

Katsuhito Nagai

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

352
citations

1040056

9
h-index

839539

18
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31
all docs

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docs citations

31
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of taurine on doxorubicin-induced acute hepatotoxicity through suppression of oxidative stress and apoptotic responses. <i>Anti-Cancer Drugs</i> , 2016, 27, 17-23.	1.4	50
2	Transport mechanisms for adenosine and uridine in primary-cultured rat cortical neurons and astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1343-1350.	2.1	44
3	Theanine prevents doxorubicin-induced acute hepatotoxicity by reducing intrinsic apoptotic response. <i>Food and Chemical Toxicology</i> , 2015, 78, 147-152.	3.6	43
4	Anticancer nucleobase analogues 6-mercaptopurine and 6-thioguanine are novel substrates for equilibrative nucleoside transporter 2. <i>International Journal of Pharmaceutics</i> , 2007, 333, 56-61.	5.2	34
5	Prevention of Doxorubicin-Induced Renal Toxicity by Theanine in Rats. <i>Pharmacology</i> , 2018, 101, 219-224.	2.2	27
6	Relationships between the in vitro cytotoxicity and transport characteristics of pirarubicin and doxorubicin in M5076 ovarian sarcoma cells, and comparison with those in Ehrlich ascites carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2002, 49, 244-250.	2.3	12
7	Pirarubicin is taken up by a uridine-transportable sodium-dependent concentrative nucleoside transporter in Ehrlich ascites carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 51, 512-518.	2.3	12
8	Cytidine is a novel substrate for wild-type concentrative nucleoside transporter 2. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 439-443.	2.1	10
9	Contribution of an unidentified sodium-dependent nucleoside transport system to the uptake and cytotoxicity of anthracycline in mouse M5076 ovarian sarcoma cells. <i>Biochemical Pharmacology</i> , 2006, 71, 565-573.	4.4	9
10	Mouse Equilibrative Nucleoside Transporter 2 (mENT2) Transports Nucleosides and Purine Nucleobases Differing from Human and Rat ENT2. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 979-981.	1.4	9
11	Enhanced anti-cancer activity by menthol in HepG2 cells exposed to paclitaxel and vincristine: possible involvement of CYP3A4 downregulation. <i>Drug Metabolism and Personalized Therapy</i> , 2019, 34, .	0.6	9
12	Uptake of the anthracycline pirarubicin into mouse M5076 ovarian sarcoma cells via a sodium-dependent nucleoside transport system. <i>Cancer Chemotherapy and Pharmacology</i> , 2005, 55, 222-230.	2.3	8
13	Novel Na ⁺ -independent and adenine-specific transport system for adenine in primary cultured rat cortical neurons. <i>Neuroscience Letters</i> , 2006, 407, 244-248.	2.1	8
14	Compatibility of Intravenous Fat Emulsion with Antibiotics for Secondary Piggyback Infusion. <i>Annals of Nutrition and Metabolism</i> , 2018, 73, 227-233.	1.9	8
15	Pharmacokinetics and metabolic elimination of tolbutamide in female rats: Comparison with male rats. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 321-327.	1.9	8
16	InÂvitro and inÂvivo effects of selected fibers on the pharmacokinetics of orally administered carbamazepine: Possible interaction between therapeutic drugs and semisolid enteral nutrients. <i>Nutrition</i> , 2018, 46, 44-47.	2.4	7
17	Altered tolbutamide pharmacokinetics by a decrease in hepatic expression of CYP2C6/11 in rats pretreated with 5-fluorouracil. <i>Xenobiotica</i> , 2018, 48, 53-59.	1.1	7
18	Protection of theanine against doxorubicin-induced acute cardiac toxicity. <i>Biomedicine and Preventive Nutrition</i> , 2013, 3, 197-199.	0.9	6

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19	Bactericidal effects of deep ultraviolet light-emitting diode for solutions during intravenous infusion. <i>International Journal of Medical Sciences</i> , 2018, 15, 101-107.	2.5	6
20	Effect of fluoxetine and pergolide on expression of nucleoside transporters and nucleic acid-related enzymes in mouse brain. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 217-220.	1.9	5
21	Decreased elimination clearance of midazolam by doxorubicin through reductions in the metabolic activity of hepatic CYP3A in rats. <i>Xenobiotica</i> , 2015, 45, 874-880.	1.1	5
22	Alterations in Pharmacokinetics of Orally Administered Carbamazepine in Rats Treated with Sodium alginate: Possible Interaction between Therapeutic Drugs and Semi-solid Enteral Nutrients. <i>Drug Research</i> , 2019, 69, 168-172.	1.7	5
23	Water Soluble Vitamins Enhance the Growth of Microorganisms in Peripheral Parenteral Nutrition Solutions. <i>International Journal of Medical Sciences</i> , 2017, 14, 1213-1219.	2.5	4
24	Conflicting alterations in hepatic expression of CYP3A and enzyme kinetics in rats exposed to 5-fluorouracil: relevance to pharmacokinetics of midazolam. <i>Xenobiotica</i> , 2019, 49, 1470-1477.	1.1	4
25	Change in pharmacokinetic behavior of intravenously administered midazolam due to increased CYP3A2 expression in rats treated with menthol. <i>Biopharmaceutics and Drug Disposition</i> , 2015, 36, 174-182.	1.9	3
26	Effects of semi-solidification of enteral nutrients on the pharmacokinetic behavior of orally administered carbamazepine in rats. <i>International Journal of Medical Sciences</i> , 2019, 16, 1283-1286.	2.5	3
27	Differences in Transport Characteristics and Cytotoxicity of Epirubicin and Doxorubicin in HepG2 and A549 Cells. <i>Anticancer Research</i> , 2021, 41, 6105-6112.	1.1	3
28	Effects of concurrent and staggered dosing of semi-solid enteral nutrients on pharmacokinetic behavior of antiepileptic drugs after oral administration in rats. <i>PLoS ONE</i> , 2021, 16, e0259400.	2.5	2
29	Pharmacokinetic interference of doxorubicin with tolbutamide due to reduced metabolic clearance with increased serum unbound fraction in rats. <i>Biopharmaceutics and Drug Disposition</i> , 2019, 40, 225-233.	1.9	1
30	Survey on Usage of Adrenaline Auto-injection, Current Situation and Role of School Pharmacists in Education. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , 2016, 42, 31-39.	0.1	0
31	Doxorubicin alters the disposition of phenytoin by reducing its metabolic elimination and binding affinity to serum albumin in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 200-207.	2.4	0