

Eva Anzenbacherová

List of Publications by Year in descending order

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29
papers

796
citations

840776

11
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

1327
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Rapid Determination of Metronidazole and 2-Hydroxymetronidazole in Murine Blood Plasma. <i>Journal of Chromatographic Science</i> , 2022, 60, 81-87. | 1.4 | 7 |
| 2 | The role of cytochromes P450 in the metabolism of selected antidepressants and anxiolytics under psychological stress. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2022, 166, 140-149. | 0.6 | 7 |
| 3 | Butyrate, a typical product of gut microbiome, affects function of the AhR gene, being a possible agent of crosstalk between gut microbiome, and hepatic drug metabolism. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109042. | 4.2 | 14 |
| 4 | Gut microbiome affects the metabolism of metronidazole in mice through regulation of hepatic cytochromes P450 expression. <i>PLoS ONE</i> , 2021, 16, e0259643. | 2.5 | 8 |
| 5 | Metabolite profiling of natural substances in human: in vitro study from fecal bacteria to colon carcinoma cells (Caco-2). <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108482. | 4.2 | 4 |
| 6 | Gut Microbiome Alters the Activity of Liver Cytochromes P450 in Mice With Sex-Dependent Differences. <i>Frontiers in Pharmacology</i> , 2020, 11, 01303. | 3.5 | 14 |
| 7 | The role of the microbiome and psychosocial stress in the expression and activity of drug metabolizing enzymes in mice. <i>Scientific Reports</i> , 2020, 10, 8529. | 3.3 | 11 |
| 8 | Effect of bilberry extract (<i>Vaccinium myrtillus</i> L.) on drug-metabolizing enzymes in rats. <i>Food and Chemical Toxicology</i> , 2019, 129, 382-390. | 3.6 | 8 |
| 9 | Gut microbiota metabolizes nabumetone <i>in vitro</i> : Consequences for its bioavailability <i>in vivo</i> in the rodents with altered gut microbiome. <i>Xenobiotica</i> , 2019, 49, 1296-1302. | 1.1 | 13 |
| 10 | Isothiocyanate from Broccoli, Sulforaphane, and Its Properties. <i>Journal of Medicinal Food</i> , 2019, 22, 121-126. | 1.5 | 181 |
| 11 | In vivo evaluation of effect of anthocyanin-rich wheat on rat liver microsomal drug-metabolizing cytochromes P450 and on biochemical and antioxidant parameters in rats. <i>Food and Chemical Toxicology</i> , 2018, 122, 225-233. | 3.6 | 14 |
| 12 | Effect of <i>Lactobacillus casei</i> on the Pharmacokinetics of Amiodarone in Male Wistar Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 29-36. | 1.6 | 13 |
| 13 | Modulation of xenobiotic conjugation enzymes by dihydromyricetin in rats. <i>Monatshefte für Chemie</i> , 2017, 148, 2003-2009. | 1.8 | 1 |
| 14 | Effects of obesity on liver cytochromes P450 in various animal models. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2017, 161, 144-151. | 0.6 | 20 |
| 15 | Influence of Sulforaphane Metabolites on Activities of Human Drug-Metabolizing Cytochrome P450 and Determination of Sulforaphane in Human Liver Cells. <i>Journal of Medicinal Food</i> , 2016, 19, 1141-1146. | 1.5 | 11 |
| 16 | Evaluation of possible inhibition of human liver drug metabolizing cytochromes P450 by two new acetylcholinesterase oxime-type reactivators. <i>Food and Chemical Toxicology</i> , 2016, 88, 100-104. | 3.6 | 6 |
| 17 | Human gut microbiota plays a role in the metabolism of drugs. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 317-326. | 0.6 | 58 |
| 18 | Altered cytochrome P450 activities and expression levels in the liver and intestines of the monosodium glutamate-induced mouse model of human obesity. <i>Life Sciences</i> , 2015, 133, 15-20. | 4.3 | 21 |

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|----|---|-----|-----------|
| 19 | Interaction of rocuronium with human liver cytochromes P450. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 190-195. | 2.5 | 7 |
| 20 | Interaction of selected platinum(II) complexes containing roscovitine-based CDK inhibitors as ligands with human liver microsomal cytochrome P450. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 382-387. | 0.6 | 2 |
| 21 | Acyclic nucleoside phosphonates: a study on cytochrome P450 gene expression. <i>Xenobiotica</i> , 2014, 44, 708-715. | 1.1 | 1 |
| 22 | Administration of a Probiotic Can Change Drug Pharmacokinetics: Effect of <i>E. coli</i> Nissle 1917 on Amidarone Absorption in Rats. <i>PLoS ONE</i> , 2014, 9, e87150. | 2.5 | 72 |
| 23 | Effect of acetylcholinesterase oxime-type reactivators K-48 and HI-6 on human liver microsomal cytochromes P450 invitro. <i>Chemico-Biological Interactions</i> , 2009, 180, 449-453. | 4.0 | 6 |
| 24 | Model Systems Based on Experimental Animals for Studies on Drug Metabolism in Man: (Mini)Pig Cytochromes P450 3A29 and 2E1. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 244-245. | 2.5 | 30 |
| 25 | Active sites of two orthologous cytochromes P450 2E1: Differences revealed by spectroscopic methods. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 477-482. | 2.1 | 15 |
| 26 | Interaction of aromatic cytokinins with human liver microsomal cytochromes P450. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 349-51. | 0.6 | 0 |
| 27 | Comparison of "high throughput" micromethods for determination of cytochrome P450 activities with classical methods using HPLC for product identification. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 353-5. | 0.6 | 0 |
| 28 | Minipig as a model for drug metabolism in man: comparison of in vitro and in vivo metabolism of propafenone. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2003, 147, 155-9. | 0.6 | 8 |
| 29 | Cytochromes P450 and experimental models of drug metabolism. <i>Journal of Cellular and Molecular Medicine</i> , 2002, 6, 189-198. | 3.6 | 244 |