

Stanislav Micuda

List of Publications by Year in descending order

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75
papers

1,337
citations

361296

20
h-index

434063

31
g-index

76
all docs

76
docs citations

76
times ranked

2232
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and Function of P-Glycoprotein in Normal Tissues: Effect on Pharmacokinetics. <i>Methods in Molecular Biology</i> , 2010, 596, 199-222.	0.4	74
2	Organic Cation Transporter 3 (OCT3/SLC22A3) and Multidrug and Toxin Extrusion 1 (MATE1/SLC47A1) Transporter in the Placenta and Fetal Tissues: Expression Profile and Fetus Protective Role at Different Stages of Gestation. <i>Biology of Reproduction</i> , 2013, 88, 55.	1.2	58
3	Proteomic insights into chronic anthracycline cardiotoxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 849-862.	0.9	57
4	Inhibitory effects of memantine on human cytochrome P450 activities: prediction of in vivo drug interactions. <i>European Journal of Clinical Pharmacology</i> , 2004, 60, 583-589.	0.8	51
5	Chronic Anthracycline Cardiotoxicity: Molecular and Functional Analysis with Focus on Nuclear Factor Erythroid 2-Related Factor 2 and Mitochondrial Biogenesis Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 468-478.	1.3	48
6	Validation of Nitrite and Nitrate Measurements in Exhaled Breath Condensate. <i>Respiration</i> , 2006, 73, 173-179.	1.2	43
7	Atorvastatin has hypolipidemic and anti-inflammatory effects in apoE/LDL receptor-double-knockout mice. <i>Life Sciences</i> , 2008, 82, 708-717.	2.0	38
8	Synchronized Activity of Organic Cation Transporter 3 (OCT3/SLC22A3) and Multidrug and Toxin Extrusion 1 (MATE1/SLC47A1) Transporter in Transplacental Passage of MPP+ in Rat. <i>Toxicological Sciences</i> , 2012, 128, 471-481.	1.4	38
9	Determination of pravastatin and pravastatin lactone in rat plasma and urine using UHPLC-MS/MS and microextraction by packed sorbent. <i>Talanta</i> , 2012, 90, 22-29.	2.9	37
10	Telomere Attrition Occurs during Ex Vivo Expansion of Human Dental Pulp Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	35
11	Novel and potent anti-tumor and anti-metastatic di-2-pyridylketone thiosemicarbazones demonstrate marked differences in pharmacology between the first and second generation lead agents. <i>Oncotarget</i> , 2015, 6, 42411-42428.	0.8	34
12	Soluble endoglin modulates the pro-inflammatory mediators NF- κ B and IL-6 in cultured human endothelial cells. <i>Life Sciences</i> , 2017, 175, 52-60.	2.0	32
13	Alteration of Methotrexate Biliary and Renal Elimination during Extrahepatic and Intrahepatic Cholestasis in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1978-1985.	0.6	30
14	Early and delayed cardioprotective intervention with dexrazoxane each show different potential for prevention of chronic anthracycline cardiotoxicity in rabbits. <i>Toxicology</i> , 2013, 311, 191-204.	2.0	28
15	Cholestatic effect of epigallocatechin gallate in rats is mediated via decreased expression of Mrp2. <i>Toxicology</i> , 2013, 303, 9-15.	2.0	27
16	Dexamethasone reduces methotrexate biliary elimination and potentiates its hepatotoxicity in rats. <i>Toxicology</i> , 2010, 267, 165-171.	2.0	25
17	[(p-MeC ₆ H ₄ Pr) ₂ Ru ₂ (SC ₆ H ₄ -p-Bu) ₃]Cl (diruthenium-1), a dinuclear arene ruthenium compound with very high anticancer activity: An in Vitro and in Vivo study. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 42-51.	0.8	25
18	MORPHOLOGICAL AND FUNCTIONAL CHANGES IN P-GLYCOPROTEIN DURING DEXAMETHASONE-INDUCED HEPATOMEGALY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 296-303.	0.9	23

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19	Protective effect of heme oxygenase induction in ethinylestradiol-induced cholestasis. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 924-933.	1.6	23
20	ROCK Inhibitors as Emerging Therapeutic Candidates for Sarcomas. <i>Current Cancer Drug Targets</i> , 2010, 10, 127-134.	0.8	21
21	Proliferative potential and phenotypic analysis of long-term cultivated human granulosa cells initiated by addition of follicular fluid. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 939-950.	1.2	21
22	Deferoxamine but not Dexrazoxane Alleviates Liver Injury Induced by Endotoxemia in Rats. <i>Shock</i> , 2014, 42, 372-379.	1.0	21
23	Cholesterol Effects on Endoglin and Its Downstream Pathways in ApoE/LDLR Double Knockout Mice. <i>Circulation Journal</i> , 2011, 75, 1747-1755.	0.7	20
24	Epigallocatechin gallate enhances biliary cholesterol secretion in healthy rats and lowers plasma and liver cholesterol in ethinylestradiol-treated rats. <i>European Journal of Pharmacology</i> , 2012, 691, 38-45.	1.7	20
25	Boldine enhances bile production in rats via osmotic and Farnesoid X receptor dependent mechanisms. <i>Toxicology and Applied Pharmacology</i> , 2015, 285, 12-22.	1.3	19
26	Iron depletion induces hepatic secretion of biliary lipids and glutathione in rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1469-1480.	1.2	19
27	Membrane and soluble endoglin role in cardiovascular and metabolic disorders related to metabolic syndrome. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2405-2418.	2.4	19
28	Predictive Biomarkers in Breast Cancer: Their Value in Neoadjuvant Chemotherapy. <i>Cancer Investigation</i> , 2012, 30, 663-678.	0.6	18
29	Development of an HPLC fluorescence method for determination of boldine in plasma, bile and urine of rats and identification of its major metabolites by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 936, 48-56.	1.2	18
30	Steviol, an aglycone of steviol glycoside sweeteners, interacts with the pregnane X (PXR) and aryl hydrocarbon (AHR) receptors in detoxification regulation. <i>Food and Chemical Toxicology</i> , 2017, 109, 130-142.	1.8	18
31	Endoglin as a possible marker of atorvastatin treatment benefit in atherosclerosis. <i>Pharmacological Research</i> , 2011, 64, 53-59.	3.1	17
32	The anticancer activity of alpha-tomatine against mammary adenocarcinoma in mice. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> , 2013, 157, 153-161.	0.2	17
33	The 3'-untranslated region contributes to the pregnane X receptor (PXR) expression down-regulation by PXR ligands and up-regulation by glucocorticoids. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 136-152.	5.7	17
34	Methotrexate released in vitro from bone cement inhibits human stem cell proliferation in S/G2 phase. <i>International Orthopaedics</i> , 2010, 34, 137-142.	0.9	16
35	Atorvastatin Increases Endoglin, SMAD2, Phosphorylated SMAD2/3 and eNOS Expression in ApoE/LDLR Double Knockout Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 265-274.	0.9	15
36	Pravastatin modulates liver bile acid and cholesterol homeostasis in rats with chronic cholestasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 1544-1551.	1.4	15

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37	Directed reprogramming of comprehensively characterized dental pulp stem cells extracted from natal tooth. <i>Scientific Reports</i> , 2018, 8, 6168.	1.6	15
38	The peripheral chimerism of bone marrowâ€‘derived stem cells after transplantation: regeneration of gastrointestinal tissues in lethally irradiated mice. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 832-843.	1.6	14
39	Boldine Attenuates Cholestasis Associated With Nonalcoholic Fatty Liver Disease in Hereditary Hypertriglyceridemic Rats Fed by High-Sucrose Diet. <i>Physiological Research</i> , 2015, 64, S467-S476.	0.4	14
40	Activation of TGF-Î² Receptors and Smad Proteins by Atorvastatin is Related to Reduced Atherogenesis in ApoE/LDLR Double Knockout Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 115-126.	0.9	13
41	Iron overload reduces synthesis and elimination of bile acids in rat liver. <i>Scientific Reports</i> , 2019, 9, 9780.	1.6	13
42	Resveratrol modifies biliary secretion of cholephilic compounds in sham-operated and cholestatic rats. <i>World Journal of Gastroenterology</i> , 2017, 23, 7678-7692.	1.4	13
43	Zonation of multidrug resistanceâ€‘associated protein 2 in rat liver after induction with dexamethasone. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, e225-30.	1.4	12
44	Boldine Inhibits Mouse Mammary Carcinoma In Vivo and Human MCF-7 Breast Cancer Cells In Vitro. <i>Planta Medica</i> , 2016, 82, 1416-1424.	0.7	12
45	LCâ€‘MS/MS method for the determination of haemanthamine in rat plasma, bile and urine and its application to a pilot pharmacokinetic study. <i>Biomedical Chromatography</i> , 2016, 30, 1083-1091.	0.8	11
46	P-glycoprotein function and expression during obstructive cholestasis in rats. <i>European Journal of Gastroenterology and Hepatology</i> , 2008, 20, 404-412.	0.8	10
47	Soman poisoning alters p38 MAPK pathway in rat cerebellar Purkinje cells. <i>Journal of Applied Toxicology</i> , 2009, 29, 338-345.	1.4	10
48	Up-regulation of renal Mdr1 and Mrp2 transporters during amiodarone pretreatment in rats. <i>Pharmacological Research</i> , 2010, 61, 129-135.	3.1	10
49	Modification of hepatic iron metabolism induced by pravastatin during obstructive cholestasis in rats. <i>Life Sciences</i> , 2011, 89, 717-724.	2.0	10
50	L-rhamnose and L-fucose suppress cancer growth in mice. <i>Open Life Sciences</i> , 2011, 6, 1-9.	0.6	10
51	High soluble endoglin levels regulate cholesterol homeostasis and bile acids turnover in the liver of transgenic mice. <i>Life Sciences</i> , 2019, 232, 116643.	2.0	10
52	Amiodarone modulates pharmacokinetics of lowâ€‘dose methotrexate in rats. <i>Biopharmaceutics and Drug Disposition</i> , 2008, 29, 289-299.	1.1	9
53	IL-1 receptor blockade alleviates endotoxin-mediated impairment of renal drug excretory functions in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F388-F399.	1.3	9
54	Effect of nonalcoholic steatohepatitis on renal filtration and secretion of adefovir. <i>Biochemical Pharmacology</i> , 2016, 115, 144-151.	2.0	9

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55	Atorvastatin Modulates Bile Acid Homeostasis in Mice with Diet-Induced Nonalcoholic Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6468.	1.8	9
56	Metformin impairs bile acid homeostasis in ethinylestradiol-induced cholestasis in mice. <i>Chemico-Biological Interactions</i> , 2021, 345, 109525.	1.7	9
57	The Effect of Mdr1 Induction on the Pharmacokinetics of Rhodamine 123 in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 257-258.	1.2	7
58	Soluble Endoglin as a Potential Biomarker of Nonalcoholic Steatohepatitis (NASH) Development, Participating in Aggravation of NASH-Related Changes in Mouse Liver. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9021.	1.8	7
59	Collagenolytic Potential of Rat Liver Myofibroblasts. <i>Physiological Research</i> , 2013, 62, 15-25.	0.4	7
60	Off-target lipid metabolism disruption by the mouse constitutive androstane receptor ligand TCPOBOP in humanized mice. <i>Biochemical Pharmacology</i> , 2022, 197, 114905.	2.0	7
61	Diazepam Promotes Translocation of Human Constitutive Androstane Receptor (CAR) via Direct Interaction with the Ligand-Binding Domain. <i>Cells</i> , 2020, 9, 2532.	1.8	6
62	(E)-7-Ethylidene-lithocholic Acid (7-ELCA) Is a Potent Dual Farnesoid X Receptor (FXR) Antagonist and GPBAR1 Agonist Inhibiting FXR-Induced Gene Expression in Hepatocytes and Stimulating Glucagon-like Peptide-1 Secretion From Enteroendocrine Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 713149.	1.6	6
63	Increased melibiose/rhamnose ratio in bile of rats with acute cholestasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, 1934-1940.	1.4	5
64	Splenectomy Influences Homing of Transplanted Stem Cells in Bone Marrow-“Ablated Mice. <i>Stem Cells and Development</i> , 2012, 21, 702-709.	1.1	5
65	3 β -Isoobeticholic acid efficiently activates the farnesoid X receptor (FXR) due to its epimerization to 3 β -epimer by hepatic metabolism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 202, 105702.	1.2	5
66	Multidrug Resistance-Associated Protein 2 Deficiency Aggravates Estrogen-Induced Impairment of Bile Acid Metabolomics in Rats. <i>Frontiers in Physiology</i> , 2022, 13, 859294.	1.3	5
67	Deteriorating effect of fluvastatin on the cholestatic liver injury induced by bile duct ligation in rats. <i>General Physiology and Biophysics</i> , 2011, 30, 66-74.	0.4	4
68	Stilbene compound trans-3,4,5,4 β -tetramethoxystilbene, a potential anticancer drug, regulates constitutive androstane receptor (Car) target genes, but does not possess proliferative activity in mouse liver. <i>Toxicology Letters</i> , 2019, 313, 1-10.	0.4	4
69	Diurnal variation of 6 β -hydroxycortisol in cardiac patients. <i>Physiological Research</i> , 2007, 56, 307-313.	0.4	4
70	Evaluation of the Antineoplastic Activity of L-rhamnose in vitro. A Comparison with 2-deoxyglucose. <i>Acta Medica (Hradec Kralove)</i> , 2008, 51, 113-119.	0.2	2
71	Modulation of Rat Liver Regeneration after Partial Hepatectomy by Dietary Cholesterol. <i>Acta Medica (Hradec Kralove)</i> , 2018, 61, 22-28.	0.2	2
72	Expression of MRP2 and MDR1 and Other Hepatic Markers in Hepatocytes in situ and WRL 68 Cells in vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 249-250.	1.2	1

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73	Colonization of recipient tissues with transplanted murine bone marrow cells. <i>Transfusion and Apheresis Science</i> , 2012, 46, 109-111.	0.5	0
74	Evaluation of Neutrophil Gelatinase-Associated Lipocalin as a Predictor of Glomerular Filtration Rate and Amikacin Clearance During Early Rat Endotoxemia: Comparison with Traditional Endogenous and Exogenous Biomarkers. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020, 45, 71-80.	0.6	0
75	Development of a Rat Model of Intra-Amniotic Inflammation via Ultrasound-Guided Administration of a Triggering Agent in the Gestational Sac to Enable Analysis of Individual Amniotic Fluid Samples. <i>Frontiers in Pharmacology</i> , 2022, 13, 871193.	1.6	0