# Daniel W Nebert

List of Articles by Year
in descending order

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|---|---|---|---|
| 415<br>peer-reviewed articles | 38,119<br>peer-reviewed citations | 2646<br>93<br>peer-reviewed h-index | 286055<br>5.20<br>score |
| 484<br>documents | 47265<br>doc citations | 2179<br>105<br>h-index | 65470<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gene-Environment Interactions: My Unique Journey. Annual Review of Pharmacology and Toxicology, 2024, 64, 1-26. | 10.6 | 4 |
| 2 | The 2022 revised WHO TEFs for dioxins and dioxin-like chemicals: The importance of considering the use of species-specific information to determine relative effective potency for human-based risk assessment. Regulatory Toxicology and Pharmacology, 2024, 149, 105599. | 2.4 | 1 |
| 3 | Species differences in specific ligand-binding affinity and activation of AHR: The biological basis for calculation of relative effective potencies and toxic equivalence factors. Regulatory Toxicology and Pharmacology, 2024, 149, 105598. | 2.4 | 11 |
| 4 | Fatal Epileptic Seizures in Mice Having Compromised Glutathione and Ascorbic Acid Biosynthesis. Antioxidants, 2023, 12, 448. | 4.6 | 5 |
| 5 | Update of the keratin gene family: evolution, tissue-specific expression patterns, and relevance to clinical disorders. Human Genomics, 2022, 16, . | 2.2 | 96 |
| 6 | COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. Human Genomics, 2020, 14, . | 2.2 | 106 |
| 7 | Overview of PAX gene family: analysis of human tissue-specific variant expression and involvement in human disease. Human Genetics, 2020, 140, 381-400. | 1.8 | 53 |
| 8 | SLC39A8 gene encoding a metal ion transporter: discovery and bench to bedside. Human Genomics, 2019, 13, . | 2.2 | 120 |
| 9 | Update on the human and mouse lipocalin (LCN) gene family, including evidence the mouse Mup cluster is result of an “evolutionary bloom”. Human Genomics, 2019, 13, . | 2.2 | 76 |
| 10 | Cytochrome P450 1A1 (CYP1A1) protects against nonalcoholic fatty liver disease caused by Western diet containing benzo[a]pyrene in mice. Food and Chemical Toxicology, 2018, 113, 73-82. | 2.0 | 67 |
| 11 | Hepatic ZIP8 deficiency is associated with disrupted selenium homeostasis, liver pathology, and tumor formation. American Journal of Physiology - Renal Physiology, 2018, 315, G569-G579. | 1.8 | 33 |
| 12 | In utero gene expression in the Slc39a8(neo/neo) knockdown mouse. Scientific Reports, 2018, 8, . | 2.7 | 14 |
| 13 | Personalized medicine: Genetic risk prediction of drug response. , 2017, 175, 75-90. | | 72 |
| 14 | Aryl hydrocarbon receptor (AHR): “pioneer member” of the basic-helix/loop/helix per - Arnt - sim (bHLH/PAS) family of “sensors” of foreign and endogenous signals. Progress in Lipid Research, 2017, 67, 38-57. | 11.0 | 269 |
| 15 | Letter to the editor for “Update of the human and mouse Fanconi anemia genes”. Human Genomics, 2016, 10, . | 2.2 | 2 |
| 16 | Head-and-neck squamous cell carcinoma risk in smokers: no association detected between phenotype and AHR, CYP1A1, CYP1A2, or CYP1B1 genotype. Human Genomics, 2016, 10, . | 2.2 | 7 |
| 17 | Comparing Gene Expression during Cadmium Uptake and Distribution: Untreated versus Oral Cd-Treated Wild-Type and ZIP14 Knockout Mice. Toxicological Sciences, 2015, 143, 26-35. | 3.1 | 33 |
| 18 | Mice Deficient in the Gene for Cytochrome P450 (CYP)1A1 Are More Susceptible Than Wild-Type to Hyperoxic Lung Injury: Evidence for Protective Role of CYP1A1 Against Oxidative Stress. Toxicological Sciences, 2014, 141, 68-77. | 3.1 | 57 |

| # | Article | IF | Citations |
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| 19 | Oral Cadmium in Mice Carrying 5 Versus 2 Copies of the Slc39a8 Gene. International Journal of Toxicology, 2014, 33, 14-20. | 0.8 | 30 |
| 20 | Tissue-Specific Induction of Mouse ZIP8 and ZIP14 Divalent Cation/Bicarbonate Symporters by, and Cytokine Response to, Inflammatory Signals. International Journal of Toxicology, 2014, 33, 246-258. | 0.8 | 34 |
| 21 | Improved drug therapy: triangulating phenomics with genomics and metabolomics. Human Genomics, 2014, 8, . | 2.2 | 27 |
| 22 | Protective role of cytochrome P450 1A1 (CYP1A1) against benzo[a]pyrene-induced toxicity in mouse aorta. Toxicology, 2014, 316, 34-42. | 3.1 | 27 |
| 23 | Mitochondrial targeting of mouse NQO1 and CYP1B1 proteins. Biochemical and Biophysical Research Communications, 2013, 435, 727-732. | 1.5 | 29 |
| 24 | Human cytochromes P450 in health and disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120431. | 2.6 | 464 |
| 25 | Glutathione defense mechanism in liver injury: Insights from animal models. Food and Chemical Toxicology, 2013, 60, 38-44. | 2.0 | 228 |
| 26 | Genetic Risk Prediction: Individualized Variability in Susceptibility to Toxicants. Annual Review of Pharmacology and Toxicology, 2013, 53, 355-375. | 10.6 | 26 |
| 27 | Oral benzo[a]pyrene inCyp1a1/1b1(–/–) double-knockout mice: Microarray analysis during squamous cell carcinoma formation in preputial gland duct. International Journal of Cancer, 2013, 132, 2065-2075. | 2.8 | 11 |
| 28 | Oral Benzo[a]pyrene: Understanding Pharmacokinetics, Detoxication, and Consequences—Cyp1 Knockout Mouse Lines as a Paradigm. Molecular Pharmacology, 2013, 84, 304-313. | 2.4 | 131 |
| 29 | Update of the human and mouse SERPINgene superfamily. Human Genomics, 2013, 7, . | 2.2 | 274 |
| 30 | Bioactivation versus Detoxication of the Urothelial Carcinogen Aristolochic Acid I by Human Cytochrome P450 1A1 and 1A2. Toxicological Sciences, 2012, 125, 345-358. | 3.1 | 65 |
| 31 | ZIP14 and ZIP8 zinc/bicarbonate symporters in Xenopus oocytes: characterization of metal uptake and inhibition. Metallomics, 2012, 4, 1218. | 1.7 | 70 |
| 32 | Glutathione-Deficient Mice Are Susceptible to TCDD-Induced Hepatocellular Toxicity but Resistant to Steatosis. Chemical Research in Toxicology, 2012, 25, 94-100. | 2.7 | 27 |
| 33 | NAD(P)H:quinone oxidoreductase expression in Cyp1a-knockout and CYP1A-humanized mouse lines and its effect on bioactivation of the carcinogen aristolochic acid I. Toxicology and Applied Pharmacology, 2012, 265, 360-367. | 2.2 | 26 |
| 34 | Effect of chronic glutathione deficiency on the behavioral phenotype of Gclm(–/–) knockout mice. Neurotoxicology and Teratology, 2012, 34, 450-457. | 1.4 | 15 |
| 35 | Perceptions of genetic research in three rural Appalachian Ohio communities. Journal of Community Genetics, 2012, 4, 9-17. | 0.9 | 4 |
| 36 | ZIP8 Zinc Transporter: Indispensable Role for Both Multiple-Organ Organogenesis and Hematopoiesis In Utero. PLoS ONE, 2012, 7, e36055. | 1.5 | 101 |

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| 37 | Role of P450 1A1 and P450 1A2 in Bioactivation versus Detoxication of the Renal Carcinogen Aristolochic Acid I: Studies in Cyp1a1(−/−), Cyp1a2(−/−), and Cyp1a1/1a2(−/−) Mice. Chemical Research in Toxicology, 2011, 24, 1710-1719. | 2.7 | 42 |
| 38 | Generation of a Slc39a8 hypomorph mouse: Markedly decreased ZIP8 Zn2+/(HCO3-)2 transporter expression. Biochemical and Biophysical Research Communications, 2011, 410, 289-294. | 1.5 | 45 |
| 39 | Update on the aldehyde dehydrogenase gene (ALDH) superfamily. Human Genomics, 2011, 5, 283. | 2.2 | 336 |
| 40 | Update of the human secretoglobin (SCGB) gene superfamily and an example of 'evolutionary bloom' of androgen-binding protein genes within the mouse Scgb gene superfamily. Human Genomics, 2011, 5, 691. | 2.2 | 96 |
| 41 | Lipid metabolism and body composition in Gclm(−/−) mice. Toxicology and Applied Pharmacology, 2011, 257, 338-348. | 2.2 | 67 |
| 42 | Aryl hydrocarbon receptor ligand 2,3,7,8-tetrachlorodibenzo-p-dioxin enhances liver damage in bile duct-ligated mice. Toxicology, 2011, 280, 10-17. | 3.1 | 27 |
| 43 | Genetic Architecture of Susceptibility to PCB126-Induced Developmental Cardiotoxicity in Zebrafish. Toxicological Sciences, 2011, 122, 466-475. | 3.1 | 26 |
| 44 | In Utero and Lactational Exposure to a Complex Mixture of Polychlorinated Biphenyls: Toxicity in Pups Dependent on the Cyp1a2 and Ahr Genotypes. Toxicological Sciences, 2011, 119, 189-208. | 3.1 | 23 |
| 45 | In Utero and Lactational Exposure to PCBs in Mice: Adult Offspring Show Altered Learning and Memory Depending on Cyp1a2 and Ahr | 5.8 | 45 |
| 46 | Update of human and mouse matrix metalloproteinase families. Human Genomics, 2010, 4, . | 2.2 | 101 |
| 47 | Update of human and mouse forkhead box (FOX) gene families. Human Genomics, 2010, 4, . | 2.2 | 246 |
| 48 | Evolutionary divergence and functions of the human acyl-CoA thioesterase gene (ACOT) family. Human Genomics, 2010, 4, 411. | 2.2 | 88 |
| 49 | Analysis of humanCYP1A1andCYP1A2genes and their shared bidirectional promoter in eight world populations. Human Mutation, 2010, 31, 27-40. | 1.0 | 54 |
| 50 | Oral benzo[a]pyrene-induced cancer: Two distinct types in different target organs depend on the mouseCyp1genotype. International Journal of Cancer, 2010, 127, 2334-2350. | 2.8 | 49 |
| 51 | Inbreeding and epigenetics: beneficial as well as deleterious effects. Nature Reviews Genetics, 2010, 11, 662-662. | 30.1 | 11 |
| 52 | The Aryl Hydrocarbon Receptor Functions as a Tumor Suppressor of Liver Carcinogenesis. Cancer Research, 2010, 70, 212-220. | 2.6 | 169 |
| 53 | Organ-Specific Roles of CYP1A1 during Detoxication of Dietary Benzo[a]pyrene. Molecular Pharmacology, 2010, 78, 46-57. | 2.4 | 54 |
| 54 | Evolutionary divergence and functions of the human interleukin (IL) gene family. Human Genomics, 2010, 5, 30. | 2.2 | 312 |

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| 55 | Oral N-acetylcysteine rescues lethality of hepatocyte-specific Gclc-knockout mice, providing a model for hepatic cirrhosis. Journal of Hepatology, 2010, 53, 1085-1094. | 6.7 | 29 |
| 56 | Knock-In Mouse Lines Expressing either Mitochondrial or Microsomal CYP1A1: Differing Responses to Dietary Benzo[a]pyrene as Proof of Principle. Molecular Pharmacology, 2009, 75, 555-567. | 2.4 | 36 |
| 57 | Discovery of ZIP transporters that participate in cadmium damage to testis and kidney. Toxicology and Applied Pharmacology, 2009, 238, 250-257. | 2.2 | 130 |
| 58 | CYP1A1 and CYP1A2 expression: Comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines. Toxicology and Applied Pharmacology, 2009, 237, 119-126. | 2.2 | 30 |
| 59 | Early onset senescence occurs when fibroblasts lack the glutamate–cysteine ligase modifier subunit. Free Radical Biology and Medicine, 2009, 47, 410-418. | 2.6 | 27 |
| 60 | Human aldehyde dehydrogenase genes: alternatively spliced transcriptional variants and their suggested nomenclature. Pharmacogenetics and Genomics, 2009, 19, 893-902. | 0.9 | 63 |
| 61 | Analysis and update of the human solute carrier (SLC) gene superfamily. Human Genomics, 2009, 3, 195. | 2.2 | 329 |
| 62 | Evolutionary divergence and functions of the ADAM and ADAMTS gene families. Human Genomics, 2009, 4, 43. | 2.2 | 83 |
| 63 | From Human Genetics and Genomics to Pharmacogenetics and Pharmacogenomics: Past Lessons, Future Directions. Drug Metabolism Reviews, 2008, 40, 187-224. | 2.6 | 166 |
| 64 | Basal and inducible CYP1 mRNA quantitation and protein localization throughout the mouse gastrointestinal tract. Free Radical Biology and Medicine, 2008, 44, 570-583. | 2.6 | 66 |
| 65 | Cd2+ versus Zn2+ uptake by the ZIP8 HCO3–dependent symporter: Kinetics, electrogenicity and trafficking. Biochemical and Biophysical Research Communications, 2008, 365, 814-820. | 1.5 | 172 |
| 66 | Generation of a 'humanized' hCYP1A1_1A2_Cyp1a1/1a2(−/−)_Ahrd mouse line harboring the poor-affinity aryl hydrocarbon receptor. Biochemical and Biophysical Research Communications, 2008, 376, 775-780. | 1.5 | 18 |
| 67 | Endogenous Functions of the Aryl Hydrocarbon Receptor (AHR): Intersection of Cytochrome P450 1 (CYP1)-metabolized Eicosanoids and AHR Biology. Journal of Biological Chemistry, 2008, 283, 36061-36065. | 1.3 | 153 |
| 68 | Slc39a14 Gene Encodes ZIP14, A Metal/Bicarbonate Symporter: Similarities to the ZIP8 Transporter. Molecular Pharmacology, 2008, 73, 1413-1423. | 2.4 | 338 |
| 69 | Human ATP-binding cassette (ABC) transporter family. Human Genomics, 2008, 3, 281. | 2.2 | 685 |
| 70 | The Vascular System as a Target of Metal Toxicity. Toxicological Sciences, 2008, 102, 207-218. | 3.1 | 291 |
| 71 | Phenotype of the Cyp1a1/1a2/1b1(-/-) Triple-Knockout Mouse. Molecular Pharmacology, 2008, 73, 1844-1856. | 2.4 | 63 |
| 72 | Olfactory Receptor Gene Polymorphisms and Nonallergic Vasomotor Rhinitis. Journal of Asthma, 2008, 45, 287-292. | 1.1 | 13 |

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| 73 | Update on the olfactory receptor (OR) gene superfamily. Human Genomics, 2008, 3, 87. | 2.2 | 158 |
| 74 | 7H-dibenzo[c,g]carbazole metabolism by the mouse and human CYP1 family of enzymes. Carcinogenesis, 2007, 28, 1371-1378. | 2.2 | 18 |
| 75 | Generation of 'humanized' hCYP1A1_1A2_Cyp1a1/1a2(-/-) mouse line. Biochemical and Biophysical Research Communications, 2007, 359, 635-642. | 1.5 | 64 |
| 76 | Interaction between the catalytic and modifier subunits of glutamate-cysteine ligase. Biochemical Pharmacology, 2007, 74, 372-381. | 3.7 | 38 |
| 77 | Oral Benzo[a]pyrene in Cyp1 Knockout Mouse Lines: CYP1A1 Important in Detoxication, CYP1B1 Metabolism Required for Immune Damage Independent of Total-Body Burden and Clearance Rate. Molecular Pharmacology, 2006, 69, 1103-1114. | 2.4 | 220 |
| 78 | Comparison of mouse hepatic mitochondrial versus microsomal cytochromes P450 following TCDD treatment. Biochemical and Biophysical Research Communications, 2006, 342, 1375-1381. | 1.5 | 51 |
| 79 | Naphthalene toxicity in mice and aryl hydrocarbon receptor-mediated CYPs. Biochemical and Biophysical Research Communications, 2006, 348, 120-123. | 1.5 | 30 |
| 80 | The chemical defensome: Environmental sensing and response genes in the Strongylocentrotus purpuratus genome. Developmental Biology, 2006, 300, 366-384. | 1.3 | 264 |
| 81 | Update of the NAD(P)H:quinone oxidoreductase (NQO) gene family. Human Genomics, 2006, 2, 329. | 2.2 | 168 |
| 82 | Search for an association between the human CYP1A2 genotype and CYP1A2 metabolic phenotype. Pharmacogenetics and Genomics, 2006, 16, 359-367. | 0.9 | 82 |
| 83 | Statistical power of association using the extreme discordant phenotype design. Pharmacogenetics and Genomics, 2006, 16, 401-413. | 0.9 | 41 |
| 84 | The role of cytochrome P450 enzymes in endogenous signalling pathways and environmental carcinogenesis. Nature Reviews Cancer, 2006, 6, 947-960. | 34.5 | 890 |
| 85 | TCDD decreases ATP levels and increases reactive oxygen production through changes in mitochondrial F0F1-ATP synthase and ubiquinone. Toxicology and Applied Pharmacology, 2006, 217, 363-374. | 2.2 | 77 |
| 86 | Genetic Differences in Lethality of Newborn Mice Treated In Utero with Coplanar versus Non-Coplanar Hexabromobiphenyl. Toxicological Sciences, 2006, 89, 454-464. | 3.1 | 9 |
| 87 | Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP). Carcinogenesis, 2006, 28, 732-737. | 2.2 | 26 |
| 88 | Role of Protein Kinase C-mediated Protein Phosphorylation in Mitochondrial Translocation of Mouse CYP1A1, Which Contains a Non-canonical Targeting Signal. Journal of Biological Chemistry, 2006, 281, 30834-30847. | 1.3 | 29 |
| 89 | For Dioxin-induced Birth Defects, Mouse or Human CYP1A2 in Maternal Liver Protects whereas Mouse CYP1A1 and CYP1B1 Are Inconsequential. Journal of Biological Chemistry, 2006, 281, 18591-18600. | 1.3 | 53 |
| 90 | ZIP8, Member of the Solute-Carrier-39 (SLC39) Metal-Transporter Family: Characterization of Transporter Properties. Molecular Pharmacology, 2006, 70, 171-180. | 2.4 | 351 |

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| 91 | Analysis and update of the human aldehyde dehydrogenase (ALDH) gene family. Human Genomics, 2005, 2, . | 2.2 | 377 |
| 92 | Theophylline pharmacokinetics: comparison of Cyp1a1(−/−) and Cyp1a2(−/−) knockout mice, humanized hCYP1A1_1A2 knock-in mice lacking either the mouse Cyp1a1 or Cyp1a2 gene, and Cyp1(+/+) wild-type mice. Pharmacogenetics and Genomics, 2005, 15, 503-511. | 0.9 | 34 |
| 93 | Corrigendum to "Advances in pharmacogenomics and individualized drug therapy: exciting challenges that lie ahead" [Eur. J. Pharmacol. 500 (2004) 267–280]. European Journal of Pharmacology, 2005, 506, 297. | 3.2 | 0 |
| 94 | Inter-individual susceptibility to environmental toxicants—A current assessment. Toxicology and Applied Pharmacology, 2005, 207, 34-42. | 2.2 | 30 |
| 95 | Structural Gene Products of the Murine Ah Complex. FEBS Journal, 2005, 115, 585-594. | 0.2 | 1 |
| 96 | Role of host susceptibility to toxicity and cancer caused by pesticides: Cytochromes P450. Journal of Biochemical and Molecular Toxicology, 2005, 19, 184-186. | 2.2 | 3 |
| 97 | Toward the evaluation of function in genetic variability: Characterizing human SNP frequencies and establishing BAC-transgenic mice carrying the human CYP1A1_CYP1A2 locus. Human Mutation, 2005, 25, 196-206. | 1.0 | 79 |
| 98 | Glutamate Cysteine Ligase Catalysis. Journal of Biological Chemistry, 2005, 280, 33766-33774. | 1.3 | 229 |
| 99 | Glutathione Redox State Regulates Mitochondrial Reactive OxygenProduction. Journal of Biological Chemistry, 2005, 280, 25305-25312. | 1.3 | 132 |
| 100 | Identification of mouse SLC39A8 as the transporter responsible for cadmium-induced toxicity in the testis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3401-3406. | 5.2 | 303 |
| 101 | Differential Metabolism of 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in Mice Humanized forCYP1A1andCYP1A2. Chemical Research in Toxicology, 2005, 18, 1471-1478. | 2.7 | 97 |
| 102 | Uroporphyria and hepatic carcinogenesis induced by polychlorinated biphenyls–iron interaction: Absence in the Cyp1a2(−/−) knockout mouse. Biochemical and Biophysical Research Communications, 2005, 331, 147-152. | 1.5 | 13 |
| 103 | Nomenclature update for the mammalian UDP glycosyltransferase (UGT) gene superfamily. Pharmacogenetics and Genomics, 2005, 15, 677-685. | 0.9 | 755 |
| 104 | Conflicts of Interests: Declarations for All. Environmental Health Perspectives, 2004, 112, . | 5.8 | 2 |
| 105 | Cyp1a1(−/−) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyria. Toxicology and Applied Pharmacology, 2004, 196, 410-421. | 2.2 | 112 |
| 106 | Advances in pharmacogenomics and individualized drug therapy: exciting challenges that lie ahead. European Journal of Pharmacology, 2004, 500, 267-280. | 3.2 | 72 |
| 107 | CYP1A2 protects against reactive oxygen production in mouse liver microsomes. Free Radical Biology and Medicine, 2004, 36, 605-617. | 2.6 | 52 |
| 108 | Uncoupling-mediated generation of reactive oxygen by halogenated aromatic hydrocarbons in mouse liver microsomes. Free Radical Biology and Medicine, 2004, 36, 618-631. | 2.6 | 51 |

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| 109 | Genetically altered mice to evaluate glutathione homeostasis in health and disease. Free Radical Biology and Medicine, 2004, 37, 1511-1526. | 2.6 | 264 |
| 110 | Oral Exposure to Benzo[a]pyrene in the Mouse: Detoxication by Inducible Cytochrome P450 Is More Important Than Metabolic Activation. Molecular Pharmacology, 2004, 65, 1225-1237. | 2.4 | 298 |
| 111 | Role of Cytochrome P4501 Family Members in the Metabolic Activation of Polycyclic Aromatic Hydrocarbons in Mouse Epidermis. Chemical Research in Toxicology, 2004, 17, 1667-1674. | 2.7 | 73 |
| 112 | Role of Aryl Hydrocarbon Receptor-mediated Induction of the CYP1 Enzymes in Environmental Toxicity and Cancer. Journal of Biological Chemistry, 2004, 279, 23847-23850. | 1.3 | 1,087 |
| 113 | Comparison of cytochrome P450 (CYP) genes from the mouse and human genomes, including nomenclature recommendations for genes, pseudogenes and alternative-splice variants. Pharmacogenetics and Genomics, 2004, 14, 1-18. | 6.7 | 920 |
| 114 | Analysis of the glutathione S-transferase (GST) gene family. Human Genomics, 2004, 1, 460. | 2.2 | 354 |
| 115 | The truth about mouse, human, worms and yeast. Human Genomics, 2004, 1, 146. | 2.2 | 3 |
| 116 | Update on genome completion and annotations: Protein Information Resource. Human Genomics, 2004, 1, 229. | 2.2 | 25 |
| 117 | Cyclophilin nomenclature problems, or, 'a visit from the sequence police'. Human Genomics, 2004, 1, 381. | 2.2 | 6 |
| 118 | Pharmacological rescue of the 14CoS/14CoS mouse: hepatocyte apoptosis is likely caused by endogenous oxidative stress. Free Radical Biology and Medicine, 2003, 35, 351-367. | 2.6 | 28 |
| 119 | Uroporphyrin accumulation in hepatoma cells expressing human or mouse CYP1A2: relation to the role of CYP1A2 in human porphyria cutanea tarda. Biochemical Pharmacology, 2003, 65, 545-550. | 3.7 | 13 |
| 120 | Balancer-Cre transgenic mouse germ cells direct the incomplete resolution of a tri-loxP-targeted Cyp1a1 allele, producing a conditional knockout allele. Biochemical and Biophysical Research Communications, 2003, 312, 494-499. | 1.5 | 6 |
| 121 | 4-Aminobiphenyl-Induced Liver and Urinary Bladder DNA Adduct Formation in Cyp1a2(-/-) and Cyp1a2(+/+) Mice. Journal of the National Cancer Institute, 2003, 95, 1227-1237. | 3.2 | 62 |
| 122 | Update on human genome completion and annotations: Gene nomenclature. Human Genomics, 2003, 1, 66. | 2.2 | 11 |
| 123 | Reply to Kalow et al. Pharmacogenomics Journal, 2002, 1, 235-236. | 1.4 | 1 |
| 124 | Initial Characterization of the Glutamate-Cysteine Ligase Modifier Subunit Gclm(−/−) Knockout Mouse. Journal of Biological Chemistry, 2002, 277, 49446-49452. | 1.3 | 261 |
| 125 | A novel allele in the promoter of the hepatic lipase is associated with increased concentration of HDL-C and decreased promoter activity. Journal of Lipid Research, 2002, 43, 1595-1601. | 2.7 | 16 |
| 126 | NAD(P)H:quinone oxidoreductase (NQO1) polymorphism, exposure to benzene, and predisposition to disease: A HuGE review. Genetics in Medicine, 2002, 4, 62-70. | 3.3 | 179 |

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| 127 | Clinical importance of the cytochromes P450. Lancet, The, 2002, 360, 1155-1162. | 46.9 | 1,314 |
| 128 | Single-nucleotide polymorphisms in the lipoprotein lipase gene associated with coronary heart disease in Chinese. European Journal of Pharmacology, 2002, 454, 9-18. | 3.2 | 6 |
| 129 | Glutamate–cysteine ligase modifier subunit: mouse Gclm gene structure and regulation by agents that cause oxidative stress. Biochemical Pharmacology, 2002, 63, 1739-1754. | 3.7 | 108 |
| 130 | Mitochondrial reactive oxygen production is dependent on the aromatic hydrocarbon receptor. Free Radical Biology and Medicine, 2002, 33, 1268-1278. | 2.6 | 147 |
| 131 | Transcription factors and cancer: an overview. Toxicology, 2002, 181-182, 131-141. | 3.1 | 78 |
| 132 | Dioxin Increases Reactive Oxygen Production in Mouse Liver Mitochondria. Toxicology and Applied Pharmacology, 2002, 178, 15-21. | 2.2 | 114 |
| 133 | Retrovirally Expressed Metal Response Element-Binding Transcription Factor-1 Normalizes Metallothionein-1 Gene Expression and Protects Cells against Zinc, but Not Cadmium, Toxicity. Toxicology and Applied Pharmacology, 2002, 178, 93-101. | 2.2 | 16 |
| 134 | Decrease in 4-Aminobiphenyl-Induced Methemoglobinemia in Cyp1a2(−/−) Knockout Mice. Toxicology and Applied Pharmacology, 2002, 181, 32-37. | 2.2 | 26 |
| 135 | Benzo[a]pyrene-Induced Toxicity: Paradoxical Protection in Cyp1a1(−/−) Knockout Mice Having Increased Hepatic BaP–DNA Adduct Levels. Biochemical and Biophysical Research Communications, 2001, 289, 1049-1056. | 1.5 | 109 |
| 136 | Ethnic and genetic differences in metabolism genes and risk of toxicity and cancer. Science of the Total Environment, 2001, 274, 93-102. | 5.6 | 29 |
| 137 | Protection of the Cyp1a2(−/−) Null Mouse against Uroporphyria and Hepatic Injury Following Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. Toxicology and Applied Pharmacology, 2001, 173, 89-98. | 2.2 | 91 |
| 138 | Dioxin Exposure Is an Environmental Risk Factor for Ischemic Heart Disease. Cardiovascular Toxicology, 2001, 1, 285-298. | 1.8 | 117 |
| 139 | Tyrphostin AG879, a tyrosine kinase inhibitor: prevention of transcriptional activation of the electrophile and the aromatic hydrocarbon response elements11Abbreviations: EPRE, electrophile response element; AHRE, aromatic hydrocarbon response element; MRE, metal response element; Nqo1 and NQO1, mouse NAD(P)H:quinone oxidoreductase [also called NMO1, quinone reductase, DT-diaphorase] gene and mRNA; Cyp1a1 and CYP1A1, mouse cytochrome P450 1A1 gene and mRNA; Mt1 and MT1, mouse metallothionein-1 gene and mRNA. Biochemical Pharmacology, 2001, 61, 215-225. | 3.7 | 24 |
| 140 | Role of cytochrome P450 1A2 in bilirubin degradation Studies in Cyp1a2 (−/−) mutant mice. Biochemical Pharmacology, 2001, 61, 843-849. | 3.7 | 36 |
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| 143 | Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines. Biochemical Pharmacology, 2000, 59, 703-712. | 3.7 | 9 |
| 144 | Extreme discordant phenotype methodology: an intuitive approach to clinical pharmacogenetics. European Journal of Pharmacology, 2000, 410, 107-120. | 3.2 | 107 |

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| 146 | Xenobiotic-metabolizing Cytochromes P450 Convert Prostaglandin Endoperoxide to Hydroxyheptadecatrienoic Acid and the Mutagen, Malondialdehyde. Journal of Biological Chemistry, 2000, 275, 11784-11790. | 1.3 | 72 |
| 147 | Drug-Metabolizing Enzymes, Polymorphisms and Interindividual Response to Environmental Toxicants. Clinical Chemistry and Laboratory Medicine, 2000, 38, . | 2.0 | 40 |
| 148 | Activation of Transcription Factors in Zebrafish Cell Cultures by Environmental Pollutants. Archives of Biochemistry and Biophysics, 2000, 376, 320-327. | 2.2 | 45 |
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