

Markku Pasanen

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

638
citations

471509

17
h-index

610901

24
g-index

39
all docs

39
docs citations

39
times ranked

932
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Aflatoxin B1 " a potential endocrine disruptor " up-regulates CYP19A1 in JEG-3 cells. <i>Toxicology Letters</i> , 2011, 202, 161-167. | 0.8 | 50 |
| 2 | Xenobiotic and steroid-metabolizing monooxygenases catalysed by cytochrome P450 and glutathione S-transferase conjugations in the human placenta and their relationships to maternal cigarette smoking. <i>Placenta</i> , 1990, 11, 75-85. | 1.5 | 46 |
| 3 | The association between gestational diabetes mellitus and postpartum depressive symptomatology: A prospective cohort study. <i>Journal of Affective Disorders</i> , 2018, 241, 263-268. | 4.1 | 37 |
| 4 | Structure-Activity Relationship Analysis of 3-Phenylcoumarin-Based Monoamine Oxidase B Inhibitors. <i>Frontiers in Chemistry</i> , 2018, 6, 41. | 3.6 | 36 |
| 5 | The human placental proteome is affected by maternal smoking. <i>Reproductive Toxicology</i> , 2016, 63, 22-31. | 2.9 | 31 |
| 6 | Critical analysis of carcinogenicity study outcomes. Relationship with pharmacological properties. <i>Critical Reviews in Toxicology</i> , 2016, 46, 587-614. | 3.9 | 30 |
| 7 | Species-Specific Differences in the <i>in Vitro</i> Metabolism of Lasiocarpine. <i>Chemical Research in Toxicology</i> , 2015, 28, 2034-2044. | 3.3 | 26 |
| 8 | Blocking oestradiol synthesis pathways with potent and selective coumarin derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 743-754. | 5.2 | 25 |
| 9 | The dynamic course of peripartum depression across pregnancy and childbirth. <i>Journal of Psychiatric Research</i> , 2019, 113, 72-78. | 3.1 | 25 |
| 10 | Chloropicrin-induced toxic responses in human lung epithelial cells. <i>Toxicology Letters</i> , 2014, 226, 236-244. | 0.8 | 23 |
| 11 | <i>In Silico</i> Prediction of the Site of Oxidation by Cytochrome P450 3A4 That Leads to the Formation of the Toxic Metabolites of Pyrrolizidine Alkaloids. <i>Chemical Research in Toxicology</i> , 2015, 28, 702-710. | 3.3 | 23 |
| 12 | Comparison of in vitro metabolism and cytotoxicity of capsaicin and dihydrocapsaicin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 17-24. | 2.3 | 23 |
| 13 | Recommendations from a global cross-company data sharing initiative on the incorporation of recovery phase animals in safety assessment studies to support first-in-human clinical trials. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 413-429. | 2.7 | 22 |
| 14 | The unique characteristics of the placental transcriptome and the hormonal metabolism enzymes in placenta. <i>Reproductive Toxicology</i> , 2014, 47, 9-14. | 2.9 | 21 |
| 15 | Oligonucleotide-based pharmaceuticals: Non-clinical and clinical safety signals and non-clinical testing strategies. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 90, 328-341. | 2.7 | 20 |
| 16 | d-Isomer of gly-tyr-pro-cys-pro-his-pro peptide: A novel and sensitive in vitro trapping agent to detect reactive metabolites by electrospray mass spectrometry. <i>Toxicology in Vitro</i> , 2011, 25, 411-425. | 2.4 | 18 |
| 17 | Triethylenetetramine modulates polyamine and energy metabolism and inhibits cancer cell proliferation. <i>Biochemical Journal</i> , 2016, 473, 1433-1441. | 3.7 | 18 |
| 18 | Laparoscopic Roux-en-Y gastric bypass surgery influenced pharmacokinetics of several drugs given as a cocktail with the highest impact observed for CYP1A2, CYP2C8 and CYP2E1 substrates. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 123-132. | 2.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Cytotoxicity of Oxycodone and Morphine in Human Neuroblastoma and Mouse Motoneuronal Cells: A Comparative Approach. <i>Drugs in R and D</i> , 2016, 16, 155-163. | 2.2 | 16 |
| 20 | A liquid chromatography-tandem mass spectrometry analysis of nine cytochrome P450 probe drugs and their corresponding metabolites in human serum and urine. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 251-268. | 3.7 | 16 |
| 21 | Environmental Intolerance, Symptoms and Disability Among Fertile-Aged Women. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 293. | 2.6 | 15 |
| 22 | Inhibitory effects and oxidation of 6-methylcoumarin, 7-methylcoumarin and 7-formylcoumarin via human CYP2A6 and its mouse and pig orthologous enzymes. <i>Xenobiotica</i> , 2016, 46, 14-24. | 1.1 | 14 |
| 23 | Zearalenone metabolism in human placental subcellular organelles, JEG - 3 cells, and recombinant CYP19A1. <i>Placenta</i> , 2015, 36, 1052-1055. | 1.5 | 13 |
| 24 | Kuopio birth cohort " design of a Finnish joint research effort for identification of environmental and lifestyle risk factors for the wellbeing of the mother and the newborn child. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 381. | 2.4 | 13 |
| 25 | Peroxisome proliferator activated receptor gamma (PPAR- γ) ligand pioglitazone regulated gene networks in term human primary trophoblast cells. <i>Reproductive Toxicology</i> , 2018, 81, 99-107. | 2.9 | 11 |
| 26 | In Vitro Human Metabolism and Inhibition Potency of Verbascoside for CYP Enzymes. <i>Molecules</i> , 2019, 24, 2191. | 3.8 | 10 |
| 27 | Caffeine content in newborn hair correlates with maternal dietary intake. <i>European Journal of Nutrition</i> , 2021, 60, 193-201. | 3.9 | 9 |
| 28 | Applying human and pig hepatic <i>in vitro</i> experiments for sulfur mustard study: Screening and identification of metabolites by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1279-1287. | 1.5 | 7 |
| 29 | 2-Deoxyguanosine as a surrogate trapping agent for DNA reactive drug metabolites. <i>Toxicology Letters</i> , 2011, 207, 34-41. | 0.8 | 5 |
| 30 | Comparison of trapping profiles between d-peptides and glutathione in the identification of reactive metabolites. <i>Toxicology Reports</i> , 2015, 2, 1024-1032. | 3.3 | 4 |
| 31 | Molecular targets of chloropicrin in human airway epithelial cells. <i>Toxicology in Vitro</i> , 2017, 42, 247-254. | 2.4 | 4 |
| 32 | Aryl hydrocarbon receptor (AhR) agonist β -naphthoflavone regulated gene networks in human primary trophoblasts. <i>Reproductive Toxicology</i> , 2020, 96, 370-379. | 2.9 | 3 |
| 33 | Analysis of nitromethane from samples exposed <i>in vitro</i> to chloropicrin by stable isotope dilution headspace gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 3383-3389. | 2.5 | 2 |
| 34 | New glutathione conjugate of pyrrolizidine alkaloids produced by human cytosolic enzyme-dependent reactions <i>in vitro</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1344-1352. | 1.5 | 2 |
| 35 | The impact of postpartum depressive symptoms on self-reported infant health and analgesic consumption at the age of 12 months: A prospective cohort study. <i>Journal of Psychiatric Research</i> , 2021, 136, 388-397. | 3.1 | 2 |
| 36 | Biomarkers of Toxicity in Human Placenta. , 2019, , 303-339. | | 1 |

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|----|--|-----|-----------|
| 37 | Author's Reply to Parsons: "Cytotoxicity of Oxycodone and Morphine in Human Neuroblastoma and Mouse Motoneuronal Cells: A Comparative Approach" Drugs in R and D, 2016, 16, 287-288. | 2.2 | 0 |
| 38 | Aflatoxin B1 targeted gene expression profiles in human placental primary trophoblast cells. Current Research in Toxicology, 2022, , 100082. | 2.7 | 0 |