

Thomas A Robertson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

2,176
citations

20
h-index

35
g-index

35
ext. papers

2,400
ext. citations

5.2
avg, IF

4.26
L-index

#	Paper	IF	Citations
35	Nanoparticles and microparticles for skin drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 470-918.5	18.5	584
34	Meropenem dosing in critically ill patients with sepsis and without renal dysfunction: intermittent bolus versus continuous administration? Monte Carlo dosing simulations and subcutaneous tissue distribution. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 142-50	5.1	238
33	An international, multicentre survey of β -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 1416-23	5.1	144
32	Piperacillin penetration into tissue of critically ill patients with sepsis--bolus versus continuous administration?. <i>Critical Care Medicine</i> , 2009 , 37, 926-33	1.4	136
31	Non-invasive imaging of skin physiology and percutaneous penetration using fluorescence spectral and lifetime imaging with multiphoton and confocal microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 77, 469-88	5.7	128
30	In vitro and in vivo imaging of xenobiotic transport in human skin and in the rat liver. <i>Journal of Biophotonics</i> , 2008 , 1, 478-93	3.1	92
29	Time-correlated single photon counting for simultaneous monitoring of zinc oxide nanoparticles and NAD(P)H in intact and barrier-disrupted volunteer skin. <i>Pharmaceutical Research</i> , 2011 , 28, 2920-30	4.5	91
28	Alpha-turn mimetics: short peptide alpha-helices composed of cyclic metalloptapeptide modules. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4828-42	16.4	77
27	Are commercially available nanoparticles safe when applied to the skin?. <i>Journal of Biomedical Nanotechnology</i> , 2010 , 6, 452-68	4	76
26	A preliminary study of atorvastatin plasma concentrations in critically ill patients with sepsis. <i>Intensive Care Medicine</i> , 2009 , 35, 717-21	14.5	76
25	Acute human self-poisoning with imidacloprid compound: a neonicotinoid insecticide. <i>PLoS ONE</i> , 2009 , 4, e5127	3.7	71
24	Simultaneous determination of seven β -lactam antibiotics in human plasma for therapeutic drug monitoring and pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 960, 134-44	3.2	64
23	Catalytic mechanism of a C-C hydrolase enzyme: evidence for a gem-diol intermediate, not an acyl enzyme. <i>Biochemistry</i> , 2000 , 39, 1522-31	3.2	57
22	Compatibility studies of acyclovir and lactose in physical mixtures and commercial tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 73, 404-13	5.7	54
21	Fluorescein derivatives in intravital fluorescence imaging. <i>Cells</i> , 2013 , 2, 591-606	7.9	36
20	Liver transporters in hepatic drug disposition: an update. <i>Current Drug Metabolism</i> , 2009 , 10, 482-98	3.5	34
19	Assessment of feasibility of maillard reaction between baclofen and lactose by liquid chromatography and tandem mass spectrometry, application to pre formulation studies. <i>AAPS PharmSciTech</i> , 2009 , 10, 649-59	3.9	32

18	Palladium-catalyzed coupling of a propargylglycine derivative.. <i>Tetrahedron</i> , 1992 , 48, 3239-3250	2.4	31
17	Altered pharmacokinetics of piperacillin in febrile neutropenic patients with hematological malignancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3533-7	5.9	30
16	Hepatic pharmacokinetics of cationic drugs in a high-fat emulsion-induced rat model of nonalcoholic steatohepatitis. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 571-9	4	25
15	Multiphoton microscopy and fluorescence lifetime imaging provide a novel method in studying drug distribution and metabolism in the rat liver in vivo. <i>Journal of Biomedical Optics</i> , 2011 , 16, 086013	3.5	15
14	In Vivo Microdialysis To Determine Subcutaneous Interstitial Fluid Penetration and Pharmacokinetics of Fluconazole in Intensive Care Unit Patients with Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 827-32	5.9	13
13	Severe Hypertension and Bradycardia Secondary to Midodrine Overdose. <i>Journal of Medical Toxicology</i> , 2017 , 13, 88-90	2.6	9
12	Hepatocellular necrosis, fibrosis and microsomal activity determine the hepatic pharmacokinetics of basic drugs in right-heart-failure-induced liver damage. <i>Pharmaceutical Research</i> , 2012 , 29, 1658-69	4.5	9
11	A novel way to investigate the effects of plasma exchange on antibiotic levels: use of microdialysis. <i>International Journal of Antimicrobial Agents</i> , 2008 , 31, 240-4	14.3	9
10	Vasoplegic Shock Treated with Methylene Blue Complicated by Severe Serotonin Syndrome. <i>Journal of Medical Toxicology</i> , 2018 , 14, 100-103	2.6	9
9	Smoking cessation interventions for lung cancer patients. <i>Lung Cancer Management</i> , 2013 , 2, 61-74	2.6	7
8	Oxidation of oxa and thia fatty acids and related compounds catalysed by 5- and 15-lipoxygenase. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 317-22	3.4	7
7	Current and emerging pharmacotherapeutic options for smoking cessation. <i>Substance Abuse: Research and Treatment</i> , 2013 , 7, 85-105	1.6	6
6	Synthesis of hydroperoxide and perketal derivatives of polyunsaturated fatty acids as potential antimalarial agents. <i>Tetrahedron Letters</i> , 1998 , 39, 4401-4404	2	6
5	Pharmacokinetics of fluconazole in critically ill patients with acute kidney injury receiving sustained low-efficiency diafiltration. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 192-5	14.3	5
4	Pramipexole Overdose Associated with Visual Hallucinations, Agitation and Myoclonus. <i>Journal of Medical Toxicology</i> , 2017 , 13, 343-346	2.6	2
3	Liver fibrosis impairs hepatic pharmacokinetics of liver transplant drugs in the rat model. <i>Drug Metabolism and Pharmacokinetics</i> , 2010 , 25, 442-9	2.2	2
2	Changes in antibiotic distribution due to pancreatitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3008-11	5.9	1
1	Influencing Factors in N-nitrosodimethylamine (NDMA) Impurity Detection in Ranitidine and Possible Reactivity of other Histamine H2 Receptor Antagonists. <i>Journal of Pharmaceutical Innovation</i> , 1	1.8	

