

Masahiko Negishi

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265
papers

17,202
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70
h-index

122
g-index

268
ext. papers

18,048
ext. citations

4.9
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L-index

#	Paper	IF	Citations
265	The nuclear orphan receptor CAR-retinoid X receptor heterodimer activates the phenobarbital-responsive enhancer module of the CYP2B gene. <i>Molecular and Cellular Biology</i> , 1998 , 18, 5652-8	4.8	626
264	The repressed nuclear receptor CAR responds to phenobarbital in activating the human CYP2B6 gene. <i>Journal of Biological Chemistry</i> , 1999 , 274, 6043-6	5.4	546
263	Phenobarbital-responsive nuclear translocation of the receptor CAR in induction of the CYP2B gene. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6318-22	4.8	484
262	Diverse roles of the nuclear orphan receptor CAR in regulating hepatic genes in response to phenobarbital. <i>Molecular Pharmacology</i> , 2002 , 61, 1-6	4.3	422
261	Alteration of mouse cytochrome P450 substrate specificity by mutation of a single amino-acid residue. <i>Nature</i> , 1989 , 339, 632-4	50.4	387
260	Regulation of cytochrome P450 (CYP) genes by nuclear receptors. <i>Biochemical Journal</i> , 2000 , 347, 321-337	3.8	358
259	CAR and PXR: the xenobiotic-sensing receptors. <i>Steroids</i> , 2007 , 72, 231-46	2.8	344
258	Phenobarbital response elements of cytochrome P450 genes and nuclear receptors. <i>Annual Review of Pharmacology and Toxicology</i> , 2001 , 41, 123-43	17.9	326
257	The orphan nuclear receptor constitutive active/androstane receptor is essential for liver tumor promotion by phenobarbital in mice. <i>Cancer Research</i> , 2004 , 64, 7197-200	10.1	301
256	The phenobarbital response enhancer module in the human bilirubin UDP-glucuronosyltransferase UGT1A1 gene and regulation by the nuclear receptor CAR. <i>Hepatology</i> , 2001 , 33, 1232-8	11.2	297
255	Genetic mechanisms controlling the induction of polysubstrate monooxygenase (P-450) activities. <i>Annual Review of Pharmacology and Toxicology</i> , 1981 , 21, 431-62	17.9	279
254	Structure and function of sulfotransferases. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 390, 149-57	4.1	261
253	Nuclear receptors CAR and PXR cross talk with FOXO1 to regulate genes that encode drug-metabolizing and gluconeogenic enzymes. <i>Molecular and Cellular Biology</i> , 2004 , 24, 7931-40	4.8	260
252	Relative activation of human pregnane X receptor versus constitutive androstane receptor defines distinct classes of CYP2B6 and CYP3A4 inducers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 72-80	4.7	251
251	Crystal structure of estrogen sulphotransferase. <i>Nature Structural and Molecular Biology</i> , 1997 , 4, 904-8	17.6	237
250	Complementary roles of farnesoid X receptor, pregnane X receptor, and constitutive androstane receptor in protection against bile acid toxicity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 45062-71	5.4	233
249	Regulation of cytochrome P450 (CYP) genes by nuclear receptors. <i>Biochemical Journal</i> , 2000 , 347, 321-337	3.8	227

248	The Ah locus: correlation of intranuclear appearance of inducer-receptor complex with induction of cytochrome P1-450 mRNA. <i>Cell</i> , 1982 , 31, 275-84	56.2	197
247	Induction of human CYP2C9 by rifampicin, hyperforin, and phenobarbital is mediated by the pregnane X receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 495-501	4.7	186
246	Identification of a defect in the UGT1A1 gene promoter and its association with hyperbilirubinemia. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 292, 492-7	3.4	179
245	A novel distal enhancer module regulated by pregnane X receptor/constitutive androstane receptor is essential for the maximal induction of CYP2B6 gene expression. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14146-52	5.4	176
244	Human CYP2C8 is transcriptionally regulated by the nuclear receptors constitutive androstane receptor, pregnane X receptor, glucocorticoid receptor, and hepatic nuclear factor 4alpha. <i>Molecular Pharmacology</i> , 2005 , 68, 747-57	4.3	168
243	Regulation of CYP2B6 in primary human hepatocytes by prototypical inducers. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 348-58	4	166
242	Synthesis and insertion of cytochrome P-450 into endoplasmic reticulum membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980 , 77, 965-9	11.5	163
241	Activation by diverse xenochemicals of the 51-base pair phenobarbital-responsive enhancer module in the CYP2B10 gene. <i>Molecular Pharmacology</i> , 1998 , 53, 597-601	4.3	161
240	Cytoplasmic accumulation of the nuclear receptor CAR by a tetratricopeptide repeat protein in HepG2 cells. <i>Molecular Pharmacology</i> , 2003 , 64, 1069-75	4.3	159
239	Differential regulation of hepatic CYP2B6 and CYP3A4 genes by constitutive androstane receptor but not pregnane X receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 1200-9	4.7	154
238	Identification of constitutive androstane receptor and glucocorticoid receptor binding sites in the CYP2C19 promoter. <i>Molecular Pharmacology</i> , 2003 , 64, 316-24	4.3	151
237	Cytoplasmic localization of pregnane X receptor and ligand-dependent nuclear translocation in mouse liver. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49307-14	5.4	144
236	Multiple forms of cytochrome P-450 and the importance of molecular biology and evolution. <i>Biochemical Pharmacology</i> , 1982 , 31, 2311-7	6	144
235	Drug-activated nuclear receptors CAR and PXR. <i>Annals of Medicine</i> , 2003 , 35, 172-82	1.5	142
234	The peptide near the C terminus regulates receptor CAR nuclear translocation induced by xenochemicals in mouse liver. <i>Molecular and Cellular Biology</i> , 2001 , 21, 2838-46	4.8	142
233	Phenobarbital indirectly activates the constitutive active androstane receptor (CAR) by inhibition of epidermal growth factor receptor signaling. <i>Science Signaling</i> , 2013 , 6, ra31	8.8	138
232	Estrogen activation of the nuclear orphan receptor CAR (constitutive active receptor) in induction of the mouse Cyp2b10 gene. <i>Molecular Endocrinology</i> , 2000 , 14, 1897-905		137
231	Conserved structural motifs in the sulfotransferase family. <i>Trends in Biochemical Sciences</i> , 1998 , 23, 129-30	3.3	135

230	Regulation of human CYP2C9 by the constitutive androstane receptor: discovery of a new distal binding site. <i>Molecular Pharmacology</i> , 2002 , 62, 737-46	4.3	134
229	Heparan/chondroitin sulfate biosynthesis. Structure and mechanism of human glucuronyltransferase I. <i>Journal of Biological Chemistry</i> , 2000 , 275, 34580-5	5.4	134
228	Nuclear pregnane X receptor cross-talk with FoxA2 to mediate drug-induced regulation of lipid metabolism in fasting mouse liver. <i>Journal of Biological Chemistry</i> , 2007 , 282, 9768-9776	5.4	131
227	Identification of the nuclear receptor CAR:HSP90 complex in mouse liver and recruitment of protein phosphatase 2A in response to phenobarbital. <i>FEBS Letters</i> , 2003 , 548, 17-20	3.8	130
226	CAR, driving into the future. <i>Molecular Endocrinology</i> , 2004 , 18, 1589-98		127
225	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. <i>Molecular Pharmacology</i> , 2007 , 67, 915-25	4.3	121
224	Estrogen receptor alpha mediates 17alpha-ethynylestradiol causing hepatotoxicity. <i>Journal of Biological Chemistry</i> , 2006 , 281, 16625-31	5.4	117
223	Human constitutive androstane receptor mediates induction of CYP2B6 gene expression by phenytoin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29295-301	5.4	115
222	The sulfuryl transfer mechanism. Crystal structure of a vanadate complex of estrogen sulfotransferase and mutational analysis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 27325-30	5.4	112
221	Characterization of a phenobarbital-responsive enhancer module in mouse P450 Cyp2b10 gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14943-9	5.4	111
220	Crystal structure of the sulfotransferase domain of human heparan sulfate N-deacetylase/N-sulfotransferase 1. <i>Journal of Biological Chemistry</i> , 1999 , 274, 10673-6	5.4	108
219	Transcriptional regulation of cytochrome p450 2B genes by nuclear receptors. <i>Current Drug Metabolism</i> , 2003 , 4, 515-25	3.5	107
218	The roles of nuclear receptors CAR and PXR in hepatic energy metabolism. <i>Drug Metabolism and Pharmacokinetics</i> , 2008 , 23, 8-13	2.2	105
217	Crystal structure of human catecholamine sulfotransferase. <i>Journal of Molecular Biology</i> , 1999 , 293, 521-30	3.9	104
216	Dephosphorylation of threonine 38 is required for nuclear translocation and activation of human xenobiotic receptor CAR (NR1I3). <i>Journal of Biological Chemistry</i> , 2009 , 284, 34785-92	5.4	102
215	The nuclear receptors constitutive androstane receptor and pregnane X receptor cross-talk with hepatic nuclear factor 4alpha to synergistically activate the human CYP2C9 promoter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 1125-33	4.7	101
214	Characterization of phenobarbital-inducible mouse Cyp2b10 gene transcription in primary hepatocytes. <i>Journal of Biological Chemistry</i> , 1996 , 271, 9746-53	5.4	100
213	Mouse steroid 15 alpha-hydroxylase gene family: identification of type II P-450(15)alpha as coumarin 7-hydroxylase. <i>Biochemistry</i> , 1989 , 28, 4169-72	3.2	99

212	Phenobarbital-elicited activation of nuclear receptor CAR in induction of cytochrome P450 genes. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 277, 1-6	3.4	98
211	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. <i>Molecular Pharmacology</i> , 2003 , 64, 474-81	4.3	95
210	Protein serine/threonine phosphatase inhibitors suppress phenobarbital-induced Cyp2b10 gene transcription in mouse primary hepatocytes. <i>Biochemical Journal</i> , 1998 , 330 (Pt 2), 889-95	3.8	91
209	Crystal structure of the human estrogen sulfotransferase-PAPS complex: evidence for catalytic role of Ser137 in the sulfuryl transfer reaction. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17928-32	5.4	90
208	The Ah locus, a multigene family necessary for survival in a chemically adverse environment: comparison with the immune system. <i>Advances in Genetics</i> , 1982 , 21, 1-52	3.3	90
207	Role of constitutive androstane receptor in the in vivo induction of Mrp3 and CYP2B1/2 by phenobarbital. <i>Drug Metabolism and Disposition</i> , 2002 , 30, 918-23	4	89
206	The dimerization motif of cytosolic sulfotransferases. <i>FEBS Letters</i> , 2001 , 490, 39-43	3.8	88
205	Human nuclear pregnane X receptor cross-talk with CREB to repress cAMP activation of the glucose-6-phosphatase gene. <i>Biochemical Journal</i> , 2007 , 407, 373-81	3.8	87
204	The peripheral benzodiazepine receptor ligand 1-(2-chlorophenyl-methylpropyl)-3-isoquinoline-carboxamide is a novel antagonist of human constitutive androstane receptor. <i>Molecular Pharmacology</i> , 2008 , 74, 443-53	4.3	86
203	Crystal structure of SULT2A3, human hydroxysteroid sulfotransferase. <i>FEBS Letters</i> , 2000 , 475, 61-4	3.8	86
202	Glucocorticoid receptor enhancement of pregnane X receptor-mediated CYP2B6 regulation in primary human hepatocytes. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 620-30	4	82
201	Crystal structure of an alpha 1,4-N-acetylhexosaminyltransferase (EXTL2), a member of the exostosin gene family involved in heparan sulfate biosynthesis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14420-8	5.4	81
200	Nuclear receptor CAR as a regulatory factor for the sexually dimorphic induction of CYB2B1 gene by phenobarbital in rat livers. <i>Molecular Pharmacology</i> , 2001 , 59, 278-84	4.3	78
199	A DNA methylation site in the male-specific P450 (Cyp 2d-9) promoter and binding of the heteromeric transcription factor GABP. <i>Molecular and Cellular Biology</i> , 1995 , 15, 5355-62	4.8	74
198	Nuclear receptors CAR and PXR in the regulation of hepatic metabolism. <i>Xenobiotica</i> , 2006 , 36, 1152-63 2		73
197	Discovery of estrogen sulfotransferase inhibitors from a purine library screen. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 2683-6	8.3	73
196	New insights on the xenobiotic-sensing nuclear receptors in liver diseases--CAR and PXR--. <i>Current Drug Metabolism</i> , 2008 , 9, 614-21	3.5	72
195	Structural analysis of the sulfotransferase (3-o-sulfotransferase isoform 3) involved in the biosynthesis of an entry receptor for herpes simplex virus 1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 45185-93	5.4	69

194	Structural analysis by X-ray crystallography and calorimetry of a haemagglutinin component (HA1) of the progenitor toxin from <i>Clostridium botulinum</i> . <i>Microbiology (United Kingdom)</i> , 2003 , 149, 3361-3370	2.9	67
193	The structure, function, and regulation of cytochrome P450 2A enzymes. <i>Drug Metabolism Reviews</i> , 1997 , 29, 977-96	7	66
192	Phenobarbital confers its diverse effects by activating the orphan nuclear receptor car. <i>Drug Metabolism Reviews</i> , 2006 , 38, 75-87	7	66
191	Extracellular signal-regulated kinase is an endogenous signal retaining the nuclear constitutive active/androstane receptor (CAR) in the cytoplasm of mouse primary hepatocytes. <i>Molecular Pharmacology</i> , 2007 , 71, 1217-21	4.3	65
190	Regulatory DNA elements of phenobarbital-responsive cytochrome P450 CYP2B genes. <i>Journal of Biochemical and Molecular Toxicology</i> , 1998 , 12, 3-9	3.4	64
189	The role of the nuclear receptor CAR as a coordinate regulator of hepatic gene expression in defense against chemical toxicity. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 409, 207-11	4.1	64
188	Isolation and characterization of a cloned DNA sequence associated with the murine Ah locus and a 3-methylcholanthrene-induced form of cytochrome P-450. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981 , 78, 800-4	11.5	64
187	The role of the nuclear receptor constitutive androstane receptor in the pathogenesis of non-alcoholic steatohepatitis. <i>Gut</i> , 2007 , 56, 565-74	19.2	63
186	Crystal structure of beta 1,3-glucuronyltransferase I in complex with active donor substrate UDP-GlcUA. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21869-73	5.4	63
185	Identification of HMG-CoA reductase inhibitors as activators for human, mouse and rat constitutive androstane receptor. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 924-9	4	62
184	Developmental action of estrogen receptor-alpha feminizes the growth hormone-Stat5b pathway and expression of Cyp2a4 and Cyp2d9 genes in mouse liver. <i>Molecular Pharmacology</i> , 1999 , 56, 473-7	4.3	62
183	Structural flexibility and functional versatility of mammalian P450 enzymes. <i>FASEB Journal</i> , 1996 , 10, 683-9	0.9	61
182	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. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16801-7	5.4	60
181	Serine 202 regulates the nuclear translocation of constitutive active/androstane receptor. <i>Molecular Pharmacology</i> , 2006 , 69, 1095-102	4.3	60
180	Gene family of male-specific testosterone 16 alpha-hydroxylase (C-P-450(16) alpha) in mouse liver: cDNA sequences, neonatal imprinting, and reversible regulation by androgen. <i>Biochemistry</i> , 1987 , 26, 8683-90	3.2	59
179	Cellular localization and regulation of expression of testicular estrogen sulfotransferase. <i>Endocrinology</i> , 1997 , 138, 5006-12	4.8	58
178	Crystal structure and mutational analysis of heparan sulfate 3-O-sulfotransferase isoform 1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25789-97	5.4	58
177	Crystal structure of human cholesterol sulfotransferase (SULT2B1b) in the presence of pregnenolone and 3Pphosphoadenosine 5Pphosphate. Rationale for specificity differences between prototypical SULT2A1 and the SULT2BG1 isoforms. <i>Journal of Biological Chemistry</i> , 2003 , 278, 44593-8	5.4	57

176	Rip locus: regulation of female-specific isozyme (I-P-450(16 alpha) of testosterone 16 alpha-hydroxylase in mouse liver, chromosome localization, and cloning of P-450 cDNA. <i>Biochemistry</i> , 1988 , 27, 6434-43	3.2	56
175	Regulation of gene expression by CAR: an update. <i>Archives of Toxicology</i> , 2015 , 89, 1045-55	5.8	55
174	Separation of acetanilide and its hydroxylated metabolites and quantitative determination of "acetanilide 4-hydroxylase activity" by high-pressure liquid chromatography. <i>Analytical Biochemistry</i> , 1979 , 96, 201-7	3.1	55
173	Identification of Ginkgo biloba as a novel activator of pregnane X receptor. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 2270-6	4	54
172	Phenobarbital induction of drug/steroid-metabolizing enzymes and nuclear receptor CAR. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003 , 1619, 239-42	4	53
171	Crystal structure-based studies of cytosolic sulfotransferase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2001 , 15, 67-75	3.4	53
170	SLC13A5 is a novel transcriptional target of the pregnane X receptor and sensitizes drug-induced steatosis in human liver. <i>Molecular Pharmacology</i> , 2015 , 87, 674-82	4.3	52
169	Crystallographic analysis of a hydroxylated polychlorinated biphenyl (OH-PCB) bound to the catalytic estrogen binding site of human estrogen sulfotransferase. <i>Environmental Health Perspectives</i> , 2003 , 111, 884-8	8.4	51
168	Glucosaminylglycan biosynthesis: what we can learn from the X-ray crystal structures of glycosyltransferases GlcAT1 and EXTL2. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 303, 393-8	3.4	50
167	Pregnane X receptor PXR activates the GADD45beta gene, eliciting the p38 MAPK signal and cell migration. <i>Journal of Biological Chemistry</i> , 2011 , 286, 3570-8	5.4	49
166	Sexually dimorphic DNA demethylation in the promoter of the Slp (sex-limited protein) gene in mouse liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1302-6	11.5	49
165	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. <i>FEBS Journal</i> , 1983 , 134, 13-8		49
164	Substrate gating confers steroid specificity to estrogen sulfotransferase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 30019-22	5.4	48
163	Site-directed mutagenesis of mouse steroid 7 alpha-hydroxylase (cytochrome P-450(7) alpha): role of residue-209 in determining steroid-cytochrome P-450 interaction. <i>Biochemical Journal</i> , 1993 , 291 (Pt 2), 569-73	3.8	48
162	A nuclear factor (NF2d9) that binds to the male-specific P450 (Cyp 2d-9) gene in mouse liver. <i>Molecular and Cellular Biology</i> , 1995 , 15, 4158-66	4.8	48
161	Posttranscriptional regulation of coumarin 7-hydroxylase induction by xenobiotics in mouse liver: mRNA stabilization by pyrazole. <i>Biochemistry</i> , 1991 , 30, 8041-5	3.2	48
160	Biosynthesis of cytochrome P-450 on membrane-bound ribosomes and its subsequent incorporation into rough and smooth microsomes in rat hepatocytes. <i>Journal of Cell Biology</i> , 1979 , 81, 510-9	7.3	47
159	The human sulfotransferase SULT1A1 gene is regulated in a synergistic manner by Sp1 and GA binding protein. <i>Molecular Pharmacology</i> , 2004 , 66, 1690-701	4.3	46

158	Nuclear receptor CAR represses TNF α -induced cell death by interacting with the anti-apoptotic GADD45B. <i>PLoS ONE</i> , 2010 , 5, e10121	3-7	46
157	Interaction of aflatoxin B1 with cytochrome P450 2A5 and its mutants: correlation with metabolic activation and toxicity. <i>Chemical Research in Toxicology</i> , 1997 , 10, 85-90	4	45
156	Novel CAR-mediated mechanism for synergistic activation of two distinct elements within the human cytochrome P450 2B6 gene in HepG2 cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3458-66	5-4	45
155	The constitutive active/androstane receptor regulates phenytoin induction of Cyp2c29. <i>Molecular Pharmacology</i> , 2004 , 65, 1397-404	4-3	45
154	Promoter CpG methylation of Hox-a10 and Hox-a11 in mouse uterus not altered upon neonatal diethylstilbestrol exposure. <i>Molecular Carcinogenesis</i> , 2001 , 32, 213-9	5	45
153	Purification and partial characterization of hepatic microsomal cytochrome P-450s from phenobarbital- and 3-methylcholanthrene-treated rats. <i>Journal of Biochemistry</i> , 1979 , 86, 1383-94	3-1	45
152	Orphan nuclear receptor constitutive active/androstane receptor-mediated alterations in DNA methylation during phenobarbital promotion of liver tumorigenesis. <i>Toxicological Sciences</i> , 2007 , 96, 72-82	4-4	44
151	Regulation of the human UGT1A1 gene by nuclear receptors constitutive active/androstane receptor, pregnane X receptor, and glucocorticoid receptor. <i>Methods in Enzymology</i> , 2005 , 400, 92-104	1-7	44
150	Role of CYP2A5 and 2G1 in acetaminophen metabolism and toxicity in the olfactory mucosa of the Cyp1a2(-/-) mouse. <i>Biochemical Pharmacology</i> , 1998 , 55, 1819-26	6	44
149	Site of biosynthesis of cytochrome P450 in hepatocytes of phenobarbital treated rats. <i>Biochemical and Biophysical Research Communications</i> , 1976 , 71, 1153-60	3-4	44
148	Statin-activated nuclear receptor PXR promotes SGK2 dephosphorylation by scaffolding PP2C to induce hepatic gluconeogenesis. <i>Scientific Reports</i> , 2015 , 5, 14076	4-9	43
147	Active ERK1/2 protein interacts with the phosphorylated nuclear constitutive active/androstane receptor (CAR; NR1H3), repressing dephosphorylation and sequestering CAR in the cytoplasm. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35763-35769	5-4	43
146	A role of Lys614 in the sulfotransferase activity of human heparan sulfate N-deacetylase/N-sulfotransferase. <i>FEBS Letters</i> , 1998 , 433, 211-4	3-8	43
145	Mouse pulmonary cytochrome P-450 naphthalene hydroxylase: cDNA cloning, sequence, and expression in <i>Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 1991 , 30, 11430-7	3-2	43
144	Flame retardant BDE-47 effectively activates nuclear receptor CAR in human primary hepatocytes. <i>Toxicological Sciences</i> , 2014 , 137, 292-302	4-4	41
143	PPP1R16A, the membrane subunit of protein phosphatase 1 β , signals nuclear translocation of the nuclear receptor constitutive active/androstane receptor. <i>Molecular Pharmacology</i> , 2008 , 73, 1113-21	4-3	40
142	Differential UGT1A1 induction by chrysin in primary human hepatocytes and HepG2 Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 1256-64	4-7	40
141	Induction of drug metabolism by nuclear receptor CAR: molecular mechanisms and implications for drug research. <i>European Journal of Pharmaceutical Sciences</i> , 2000 , 11, 259-64	5-1	40

140	Pregnane X receptor regulates drug metabolism and transport in the vasculature and protects from oxidative stress. <i>Cardiovascular Research</i> , 2012 , 93, 674-81	9.9	39
139	Structural Gene Products of the Murine Ah Complex. <i>FEBS Journal</i> , 2005 , 115, 585-594		39
138	Phenytoin induction of the cyp2c37 gene is mediated by the constitutive androstane receptor. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 2003-10	4	38
137	The nuclear receptor constitutively active/androstane receptor regulates type 1 deiodinase and thyroid hormone activity in the regenerating mouse liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 307-13	4.7	36
136	Distribution and induction of cytochrome P-450 in rat liver nuclear envelope. <i>Journal of Cell Biology</i> , 1981 , 91, 212-20	7.3	36
135	Liganded pregnane X receptor represses the human sulfotransferase SULT1E1 promoter through disrupting its chromatin structure. <i>Nucleic Acids Research</i> , 2011 , 39, 8392-403	20.1	35
134	Mouse glycine N-methyltransferase is sexually dimorphic and regulated by growth hormone. <i>Hormone and Metabolic Research</i> , 1997 , 29, 646-9	3.1	35
133	Induction of microsomal dimethylnitrosamine demethylase by pyrazole. <i>Biochemical Pharmacology</i> , 1982 , 31, 1245-9	6	35
132	Are estrogens carcinogenic during development of the testes?. <i>Apmis</i> , 1998 , 106, 240-2; discussion 243-4	4.4	34
131	Sulfotransferase genes: regulation by nuclear receptors in response to xeno/endo-biotics. <i>Drug Metabolism Reviews</i> , 2013 , 45, 441-9	7	32
130	Garlic extract diallyl sulfide (DAS) activates nuclear receptor CAR to induce the Sult1e1 gene in mouse liver. <i>PLoS ONE</i> , 2011 , 6, e21229	3.7	31
129	Structure and function of HNK-1 sulfotransferase. Identification of donor and acceptor binding sites by site-directed mutagenesis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 25608-12	5.4	31
128	Molecular engineering of microsomal P450 2a-4 to a stable, water-soluble enzyme. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 322, 265-71	4.1	31
127	Mouse steroid sulfotransferases: substrate specificity and preliminary X-ray crystallographic analysis. <i>Biochemical Pharmacology</i> , 1998 , 55, 313-7	6	30
126	Nuclear receptor CAR requires early growth response 1 to activate the human cytochrome P450 2B6 gene. <i>Journal of Biological Chemistry</i> , 2008 , 283, 10425-32	5.4	29
125	Roles of residues 129 and 209 in the alteration by cytochrome b5 of hydroxylase activities in mouse 2A P450S. <i>Biochemistry</i> , 1992 , 31, 11519-23	3.2	29
124	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. <i>Molecular Pharmacology</i> , 2009 , 75, 265-71	4.3	28
123	Transcriptional regulation by HNF-4 of the steroid 15alpha-hydroxylase P450 (Cyp2a-4) gene in mouse liver. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997 , 62, 307-14	5.1	28

122	Characterization of a cDNA for rat P-450g, a highly polymorphic, male-specific cytochrome in the P-450IIC subfamily. <i>Biochemistry</i> , 1989 , 28, 5832-9	3.2	28
121	Inter-alpha-trypsin inhibitor promotes bronchial epithelial repair after injury through vitronectin binding. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16922-16930	5.4	27
120	Molecular characterization of the murine Coh locus: an amino acid difference at position 117 confers high and low coumarin 7-hydroxylase activity in P450coh. <i>Pharmacogenetics and Genomics</i> , 1992 , 2, 32-7		27
119	Cloning and nucleotide sequence of a novel, male-predominant carboxylesterase in mouse liver. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1993 , 1174, 72-4		27
118	Presence of apo-cytochrome beta 5 in microsomes from rat liver. <i>Journal of Biochemistry</i> , 1970 , 67, 745-751		27
117	Phosphorylated Nuclear Receptor CAR Forms a Homodimer To Repress Its Constitutive Activity for Ligand Activation. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	25
116	Dietary flavonoids activate the constitutive androstane receptor (CAR). <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2168-73	5.7	25
115	PACAP activates Rac1 and synergizes with NGF to activate ERK1/2, thereby inducing neurite outgrowth in PC12 cells. <i>Molecular Brain Research</i> , 2004 , 123, 18-26		25
114	Structures and characterization of sex-specific mouse cytochrome P-450 genes as members within a large family. Duplication boundary and evolution. <i>FEBS Journal</i> , 1991 , 195, 477-86		25
113	Phenobarbital Meets Phosphorylation of Nuclear Receptors. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 532-539	4	24
112	The antiapoptotic factor growth arrest and DNA-damage-inducible 45 beta regulates the nuclear receptor constitutive active/androstane receptor-mediated transcription. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 1189-93	4	24
111	Similarities between mouse and rat-liver microsomal cytochromes P-450 induced by 3-methylcholanthrene. Evidence from catalytic, immunologic, and recombinant DNA studies. <i>FEBS Journal</i> , 1982 , 122, 361-8		24
110	Early growth response 1 loops the CYP2B6 promoter for synergistic activation by the distal and proximal nuclear receptors CAR and HNF4alpha. <i>FEBS Letters</i> , 2009 , 583, 2126-30	3.8	23
109	Structural flexibility and functional versatility of cytochrome P450 and rapid evolution. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996 , 350, 43-50	3.3	23
108	Female-predominant expression of testosterone 16 alpha-hydroxylase ("I"-P-450(16)alpha) and its repression in strain 129/J. <i>Archives of Biochemistry and Biophysics</i> , 1986 , 244, 857-64	4.1	23
107	PXR cross-talks with internal and external signals in physiological and pathophysiological responses. <i>Drug Metabolism Reviews</i> , 2013 , 45, 300-10	7	22
106	Residue threonine 350 confers steroid hormone responsiveness to the mouse nuclear orphan receptor CAR. <i>Molecular Pharmacology</i> , 2002 , 61, 1284-8	4.3	22
105	Cytochrome P1-450 structural gene in mouse, rat, and rabbit: differences in DNA methylation and developmental expression of mRNA. <i>DNA and Cell Biology</i> , 1982 , 1, 231-8		22

104	Sexual dimorphisms in zonal gene expression in mouse liver. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 436, 730-5	3.4	21
103	Serum- and glucocorticoid-regulated kinase 2 determines drug-activated pregnane X receptor to induce gluconeogenesis in human liver cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 348, 131-40	4.7	21
102	Serine 216 phosphorylation of estrogen receptor α in neutrophils: migration and infiltration into the mouse uterus. <i>PLoS ONE</i> , 2013 , 8, e84462	3.7	21
101	Altering the regiospecificity of androstenedione hydroxylase activity in P450s 2a-4/5 by a mutation of the residue at position 481. <i>Biochemistry</i> , 1995 , 34, 5054-9	3.2	21
100	Substrate specificities of cytochrome P-450, C-P-450(16)alpha and P-450(15)alpha, and contribution to steroid hydroxylase activities in mouse liver microsomes. <i>Biochemical Pharmacology</i> , 1988 , 37, 4778-80	6	21
99	Structure of the mouse cytochrome P1-450 genomic gene. <i>FEBS Journal</i> , 1983 , 134, 19-25		21
98	Coordinated regulation of nuclear receptor CAR by CCRP/DNAJC7, HSP70 and the ubiquitin-proteasome system. <i>PLoS ONE</i> , 2014 , 9, e96092	3.7	21
97	Pregnane X Receptor Represses HNF4 α Gene to Induce Insulin-Like Growth Factor-Binding Protein IGFBP1 that Alters Morphology of and Migrates HepG2 Cells. <i>Molecular Pharmacology</i> , 2015 , 88, 746-57	4.3	20
96	Nuclear receptor CAR (NR1H3) is essential for DDC-induced liver injury and oval cell proliferation in mouse liver. <i>Laboratory Investigation</i> , 2011 , 91, 1624-33	5.9	20
95	The chondroitin polymerase K4CP and the molecular mechanism of selective bindings of donor substrates to two active sites. <i>Journal of Biological Chemistry</i> , 2008 , 283, 32328-33	5.4	20
94	Localization of the nuclear receptor CAR at the cell membrane of mouse liver. <i>FEBS Letters</i> , 2005 , 579, 6733-6	3.8	20
93	Regulation of Cyp2a5 transcription in mouse primary hepatocytes: roles of hepatocyte nuclear factor 4 and nuclear factor I. <i>Biochemical Journal</i> , 2004 , 381, 887-94	3.8	20
92	A trans-acting locus regulates transcriptional repression of the female-specific steroid 15 alpha-hydroxylase gene in male mice. <i>Journal of Molecular Endocrinology</i> , 1993 , 11, 213-22	4.5	20
91	Molecular cloning and characterization of a novel nuclear protein kinase in mice. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 352, 31-6	4.1	19
90	3PPhosphoadenosine 5Pphosphosulfate binding site of flavonol 3-sulfotransferase studied by affinity chromatography and 31P NMR. <i>Biochemistry</i> , 1999 , 38, 4066-71	3.2	19
89	Localization of nascent NADPH-cytochrome c reductase in rat liver microsomes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1975 , 381, 215-20	4	19
88	Phosphorylation of Farnesoid X Receptor at Serine 154 Links Ligand Activation With Degradation. <i>Molecular Endocrinology</i> , 2016 , 30, 1070-1080		18
87	Expression of CAR in SW480 and HepG2 cells during G1 is associated with cell proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 1027-33	3.4	18

86	The roles of individual amino acids in altering substrate specificity of the P450 2a4/2a5 enzymes. <i>Biochimie</i> , 1996 , 78, 685-94	4.6	18
85	Overexpression of a cytochrome P-450 of the 2a family (Cyp2a-5) in chemically induced hepatomas from female mice. <i>FEBS Journal</i> , 1994 , 219, 791-8		18
84	The roles of co-chaperone CCRP/DNAJC7 in Cyp2b10 gene activation and steatosis development in mouse livers. <i>PLoS ONE</i> , 2014 , 9, e115663	3.7	17
83	p38 Mitogen-activated protein kinase regulates nuclear receptor CAR that activates the CYP2B6 gene. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 1170-3	4	17
82	Reciprocal size-effect relationship of the key residues in determining regio- and stereospecificities of DHEA hydroxylase activity in P450 2a5. <i>Biochemistry</i> , 1997 , 36, 3193-8	3.2	17
81	Retinoic acids repress constitutive active receptor-mediated induction by 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene of the CYP2B10 gene in mouse primary hepatocytes. <i>Drug Metabolism and Disposition</i> , 2002 , 30, 208-11	4	17
80	Heparan sulfate biosynthesis: a theoretical study of the initial sulfation step by N-deacetylase/N-sulfotransferase. <i>Biophysical Journal</i> , 2000 , 79, 2909-17	2.9	17
79	cDNA cloning and sequence of CYP2C29 encoding P-450 MUT-2, a microsomal aldehyde oxygenase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994 , 1184, 299-301	4.6	17
78	Comparison between cobalt and pyrazole in the increased expression of coumarin 7-hydroxylase in mouse liver. <i>Biochemical Pharmacology</i> , 1991 , 41, 462-5	6	17
77	Characterization of testosterone 16 alpha-hydroxylase (I-P-450(16) alpha) induced by phenobarbital in mice. <i>Biochemistry</i> , 1985 , 24, 5632-7	3.2	17
76	Nuclear receptor phosphorylation in xenobiotic signal transduction. <i>Journal of Biological Chemistry</i> , 2020 , 295, 15210-15225	5.4	17
75	Induction of genes for metabolism and transport by trans-stilbene oxide in livers of Sprague-Dawley and Wistar-Kyoto rats. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1190-7	4	16
74	Multiple steroid-binding orientations: alteration of regiospecificity of dehydroepiandrosterone 2- and 7-hydroxylase activities of cytochrome P-450 2a-5 by mutation of residue 209. <i>Biochemical Journal</i> , 1995 , 306 (Pt 1), 29-33	3.8	16
73	Heparan sulphate N-sulphotransferase activity: reaction mechanism and substrate recognition. <i>Biochemical Society Transactions</i> , 2003 , 31, 331-4	5.1	15
72	Direct expression of fluorescent protein-tagged nuclear receptor CAR in mouse liver. <i>Methods in Enzymology</i> , 2002 , 357, 205-13	1.7	15
71	Role of nuclear receptor CAR in carbon tetrachloride-induced hepatotoxicity. <i>World Journal of Gastroenterology</i> , 2005 , 11, 5966-72	5.6	15
70	Phosphorylation of serine 212 confers novel activity to human estrogen receptor α . <i>Steroids</i> , 2012 , 77, 448-53	2.8	14
69	Cohesin protein SMC1 represses the nuclear receptor CAR-mediated synergistic activation of a human P450 gene by xenobiotics. <i>Biochemical Journal</i> , 2006 , 398, 125-33	3.8	14

68	Explicit water near the catalytic I helix Thr in the predicted solution structure of CYP2A4. <i>Biophysical Journal</i> , 2003 , 84, 57-68	2.9	14
67	Thr176 regulates the activity of the mouse nuclear receptor CAR and is conserved in the NR11 subfamily members PXR and VDR. <i>Biochemical Journal</i> , 2005 , 388, 623-30	3.8	14
66	Alteration of the substrate specificity of mouse 2A P450s by the identity of residue-209: steroid-binding site and orientation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 43, 1031-6	5.1	14
65	Nuclear xenobiotic receptor PXR-null mouse exhibits hypophosphatemia and represses the Na/Pi-cotransporter SLC34A2. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 9-17	1.9	13
64	p38 MAP Kinase Links CAR Activation and Inactivation in the Nucleus via Phosphorylation at Threonine 38. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 871-6	4	13
63	Interaction of the phosphorylated DNA-binding domain in nuclear receptor CAR with its ligand-binding domain regulates CAR activation. <i>Journal of Biological Chemistry</i> , 2018 , 293, 333-344	5.4	13
62	Phenobarbital and Insulin Reciprocate Activation of the Nuclear Receptor Constitutive Androstane Receptor through the Insulin Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 357, 367-74	4.7	12
61	Glucose elicits serine/threonine kinase VRK1 to phosphorylate nuclear pregnane X receptor as a novel hepatic gluconeogenic signal. <i>Cellular Signalling</i> , 2017 , 40, 200-209	4.9	12
60	The nuclear receptors constitutive active/androstane receptor and pregnane x receptor activate the Cyp2c55 gene in mouse liver. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 1177-82	4	12
59	The structural basis for a coordinated reaction catalyzed by a bifunctional glycosyltransferase in chondroitin biosynthesis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36022-8	5.4	12
58	Species-specific responses of constitutively active receptor (CAR)-CYP2B coupling: lack of CYP2B inducer-responsive nuclear translocation of CAR in marine teleost, scup (<i>Stenotomus chrysops</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002 , 131, 501-10	3.2	12
57	Functional characterization of two cytochrome P-450s within the mouse, male-specific steroid 16 alpha-hydroxylase gene family: expression in mammalian cells and chimeric proteins. <i>Biochemistry</i> , 1989 , 28, 4779-84	3.2	12
56	Tissue-specific regulation of cytochrome P-450 dependent testosterone 15 alpha-hydroxylase. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 769-76	2.4	12
55	Expression and subcellular distribution of mouse cytochrome P1-450 mRNA as determined by molecular hybridization with cloned P1-450 DNA. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 104, 641-8	3.4	12
54	Human SULT1A genes: cloning and activity assays of the SULT1A promoters. <i>Methods in Enzymology</i> , 2005 , 400, 147-65	1.7	11
53	Two-step mechanism that determines the donor binding specificity of human UDP-N-acetylhexosaminyltransferase. <i>Journal of Biological Chemistry</i> , 2005 , 280, 23441-5	5.4	11
52	Structure-function modeling of the interactions of N-alkyl-N-hydroxyanilines with rat hepatic aryl sulfotransferase IV. <i>Chemical Research in Toxicology</i> , 2000 , 13, 1251-8	4	11
51	Role of CYP2B in Phenobarbital-Induced Hepatocyte Proliferation in Mice. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 977-981	4	10

50	Nuclear receptor CAR specifically activates the two-pore K ⁺ channel Kcnk1 gene in male mouse livers, which attenuates phenobarbital-induced hepatic hyperplasia. <i>Toxicological Sciences</i> , 2013 , 132, 151-61	4.4	10
49	Lack of the steroid 15 alpha-hydroxylase gene (Cyp2a-4) in wild mouse strain <i>Mus spretus</i> : rapid evolution of the P450 gene superfamily. <i>Genomics</i> , 1994 , 19, 564-6	4.3	10
48	Characterization and regulation of sex-specific mouse steroid hydroxylase genes. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 754-61	2.4	10
47	The early stage of labeling of microsomal membrane proteins in rat liver by radioactive amino acids. <i>Journal of Biochemistry</i> , 1972 , 72, 1407-17	3.1	10
46	Nuclear receptor CAR-regulated expression of the FAM84A gene during the development of mouse liver tumors. <i>International Journal of Oncology</i> , 2011 , 38, 1511-20	4.4	9
45	Characterization of a cDNA for the unexpressed form of cytochrome P-450g from the (-g) rat and differentiation of its mRNA from that of the (+g) phenotype using specific oligoprobes. <i>Biochemistry</i> , 1990 , 29, 713-8	3.2	9
44	Sex-dependent expression of mouse testosterone 16 alpha-hydroxylase (cytochrome P-450(16) alpha): cDNA cloning and pretranslational regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 2024-8	11.5	9
43	Nuclear receptor CAR-ER β signaling regulates the estrogen sulfotransferase gene in the liver. <i>Scientific Reports</i> , 2020 , 10, 5001	4.9	8
42	Phenobarbital-induced phosphorylation converts nuclear receptor ROR α from a repressor to an activator of the estrogen sulfotransferase gene Sult1e1 in mouse livers. <i>FEBS Letters</i> , 2018 , 592, 2760-2768	3.8	8
41	Structural alteration of mouse P450c α by mutation of glycine-207 to proline: spin equilibrium, enzyme kinetics, and heat sensitivity. <i>Biochemical Journal</i> , 1993 , 294 (Pt 1), 31-4	3.8	8
40	Activation of aflatoxin B1 by mouse CYP2A enzymes and cytotoxicity in recombinant yeast cells. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1994 , 292, 67-73		8
39	Expression of genes within mouse IIA and IID subfamilies: simultaneous measurement of homologous P450 mRNAs. <i>Methods in Enzymology</i> , 1991 , 206, 267-73	1.7	8
38	Estrogen receptor β phosphorylated at Ser216 confers inflammatory function to mouse microglia. <i>Cell Communication and Signaling</i> , 2020 , 18, 117	7.5	8
37	A phosphorylation-deficient mutant of retinoid X receptor β at Thr 167 alters fasting response and energy metabolism in mice. <i>Laboratory Investigation</i> , 2019 , 99, 1470-1483	5.9	7
36	Sulfotransferase 4A1 Increases Its Expression in Mouse Neurons as They Mature. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 860-864	4	7
35	Nuclear Receptor CAR Suppresses GADD45B-p38 MAPK Signaling to Promote Phenobarbital-induced Proliferation in Mouse Liver. <i>Molecular Cancer Research</i> , 2018 , 16, 1309-1318	6.6	7
34	Role of a novel CAR-induced gene, TUBA8, in hepatocellular carcinoma cell lines. <i>Cancer Genetics</i> , 2011 , 204, 382-91	2.3	7
33	Overexpression of the Rho-guanine nucleotide exchange factor ECT2 inhibits nuclear translocation of nuclear receptor CAR in the mouse liver. <i>FEBS Letters</i> , 2007 , 581, 4937-42	3.8	7

32	Two steroid 15 alpha-hydroxylase genes and a homologous gene family in mice. <i>Gene</i> , 1990 , 87, 205-11	3.8	7
31	Genetic regulation of estrogen-dependent repression of female-specific testosterone 16 alpha-hydroxylase (I-P-450(16 alpha) in male mouse liver: murine Ripr locus. <i>Biochemistry</i> , 1988 , 27, 6444-8	3.8	7
30	Genetic regulation of testosterone 15 alpha-hydroxylase (cytochrome P-450(15)alpha) in renal microsomes of female mice. <i>Biochemistry</i> , 1986 , 25, 4913-8	3.2	7
29	Ligand induced dissociation of the AR homodimer precedes AR monomer translocation to the nucleus. <i>Scientific Reports</i> , 2019 , 9, 16734	4.9	7
28	Modulation of specificity and activity in mammalian cytochrome P-450. <i>Methods in Enzymology</i> , 1991 , 202, 741-52	1.7	6
27	The nuclear receptor constitutive active/androstane receptor arrests DNA-damaged human hepatocellular carcinoma Huh7 cells at the G2/M phase. <i>Molecular Carcinogenesis</i> , 2012 , 51, 206-12	5	5
26	Characterization of specific donor binding to alpha1,4-N-acetylhexosaminyltransferase EXTL2 using isothermal titration calorimetry. <i>Methods in Enzymology</i> , 2006 , 416, 3-12	1.7	5
25	A quantum mechanical study of the transfer of biological sulfate. <i>Computational and Theoretical Chemistry</i> , 1999 , 461-462, 105-111		5
24	Phosphorylation of vaccinia-related kinase 1 at threonine 386 transduces glucose stress signal in human liver cells. <i>Bioscience Reports</i> , 2020 , 40,	4.1	5
23	Ser100-Phosphorylated ROR Orchestrates CAR and HNF4 to Form Active Chromatin Complex in Response to Phenobarbital to Regulate Induction of CYP2B6. <i>Molecular Pharmacology</i> , 2020 , 97, 191-204	4.3	3
22	Co-Chaperone-Mediated Suppression of LPS-Induced Cardiac Toxicity Through NFB Signaling. <i>Shock</i> , 2018 , 50, 248-254	3.4	3
21	Steroid hormone-dependent overexpression of cytochromes P450 2A in liver tumors of TGF alpha transgenic male mice. <i>Journal of Gastroenterology</i> , 1997 , 32, 708-11	6.9	3
20	ROR phosphorylation by casein kinase 1 trans glucose signal to regulate estrogen sulfation in human liver cells. <i>Biochemical Journal</i> , 2020 , 477, 3583-3598	3.8	3
19	PXR phosphorylated at Ser350 transduces a glucose signal to repress the estrogen sulfotransferase gene in human liver cells and fasting signal in mouse livers. <i>Biochemical Pharmacology</i> , 2020 , 180, 114197	6	3
18	Detection and Functional Analysis of Estrogen Receptor Phosphorylated at Serine 216 in Mouse Neutrophils. <i>Methods in Molecular Biology</i> , 2016 , 1366, 413-424	1.4	2
17	Nuclear Receptor-Mediated Regulation of Cytochrome P450 Genes 2015 , 787-812		2
16	Estrogen Sulfotransferase (SULT1E1): Its Molecular Regulation, Polymorphisms, and Clinical Perspectives. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
15	Glucocorticoid receptor dimerization in the cytoplasm might be essential for nuclear localization. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 553, 154-159	3.4	2

14	GR Utilizes a Co-Chaperone Cytoplasmic CAR Retention Protein to Form an N/C Interaction. <i>Nuclear Receptor Signaling</i> , 2018 , 15, 1550762918801072	1	2
13	Genetic Differences in Enzymes which Metabolize Drugs, Chemical Carcinogens, and Other Environmental Pollutants 1983 , 441-462		2
12	Cloning genes that encode inducible forms of P-450. <i>Biochemical Society Transactions</i> , 1984 , 12, 99-101	5.1	1
11	SUN-LB134 Androgen Receptor Phosphorylated at Serine 815 in Mouse and Human Prostates. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	1
10	Crystal Structure-Based Analysis of Human Glucuronyltransferase 1.. <i>Trends in Glycoscience and Glycotechnology</i> , 2001 , 13, 121-129	0.1	1
9	Androgen receptor phosphorylated at Ser815: The expression and function in the prostate and tumor-derived cells. <i>Biochemical Pharmacology</i> , 2021 , 194, 114794	6	1
8	Sex-specific expression mechanism of hepatic estrogen inactivating enzyme and transporters in diabetic women. <i>Biochemical Pharmacology</i> , 2021 , 190, 114662	6	1
7	Human constitutive androstane receptor represses liver cancer development and hepatoma cell proliferation by inhibiting erythropoietin signaling.. <i>Journal of Biological Chemistry</i> , 2022 , 101885	5.4	1
6	Mice blocking Ser347 phosphorylation of pregnane x receptor develop hepatic fasting-induced steatosis and hypertriglyceridemia. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 615, 75-80	3.4	1
5	Immunoprecipitation Analyses of Estrogen Receptor [Phosphorylated at Serine 216 in the Mouse Liver.. <i>Methods in Molecular Biology</i> , 2022 , 2418, 41-51	1.4	0
4	Detection and Functional Analysis of Estrogen Receptor [Phosphorylated at Serine 216 in Mouse Neutrophils.. <i>Methods in Molecular Biology</i> , 2022 , 2418, 63-75	1.4	0
3	Epidermal Growth Factor Receptor: The Phenobarbital Receptor that Elicits CAR Activation Signal for P450 Induction 2014 , 247-257		
2	DRUG INDUCTION OF P450 GENES: HISTORY, MECHANISM, AND IMPLICATION. <i>Drug Metabolism and Pharmacokinetics</i> , 2001 , 16, 70-71		
1	The K+ Channel KCNK1: CAR-mediated Gene Regulation of Male-specific Induction by PB and Hepatic Hypertrophy. <i>FASEB Journal</i> , 2011 , 25, 1090.5	0.9	