Ligand-dependent Nuclear Translocation in Mouse Liver. Journal of Biological Chemistry, 2004, 279, 49307-49314.	3.4	163
117	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.	3.4	77
118	Human Constitutive Androstane Receptor Mediates Induction of CYP2B6 Gene Expression by Phenytoin. Journal of Biological Chemistry, 2004, 279, 29295-29301.	3.4	136
119	Crystal Structure and Mutational Analysis of Heparan Sulfate 3-O-Sulfotransferase Isoform 1. Journal of Biological Chemistry, 2004, 279, 25789-25797.	3.4	64
120	The Orphan Nuclear Receptor Constitutive Active/Androstane Receptor Is Essential for Liver Tumor Promotion by Phenobarbital in Mice. Cancer Research, 2004, 64, 7197-7200.	0.9	324
121	REGULATION OF CYP2B6 IN PRIMARY HUMAN HEPATOCYTES BY PROTOTYPICAL INDUCERS. Drug Metabolism and Disposition, 2004, 32, 348-358.	3.3	177
122	PACAP activates Rac1 and synergizes with NGF to activate ERK1/2, thereby inducing neurite outgrowth in PC12 cells. Molecular Brain Research, 2004, 123, 18-26.	2.3	28
123	Regulation of Cyp2a5 transcription in mouse primary hepatocytes: roles of hepatocyte nuclear factor 4 and nuclear factor I. Biochemical Journal, 2004, 381, 887-894.	3.7	20
124	Drug-activated nuclear receptors CAR and PXR. Annals of Medicine, 2003, 35, 172-182.	3.8	161
125	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.	2.8	147
126	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.	3.0	64

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127	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.	2.1	56
128	Explicit Water Near the Catalytic I Helix Thr in the Predicted Solution Structure of CYP2A4. Biophysical Journal, 2003, 84, 57-68.	0.5	14
129	Phenobarbital induction of drug/steroid-metabolizing enzymes and nuclear receptor CAR. Biochimica Et Biophysica Acta - General Subjects, 2003, 1619, 239-242.	2.4	60
130	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.	3.4	70
131	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.	3.4	272
132	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.	1.8	69
133	Identification of Constitutive Androstane Receptor and Glucocorticoid Receptor Binding Sites in the CYP2C19 Promoter. Molecular Pharmacology, 2003, 64, 316-324.	2.3	160
134	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.	3.4	195
135	Cytoplasmic Accumulation of the Nuclear Receptor CAR by a Tetratricopeptide Repeat Protein in HepG2 Cells. Molecular Pharmacology, 2003, 64, 1069-1075.	2.3	173
136	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.	2.3	100
137	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.	3.4	95
138	Glucocorticoid Receptor Enhancement of Pregnane X Receptor-Mediated CYP2B6 Regulation in Primary Human Hepatocytes. Drug Metabolism and Disposition, 2003, 31, 620-630.	3.3	89
139	Heparan sulphate N-sulphotransferase activity: reaction mechanism and substrate recognition. Biochemical Society Transactions, 2003, 31, 331-334.	3.4	17
140	Transcriptional Regulation of Cytochrome P450 2B Genes by Nuclear Receptors. Current Drug Metabolism, 2003, 4, 515-525.	1.2	116
141	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.	6.0	62
142	Retinoic Acids Repress Constitutive Active Receptor-Mediated Induction by 1,4-bis[2-(3,5-Dichloropyridyloxy)]benzene of theCyp2b10 Gene in Mouse Primary Hepatocytes. Drug Metabolism and Disposition, 2002, 30, 208-211.	3.3	19
143	Regulation of HumanCYP2C9by the Constitutive Androstane Receptor: Discovery of a New Distal Binding Site. Molecular Pharmacology, 2002, 62, 737-746.	2.3	149
144	Diverse Roles of the Nuclear Orphan Receptor CAR in Regulating Hepatic Genes in Response to Phenobarbital. Molecular Pharmacology, 2002, 61, 1-6.	2.3	446

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145	Residue Threonine 350 Confers Steroid Hormone Responsiveness to the Mouse Nuclear Orphan Receptor CAR. Molecular Pharmacology, 2002, 61, 1284-1288.	2.3	23
146	Crystal Structure of Î²1,3-Glucuronyltransferase I in Complex with Active Donor Substrate UDP-GlcUA. Journal of Biological Chemistry, 2002, 277, 21869-21873.	3.4	67
147	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.	3.3	97
148	Crystal Structure of the Human Estrogen Sulfotransferase-PAPS Complex. Journal of Biological Chemistry, 2002, 277, 17928-17932.	3.4	107
149	Direct expression of fluorescent protein-tagged nuclear receptor CAR in mouse liver. Methods in Enzymology, 2002, 357, 205-213.	1.0	15
150	Identification of a Defect in the UGT1A1 Gene Promoter and Its Association with Hyperbilirubinemia. Biochemical and Biophysical Research Communications, 2002, 292, 492-497.	2.1	201
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