

Franciszek K GÅ,Ã³wka

List of Publications by Year in descending order

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79
papers

1,128
citations

394286

19
h-index

526166

27
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80
all docs

80
docs citations

80
times ranked

1315
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Pharmacokinetics of Clopidogrel and Its Metabolites in Patients with Cardiovascular Diseases. <i>Clinical Pharmacokinetics</i> , 2014, 53, 155-164.	1.6	80
2	HPLC-MS/MS method for the simultaneous determination of clopidogrel, its carboxylic acid metabolite and derivatized isomers of thiol metabolite in clinical samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 105-112.	1.2	47
3	High performance capillary electrophoresis method for determination of ibuprofen enantiomers in human serum and urine. <i>Analytica Chimica Acta</i> , 2005, 540, 95-102.	2.6	41
4	Genetic and non-genetic factors affecting the response to clopidogrel therapy. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 663-683.	0.9	38
5	Assessment of the Risk of Rhabdomyolysis and Myopathy During Concomitant Treatment with Ticagrelor and Statins. <i>Drugs</i> , 2018, 78, 1105-1112.	4.9	30
6	Enantioselective CE method for pharmacokinetic studies on ibuprofen and its chiral metabolites with reference to genetic polymorphism. <i>Electrophoresis</i> , 2007, 28, 2726-2737.	1.3	29
7	High-dose treosulfan in conditioning prior to hematopoietic stem cell transplantation. <i>Expert Opinion on Investigational Drugs</i> , 2010, 19, 1275-1295.	1.9	27
8	Pharmacokinetics of treosulfan and its active monoepoxide in pediatric patients after intravenous infusion of high-dose treosulfan prior to HSCT. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 68, 87-93.	1.9	27
9	High performance capillary electrophoresis for determination of the enantiomers of 2-arylpropionic acid derivatives in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 807-816.	1.4	26
10	Pharmacokinetic Drug-Drug Interactions among Antiepileptic Drugs, Including CBD, Drugs Used to Treat COVID-19 and Nutrients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9582.	1.8	26
11	Metabolic Characteristics of Hashimoto's Thyroiditis Patients and the Role of Microelements and Diet in the Disease Management—An Overview. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6580.	1.8	26
12	Ticagrelor in modern cardiology - an up-to-date review of most important aspects of ticagrelor pharmacotherapy. <i>Expert Opinion on Pharmacotherapy</i> , 2018, 19, 103-112.	0.9	25
13	Increased cortisol metabolism in women with pregnancy-related hypertension. <i>Endocrine</i> , 2018, 61, 125-133.	1.1	23
14	New Methods Used in Pharmacokinetics and Therapeutic Monitoring of the First and Newer Generations of Antiepileptic Drugs (AEDs). <i>Molecules</i> , 2020, 25, 5083.	1.7	23
15	Glucocorticoid Metabolism in Hypertensive Disorders of Pregnancy: Analysis of Plasma and Urinary Cortisol and Cortisone. <i>PLoS ONE</i> , 2015, 10, e0144343.	1.1	22
16	HPLC method for determination of biologically active epoxy-transformers of treosulfan in human plasma: Pharmacokinetic application. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 62, 105-113.	1.4	21
17	The influence of genetic polymorphism of Cyp2c19 isoenzyme on the pharmacokinetics of clopidogrel and its metabolites in patients with cardiovascular diseases. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 874-880.	1.0	21
18	Impact of CYP3A4*1G Allele on Clinical Pharmacokinetics and Pharmacodynamics of Clopidogrel. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 99-107.	0.6	21

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19	Influence of genetic co-factors on the population pharmacokinetic model for clopidogrel and its active thiol metabolite. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 1623-1632.	0.8	21
20	Activation of Prodrug Treosulfan at pH 7.4 and 37°C Accompanied by Hydrolysis of Its Active Epoxides: Kinetic Studies with Clinical Relevance. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 4433-4442.	1.6	20
21	HSD11B2, RUNX3, and LINE-1 Methylation in Placental DNA of Hypertensive Disorders of Pregnancy Patients. <i>Reproductive Sciences</i> , 2017, 24, 1520-1531.	1.1	20
22	The Overview on the Pharmacokinetic and Pharmacodynamic Interactions of Triazoles. <i>Pharmaceutics</i> , 2021, 13, 1961.	2.0	20
23	HPLC method for determination of fluorescence derivatives of cortisol, cortisone and their tetrahydro- and allo-tetrahydro-metabolites in biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 283-289.	1.2	19
24	Determination of ketoprofen enantiomers in human serum by capillary zone electrophoresis: man pharmacokinetic studies after administration of rac-ketoprofen tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1035-1045.	1.4	18
25	Determination of roxithromycin in human plasma by HPLC with fluorescence and UV absorbance detection: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 669-673.	1.2	18
26	Measurement of plasma 25-hydroxyvitamin D2, 25-hydroxyvitamin D3 and 3-epi-25-hydroxyvitamin D3 in population of patients with cardiovascular disease by UPLC-MS/MS method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1159, 122350.	1.2	17
27	Vitamin D Receptor Gene Polymorphism and Vitamin D Status in Population of Patients with Cardiovascular Disease – A Preliminary Study. <i>Nutrients</i> , 2021, 13, 3117.	1.7	17
28	RP-HPLC method with fluorescence detection for determination of small quantities of triamcinolone in plasma in presence of endogenous steroids after derivatization with 9-anthroyl nitrile; pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 839, 54-61.	1.2	16
29	Determination of partition coefficients n-octanol/water for treosulfan and its epoxy-transformers: An example of a negative correlation between lipophilicity of unionized compounds and their retention in reversed-phase chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 923-924, 92-97.	1.2	16
30	Detailed analysis of cortisol, cortisone and their tetrahydro- and allo-tetrahydro-metabolites in human urine by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 174-181.	1.4	16
31	Treosulfan Pharmacokinetics and its Variability in Pediatric and Adult Patients Undergoing Conditioning Prior to Hematopoietic Stem Cell Transplantation: Current State of the Art, In-Depth Analysis, and Perspectives. <i>Clinical Pharmacokinetics</i> , 2018, 57, 1255-1265.	1.6	16
32	Resolution of indobufen enantiomers by capillary zone electrophoresis Pharmacokinetic studies of human serum. <i>Journal of Chromatography A</i> , 2004, 1032, 219-225.	1.8	15
33	Determination of treosulfan in plasma and urine by HPLC with refractometric detection; pharmacokinetic studies in children undergoing myeloablative treatment prior to haematopoietic stem cell transplantation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 569-574.	1.2	15
34	Kinetic and Mechanistic Study of the pH-Dependent Activation (Epoxidation) of Prodrug Treosulfan Including the Reaction Inhibition in a Borate Buffer. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1917-1922.	1.6	15
35	Population pharmacokinetics of treosulfan and development of a limited sampling strategy in children prior to hematopoietic stem cell transplantation. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 79-89.	0.8	15
36	Pharmacokinetic Interaction between Sorafenib and Atorvastatin, and Sorafenib and Metformin in Rats. <i>Pharmaceutics</i> , 2020, 12, 600.	2.0	14

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37	Capillary Zone Electrophoresis method for determination of (+)-S clopidogrel carboxylic acid metabolite in human plasma and urine designed for biopharmaceutic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1013-1018.	1.2	13
38	Development of an LC-MS/MS method for simultaneous determination of ticagrelor and its active metabolite during concomitant treatment with atorvastatin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1105, 113-119.	1.2	13
39	Direct high-performance liquid chromatography method with refractometric detection designed for stability studies of treosulfan and its biologically active epoxy-transformers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 145-149.	1.4	12
40	LC procedure with SPE for quantification of indobufen enantiomers: pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 93-100.	1.4	11
41	Rapid and sensitive liquid chromatography-tandem mass spectrometry method for determination of protein-free pro-drug treosulfan and its biologically active monoepoxy-transformer in plasma and brain tissue. <i>Talanta</i> , 2014, 127, 123-132.	2.9	11
42	Formation Rate-Limited Pharmacokinetics of Biologically Active Epoxy Transformers of Prodrug Treosulfan. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1790-1797.	1.6	11
43	Serum endocan concentration and its correlation with severity of hypertensive disorders in pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 2313-2319.	0.7	11
44	Determination of total and free voriconazole in human plasma: Application to pharmacokinetic study and therapeutic monitoring. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112952.	1.4	11
45	Stereoselective pharmacokinetics of indobufen from tablets and intramuscular injections in man. , 2000, 12, 38-42.		10
46	Penetration of Treosulfan and its Active Monoepoxide Transformation Product into Central Nervous System of Juvenile and Young Adult Rats. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1946-1954.	1.7	10
47	11 β -Hydroxysteroid Dehydrogenase 2 in Preeclampsia. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-9.	0.6	10
48	Determinants of high on-treatment platelet reactivity and agreement between VerifyNow and Multiplate assays. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 190-198.	0.6	10
49	Disposition of treosulfan and its active monoepoxide in a bone marrow, liver, lungs, brain, and muscle: Studies in a rat model with clinical relevance. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 616-623.	1.9	10
50	Modulatory effect of chiral nonsteroidal anti-inflammatory drugs on apoptosis of human neutrophils. <i>Chirality</i> , 2008, 20, 159-165.	1.3	9
51	Clinical pharmacokinetics of ketoprofen enantiomers in wild type of Cyp 2c8 and Cyp 2c9 patients with rheumatoid arthritis. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2011, 36, 167-173.	0.6	9
52	Determination of prodrug treosulfan and its biologically active monoepoxide in rat plasma, liver, lungs, kidneys, muscle, and brain by HPLC-ESI-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 122-129.	1.4	8
53	CE Determination of Ketoprofen Enantiomers in Clinical Samples of Plasma, Synovial Fluid and Urine. <i>Chromatographia</i> , 2008, 67, 97-105.	0.7	7
54	Effect of Temperature on the Kinetics of the Activation of Treosulfan and Hydrolytic Decomposition of Its Active Epoxy Derivatives. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3156-3160.	1.6	7

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55	In Vivo Red Blood Cells/Plasma Partition Coefficient of Treosulfan and Its Active Monoepoxide in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 565-571.	0.6	7
56	Protein binding of indobufen enantiomers: Pharmacokinetics of free fraction? studies after single or multiple doses of rac-indobufen. <i>Chirality</i> , 2002, 14, 736-741.	1.3	6
57	Bupivacaine administered intrathecally versus rectally in the management of intractable rectal cancer pain in palliative care. <i>OncoTargets and Therapy</i> , 2014, 7, 1541.	1.0	6
58	Kinetics of <i>in Vitro</i> Guanine-N ⁷ -Alkylation in Calf Thymus DNA by (2 <i>S</i> ,3 <i>S</i>)-1,2-Epoxybutane-3,4-diol 4-methanesulfonate and (2 <i>S</i> ,3 <i>S</i>)-1,2:3,4-Diepoxybutane: Revision of the Mechanism of DNA Cross-Linking by the Prodrug Treosulfan. <i>Molecular Pharmaceutics</i> , 2019, 16, 2708-2718.	2.3	6
59	Cortisol metabolism in pregnancies with small for gestational age neonates. <i>Scientific Reports</i> , 2019, 9, 17890.	1.6	6
60	Relationship between exposure to treosulfan and its monoepoxytransformer " An insight from population pharmacokinetic study in pediatric patients before hematopoietic stem cell transplantation. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 1-9.	1.9	5
61	High-performance liquid chromatography methods for the analysis of endogenous cortisol and cortisone in human urine: comparison of mass spectrometry and fluorescence detection. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 82-89.	0.8	5
62	Influence of statin treatment on pharmacokinetics and pharmacodynamics of clopidogrel and its metabolites in patients after coronary angiography/angioplasty. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108991.	2.5	5
63	HPLC Analysis of the Urinary Iodine Concentration in Pregnant Women. <i>Molecules</i> , 2021, 26, 6797.	1.7	5
64	Ocular disposition of treosulfan and its active epoxy-transformers following intravenous administration in rabbits. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 356-362.	1.1	4
65	N-7-Guanine Adduct of the Active Monoepoxide of Prodrug Treosulfan: First Synthesis, Characterization, and Decomposition Profile Under Physiological Conditions. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2927-2937.	1.6	4
66	Impact of genetic variants of selected cytochrome P450 isoenzymes on pharmacokinetics and pharmacodynamics of clopidogrel in patients co-treated with atorvastatin or rosuvastatin. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 419-430.	0.8	4
67	Serum sCD25 Protein as a Predictor of Lack of Long-Term Benefits from Immunotherapy in Non-Small Cell Lung Cancer: A Pilot Study. <i>Cancers</i> , 2021, 13, 3702.	1.7	4
68	HPCE AND HPLC METHODS FOR DETERMINATION OF CLOPIDOGREL AND ITS CARBOXYLIC ACID METABOLITE IN BIOLOGICAL SAMPLES: A COMPARATIVE ANALYSIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 620-633.	0.5	3
69	In Vitro Study of the Enzymatic and Nonenzymatic Conjugation of Treosulfan with Glutathione. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019, 44, 653-657.	0.6	3
70	Development of a Limited Sampling Strategy for the Estimation of Exposure to High-Dose Etoposide After Intravenous Infusion in Pediatric Patients. <i>Therapeutic Drug Monitoring</i> , 2017, 39, 138-144.	1.0	2
71	Variants of HSD11B2 gene in hypertensive disorders of pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 1360-1365.	0.7	2
72	Vitamin D Metabolism Gene Polymorphisms and Their Associated Disorders: A Literature Review. <i>Current Drug Metabolism</i> , 2022, 23, 630-651.	0.7	2

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73	Lumbar paravertebral blockade as intractable pain management method in palliative care. <i>OncoTargets and Therapy</i> , 2013, 6, 1187.	1.0	1
74	Clinical bioanalysis of treosulfan and its epoxides: The importance of collected blood processing for valid pharmacokinetic results. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 199-203.	1.4	1
75	Liquid chromatography-tandem mass spectrometry method for simultaneous determination of three N-7-guanine adducts of the active epoxides of prodrug treosulfan in DNA in vitro. <i>Talanta</i> , 2019, 198, 464-471.	2.9	1
76	Bioavailability of mesalazine from two coated formulation tablets. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 67-73.	0.3	1
77	Seasonal pattern of vitamin D hydroxyl metabolite concentrations and their association with cardiac medications – an observational study. <i>Journal of King Saud University - Science</i> , 2022, , 102187.	1.6	1
78	Reply to Comment on “Determination of treosulfan in plasma and urine by HPLC with refractometric detection; pharmacokinetic studies in children undergoing myeloablative treatment prior to haematopoietic stem cell transplantation” by G. Hempel and J. Boos [J. Chromatogr. B 853 (2007) 369-370]. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 853, 371.	1.2	0
79	Population pharmacokinetic approach for evaluation of treosulfan and its active monoepoxide disposition in plasma and brain on the basis of a rat model. <i>Pharmacological Reports</i> , 2020, 72, 1297-1309.	1.5	0