

Joyce A Goldstein

List of Publications by Year in descending order

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104
papers

10,118
citations

28274

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33894

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104
all docs

104
docs citations

104
times ranked

5933
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P450 2C9 polymorphisms: a comprehensive review of the in-vitro and human data. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 251-263.	5.7	646
2	The role of the CYP2C9-Leu 359 allelic variant in the tolbutamide polymorphism. <i>Pharmacogenetics and Genomics</i> , 1996, 6, 341-349.	5.7	600
3	Clinical relevance of genetic polymorphisms in the human CYP2C subfamily. <i>British Journal of Clinical Pharmacology</i> , 2001, 52, 349-355.	2.4	530
4	Biochemistry and molecular biology of the human CYP2C subfamily. <i>Pharmacogenetics and Genomics</i> , 1994, 4, 285-300.	5.7	484
5	Polymorphisms in human CYP2C8 decrease metabolism of the anticancer drug paclitaxel and arachidonic acid. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 597-607.	5.7	445
6	Frequencies of the defective CYP2C19 alleles responsible for the mephenytoin poor metabolizer phenotype in various Oriental, Caucasian, Saudi Arabian and American black populations. <i>Pharmacogenetics and Genomics</i> , 1997, 7, 59-64.	5.7	314
7	Kidney Function Influences Warfarin Responsiveness and Hemorrhagic Complications. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 912-921.	6.1	256
8	Separation of pure polychlorinated biphenyl isomers into two types of inducers on the basis of induction of cytochrome P-450 or P-448. <i>Chemico-Biological Interactions</i> , 1977, 17, 69-87.	4.0	247
9	Identification of a null allele of CYP2C9 in an African-American exhibiting toxicity to phenytoin. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 803-808.	5.7	246
10	Cloning and expression of complementary DNAs for multiple members of the human cytochrome P450IIC subfamily. <i>Biochemistry</i> , 1991, 30, 3247-3255.	2.5	227
11	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.	2.5	206
12	Human CYP2C8 Is Transcriptionally Regulated by the Nuclear Receptors Constitutive Androstane Receptor, Pregnane X Receptor, Glucocorticoid Receptor, and Hepatic Nuclear Factor 4 α . <i>Molecular Pharmacology</i> , 2005, 68, 747-757.	2.3	185
13	Pharmacokinetics of chlorpheniramine, phenytoin, glipizide and nifedipine in an individual homozygous for the CYP2C9*3 allele. <i>Pharmacogenetics and Genomics</i> , 1999, 9, 71-80.	5.7	166
14	Ticlopidine as a Selective Mechanism-Based Inhibitor of Human Cytochrome P450 2C19. <i>Biochemistry</i> , 2001, 40, 12112-12122.	2.5	165
15	Gene structure of CYP2C8 and extrahepatic distribution of the human CYP2Cs. <i>Journal of Biochemical and Molecular Toxicology</i> , 1999, 13, 289-295.	3.0	160
16	Identification of Constitutive Androstane Receptor and Glucocorticoid Receptor Binding Sites in the CYP2C19 Promoter. <i>Molecular Pharmacology</i> , 2003, 64, 316-324.	2.3	160
17	Comparative Studies on the Catalytic Roles of Cytochrome P450 2C9 and Its Cys- and Leu-Variants in the Oxidation of Warfarin, Flurbiprofen, and Diclofenac by Human Liver Microsomes. <i>Biochemical Pharmacology</i> , 1998, 56, 243-251.	4.4	153
18	The hydroxylation of omeprazole correlates with S-mephenytoin metabolism: A population study*. <i>Clinical Pharmacology and Therapeutics</i> , 1995, 57, 662-669.	4.7	149

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19	Regulation of Human CYP2C9 by the Constitutive Androstane Receptor: Discovery of a New Distal Binding Site. <i>Molecular Pharmacology</i> , 2002, 62, 737-746.	2.3	149
20	Genetic findings and functional studies of human CYP3A5 single nucleotide polymorphisms in different ethnic groups*. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 461-472.	5.7	142
21	Influence of CYP2C9 and VKORC1 on warfarin dose, anticoagulation attainment and maintenance among European-Americans and African-Americans. <i>Pharmacogenomics</i> , 2008, 9, 511-526.	1.3	142
22	Detection of Human CYP2C8, CYP2C9, and CYP2J2 in Cardiovascular Tissues. <i>Drug Metabolism and Disposition</i> , 2007, 35, 682-688.	3.3	140
23	Discovery of new potentially defective alleles of human CYP2C9. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 527-537.	5.7	137
24	Identification of the polymorphically expressed CYP2C19 and the wild-type CYP2C9-ILE359 allele as low-K _m catalysts of cyclophosphamide and ifosfamide activation. <i>Pharmacogenetics and Genomics</i> , 1997, 7, 211-221.	5.7	136
25	Genetic analysis of the S-mephenytoin polymorphism in a chinese population*. <i>Clinical Pharmacology and Therapeutics</i> , 1995, 58, 404-411.	4.7	126
26	Identification and functional characterization of new potentially defective alleles of human CYP2C19. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 703-711.	5.7	123
27	The Transcriptional Regulation of the Human CYP2C Genes. <i>Current Drug Metabolism</i> , 2009, 10, 567-578.	1.2	112
28	Midazolam Metabolism in Cytochrome P450 3A Knockout Mice Can Be Attributed to Up-Regulated CYP2C Enzymes. <i>Molecular Pharmacology</i> , 2008, 73, 1029-1036.	2.3	106
29	The Nuclear Receptors Constitutive Androstane Receptor and Pregnane X Receptor Cross-Talk with Hepatic Nuclear Factor 4 α to Synergistically Activate the Human CYP2C9 Promoter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 1125-1133.	2.5	104
30	Cloning and Expression of Murine CYP2Cs and Their Ability to Metabolize Arachidonic Acid. <i>Archives of Biochemistry and Biophysics</i> , 1998, 357, 45-57.	3.0	103
31	Effects of pentachlorophenol on hepatic drug-metabolizing enzymes and porphyria related to contamination with chlorinated dibenzo-p-dioxins and dibenzofurans. <i>Biochemical Pharmacology</i> , 1977, 26, 1549-1557.	4.4	100
32	[23] Genetic tests which identify the principal defects in CYP2C19 responsible for the polymorphism in mephenytoin metabolism. <i>Methods in Enzymology</i> , 1996, 272, 210-218.	1.0	99
33	An additional defective allele, CYP2C19*5, contributes to the S-mephenytoin poor metabolizer phenotype in Caucasians. <i>Pharmacogenetics and Genomics</i> , 1998, 8, 129-136.	5.7	95
34	Mechanism of action and structure-activity relationships for the chlorinated dibenzo-p-dioxins and related compounds. , 1989, , 239-293.		94
35	Experimental hepatic porphyria induced by polychlorinated biphenyls. <i>Toxicology and Applied Pharmacology</i> , 1974, 27, 437-448.	2.8	92
36	Functionally defective or altered CYP3A4 and CYP3A5 single nucleotide polymorphisms and their detection with genotyping tests. <i>Pharmacogenomics</i> , 2005, 6, 357-371.	1.3	87

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37	Toxicological assessment of hexachlorobiphenyl isomers and 2,3,7,8-tetrachlorodibenzofuran in chicks. <i>Toxicology and Applied Pharmacology</i> , 1976, 36, 81-92.	2.8	86
38	Tolbutamide, Flurbiprofen, and Losartan as Probes of CYP2C9 Activity in Humans. <i>Journal of Clinical Pharmacology</i> , 2003, 43, 84-91.	2.0	86
39	THE STRUCTURE-ACTIVITY RELATIONSHIPS OF HALOGENATED BIPHENYLS AS ENZYME INDUCERS. <i>Annals of the New York Academy of Sciences</i> , 1979, 320, 164-178.	3.8	82
40	A multifamily study on the relationship between CYP2C19 genotype and S-mephenytoin oxidation phenotype. <i>Pharmacogenetics and Genomics</i> , 1995, 5, 312-317.	5.7	80
41	Transcriptional Regulation of Human CYP2C Genes: Functional Comparison of CYP2C9 and CYP2C18 Promoter Regions. <i>Biochemistry</i> , 1995, 34, 8028-8036.	2.5	77
42	Identification of Residues 99, 220, and 221 of Human Cytochrome P450 2C19 as Key Determinants of Omeprazole Hydroxylase Activity. <i>Journal of Biological Chemistry</i> , 1996, 271, 12496-12501.	3.4	77
43	Functional Characterization of Novel Allelic Variants of CYP2C9 Recently Discovered in Southeast Asians. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 1085-1090.	2.5	77
44	Interaction of hexachlorobenzene with the receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro and in vivo,. <i>Archives of Biochemistry and Biophysics</i> , 1989, 270, 344-355.	3.0	73
45	CYP2C44, a New Murine CYP2C That Metabolizes Arachidonic Acid to Unique Stereospecific Products. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 845-854.	2.5	71
46	Enhanced biliary excretion of thyroxine glucuronide in rats pretreated with benzpyrene. <i>Biochemical Pharmacology</i> , 1968, 17, 1049-1065.	4.4	70
47	THE STRUCTURE-ACTIVITY RELATIONSHIPS OF HALOGENATED BIPHENYLS AS ENZYME INDUCERS. <i>Annals of the New York Academy of Sciences</i> , 1979, 320, 164-178.	3.8	70
48	Human CYP2C8 Is Post-Transcriptionally Regulated by MicroRNAs 103 and 107 in Human Liver. <i>Molecular Pharmacology</i> , 2012, 82, 529-540.	2.3	70
49	Increases in cytochrome P-450 mediated 17 β -estradiol 2-hydroxylase activity in rat liver microsomes after both acute administration and subchronic administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a two-stage hepatocarcinogenesis model. <i>Carcinogenesis</i> , 1988, 9, 1935-1941.	2.8	69
50	Cloning, Expression, and Characterization of Three New Mouse Cytochrome P450 Enzymes and Partial Characterization of Their Fatty Acid Oxidation Activities. <i>Molecular Pharmacology</i> , 2004, 65, 1148-1158.	2.3	68
51	Recombinant CYP3A4*17 Is Defective in Metabolizing the Hypertensive Drug Nifedipine, and the CYP3A4*17 Allele May Occur on the Same Chromosome as CYP3A5*3, Representing a New Putative Defective CYP3A Haplotype. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 302-309.	2.5	65
52	A comparative study of two polychlorinated biphenyl mixtures (Aroclors 1242 and 1016) containing 42% chlorine on induction of hepatic porphyria and drug metabolizing enzymes. <i>Toxicology and Applied Pharmacology</i> , 1975, 32, 461-473.	2.8	61
53	Med25 Is Required for RNA Polymerase II Recruitment to Specific Promoters, Thus Regulating Xenobiotic and Lipid Metabolism in Human Liver. <i>Molecular and Cellular Biology</i> , 2011, 31, 466-481.	2.3	60
54	Identification of Residues 286 and 289 as Critical for Conferring Substrate Specificity of Human CYP2C9 for Diclofenac and Ibuprofen. <i>Archives of Biochemistry and Biophysics</i> , 1998, 357, 240-248.	3.0	58

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55	Differences in flurbiprofen pharmacokinetics between CYP2C9*1/*1, *1/*2, and *1/*3 genotypes. <i>European Journal of Clinical Pharmacology</i> , 2003, 58, 791-794.	1.9	58
56	Mouse Liver CYP2C39 Is a Novel Retinoic Acid 4-Hydroxylase. <i>Journal of Biological Chemistry</i> , 2004, 279, 3434-3438.	3.4	58
57	Torsemide metabolism by CYP2C9 variants and other human CYP2C subfamily enzymes. <i>Pharmacogenetics and Genomics</i> , 2000, 10, 267-270.	5.7	52
58	Phenotypic differences in expression of cytochrome P-450g but not its mRNA in outbred male Sprague-Dawley rats. <i>Archives of Biochemistry and Biophysics</i> , 1987, 253, 13-25.	3.0	50
59	Analysis of the CYP2C19 polymorphism in a North-eastern Thai population. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 221-225.	5.7	50
60	Evaluation of cytochrome P450C9 metabolic activity with tolbutamide in CYP2C9*1 heterozygotes. <i>Clinical Pharmacology and Therapeutics</i> , 2002, 72, 562-571.	4.7	50
61	The Constitutive Active/Androstane Receptor Regulates Phenytoin Induction of Cyp2c29. <i>Molecular Pharmacology</i> , 2004, 65, 1397-1404.	2.3	50
62	Effects of purified and technical piperonyl butoxide on drug-metabolizing enzymes and ultrastructure of rat liver. <i>Toxicology and Applied Pharmacology</i> , 1973, 26, 444-458.	2.8	49
63	Identification of Human CYP2C19 Residues that Confer S-Mephenytoin 4- β -Hydroxylation Activity to CYP2C9. <i>Biochemistry</i> , 2001, 40, 1937-1944.	2.5	49
64	Specificity of rat liver cytochrome P-450 isozymes in the mutagenic activation of benzo[a]pyrene, aromatic amines and aflatoxin B1. <i>Carcinogenesis</i> , 1983, 4, 93-96.	2.8	48
65	Genetic Polymorphisms in Human Drug Metabolic Enzymes,. <i>Fundamental and Applied Toxicology</i> , 1997, 40, 1-14.	1.8	48
66	Human CYP2C-mediated stereoselective phenytoin hydroxylation in Japanese: difference in chiral preference of CYP2C9 and CYP2C19. <i>Biochemical Pharmacology</i> , 1999, 57, 1297-1303.	4.4	48
67	Cyclophosphamide and 4- β -hydroxycyclophosphamide pharmacokinetics in patients with glomerulonephritis secondary to lupus and small vessel vasculitis. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 445-455.	2.4	48
68	Evaluation of potential losartan-phenytoin drug interactions in healthy volunteers*. <i>Clinical Pharmacology and Therapeutics</i> , 2002, 72, 238-246.	4.7	47
69	Phenytoin Induction of the Cyp2c37 Gene Is Mediated by the Constitutive Androstane Receptor. <i>Drug Metabolism and Disposition</i> , 2006, 34, 2003-2010.	3.3	44
70	Induction of porphyria in the rat by chronic versus acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Biochemical Pharmacology</i> , 1982, 31, 1607-1613.	4.4	43
71	Induction of cytochrome P-450 isozymes by hexachlorobenzene in rats and aromatic hydrocarbon (Ah)-responsive mice. <i>Journal of Biochemical Toxicology</i> , 1986, 1, 95-107.	0.4	37
72	Hepatocyte Nuclear Factor 4 β Regulates Rifampicin-Mediated Induction of CYP2C Genes in Primary Cultures of Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2010, 38, 591-599.	3.3	35

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73	Losartan and E3174 Pharmacokinetics in Cytochrome P450C9*1/*1,*1/*2, and*1/*3Individuals. <i>Pharmacotherapy</i> , 2003, 23, 720-725.	2.6	33
74	Nuclear Receptor Coactivator 6 Mediates the Synergistic Activation of Human Cytochrome P-450 2C9 by the Constitutive Androstane Receptor and Hepatic Nuclear Factor-4 β . <i>Molecular Pharmacology</i> , 2008, 74, 913-923.	2.3	32
75	RBCK1, an E3 Ubiquitin Ligase, Interacts with and Ubiquitinates the Human Pregnane X Receptor. <i>Drug Metabolism and Disposition</i> , 2013, 41, 398-405.	3.3	32
76	A comparison of a commercial polybrominated biphenyl mixture, 2,4,5,2',4',5'-hexabromobiphenyl and 2,3,6,7-tetrabromonaphthalene as inducers of liver microsomal drug-metabolizing enzymes. <i>Biochemical Pharmacology</i> , 1979, 28, 2947-2956.	4.4	31
77	Characterization of a cDNA for rat P-450g, a highly polymorphic, male-specific cytochrome in the P-450IIC subfamily. <i>Biochemistry</i> , 1989, 28, 5832-5839.	2.5	30
78	CYP2C40, a Unique Arachidonic Acid 16-Hydroxylase, Is the Major CYP2C in Murine Intestinal Tract. <i>Molecular Pharmacology</i> , 2000, 58, 279-287.	2.3	29
79	Induction of specific cytochrome P-450 isozymes by methylenedioxyphenyl compounds and antagonism by 3-methylcholanthrene. <i>Archives of Biochemistry and Biophysics</i> , 1985, 243, 408-419.	3.0	28
80	Identification of HumanCYP2C8as a Retinoid-Related Orphan Nuclear Receptor Target Gene. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 192-201.	2.5	28
81	Associations of ABCB1 3435C>T and IL-10-1082G>A Polymorphisms With Long-Term Sirolimus Dose Requirements in Renal Transplant Patients. <i>Transplantation</i> , 2011, 92, 1342-1347.	1.0	27
82	CYP2C9 genotype and pharmacodynamic responses to losartan in patients with primary and secondary kidney diseases. <i>European Journal of Clinical Pharmacology</i> , 2009, 65, 947-953.	1.9	26
83	Epigenetic Modification of Histone 3 Lysine 27. <i>Journal of Biological Chemistry</i> , 2015, 290, 2264-2278.	3.4	22
84	Differential metabolism of acetanilide versus ethoxycoumarin and benzo[a]pyrene by two 3-methylcholanthrene-inducible forms of rat liver cytochrome P-450. <i>Archives of Biochemistry and Biophysics</i> , 1983, 226, 548-557.	3.0	20
85	The discovery of new coding alleles of human CYP26A1 that are potentially defective in the metabolism of all-trans retinoic acid and their assessment in a recombinant cDNA expression system. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 169-180.	1.5	20
86	Comparison of CYP3A4 and CYP3A5: The Effects of Cytochrome b5 and NADPH-cytochrome P450 Reductase on Testosterone Hydroxylation Activities. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 663-667.	2.2	20
87	CYP2C8 Is a Novel Target of Peroxisome Proliferator-Activated Receptor α in Human Liver. <i>Molecular Pharmacology</i> , 2016, 89, 154-164.	2.3	19
88	CYP2C9 Genetic Polymorphisms and Warfarin. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2004, 10, 149-154.	1.7	15
89	A New CYP3A5 Variant,CYP3A5*11, Is Shown to Be Defective in Nifedipine Metabolism in a Recombinant cDNA Expression System. <i>Drug Metabolism and Disposition</i> , 2007, 35, 67-71.	3.3	15
90	The Nuclear Receptors Constitutive Active/Androstane Receptor and Pregnane X Receptor Activate theCyp2c55Gene in Mouse Liver. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1177-1182.	3.3	14

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91	The influence of the CYP2C19*10 allele on clopidogrel activation and CYP2C19*2 genotyping. <i>Pharmacogenetics and Genomics</i> , 2014, 24, 381-386.	1.5	13
92	Regulation of Human CYP2C9 Expression by Electrophilic Stress Involves Activator Protein 1 Activation and DNA Looping. <i>Molecular Pharmacology</i> , 2014, 86, 125-137.	2.3	11
93	Reduced Methylprednisolone Clearance Causing Prolonged Pharmacodynamics in a Healthy Subject Was Not Associated With CYP3A5*3 Allele or a Change in Diet Composition. <i>Journal of Clinical Pharmacology</i> , 2006, 46, 515-526.	2.0	10
94	Associations of ABCB1 and IL-10 Genetic Polymorphisms With Sirolimus-Induced Dyslipidemia in Renal Transplant Recipients. <i>Transplantation</i> , 2012, 94, 971-977.	1.0	10
95	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, 713-718.	2.5	9
96	Med25 is required for estrogen receptor alpha (ER α)-mediated regulation of human CYP2C9 expression. <i>Biochemical Pharmacology</i> , 2014, 90, 425-431.	4.4	9
97	Marked differences in the inductive effects of two symmetrical hexachlorobiphenyls and the corresponding unsymmetrical isomer on hepatic monooxygenases. <i>Biochemical Pharmacology</i> , 1981, 30, 1008-1011.	4.4	8
98	NCOA6 differentially regulates the expression of the CYP2C9 and CYP3A4 genes. <i>Pharmacological Research</i> , 2011, 63, 405-413.	7.1	8
99	CYP2C9 polymorphisms and CYP2C9*2 genotyping primers. <i>British Journal of Clinical Pharmacology</i> , 2002, 53, 409-410.	2.4	6
100	Detection of human CYP2Cs in heart, aorta and coronary tissues. <i>FASEB Journal</i> , 2006, 20, A1111.	0.5	2
101	Genetic Polymorphisms in Human Drug Metabolic Enzymes. <i>Toxicological Sciences</i> , 1997, 40, 1-14.	3.1	1
102	Studies on the Role of the Ah Receptor in Hexachlorobenzene-Induced Porphyria. <i>Annals of the New York Academy of Sciences</i> , 1987, 514, 333-334.	3.8	0
103	MicroRNAs 103 and 107 regulate the expression of Human Cytochrome P450 2C8. <i>FASEB Journal</i> , 2011, 25, 1014.1.	0.5	0
104	PKC phosphorylation of Med25 is critical for Mediator assembly: Implications for HNF4 α signaling in drug metabolism. <i>FASEB Journal</i> , 2013, 27, 1180.1.	0.5	0