

Peng Zou

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

1,723
citations

21
h-index

38
g-index

38
ext. papers

1,874
ext. citations

4.5
avg, IF

4.33
L-index

#	Paper	IF	Citations
35	Withaferin A targets heat shock protein 90 in pancreatic cancer cells. <i>Biochemical Pharmacology</i> , 2010 , 79, 542-51	6	214
34	A potent small-molecule inhibitor of the MDM2-p53 interaction (MI-888) achieved complete and durable tumor regression in mice. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 5553-61	8.3	196
33	Characterization of celastrol to inhibit hsp90 and cdc37 interaction. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35381-9	5.4	136
32	Simultaneous determination of synthetic phosphodiesterase-5 inhibitors found in a dietary supplement and pre-mixed bulk powders for dietary supplements using high-performance liquid chromatography with diode array detection and liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1104, 113-22	4.5	122
31	Superparamagnetic iron oxide nanotheranostics for targeted cancer cell imaging and pH-dependent intracellular drug release. <i>Molecular Pharmaceutics</i> , 2010 , 7, 1974-84	5.6	110
30	Physiologically Based Pharmacokinetic (PBPK) Modeling of Pharmaceutical Nanoparticles. <i>AAPS Journal</i> , 2017 , 19, 26-42	3.7	83
29	Applications of human pharmacokinetic prediction in first-in-human dose estimation. <i>AAPS Journal</i> , 2012 , 14, 262-81	3.7	77
28	Isolation and identification of thiohomosildenafil and thiosildenafil in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 279-84	3.5	65
27	Near-infrared fluorescence labeled anti-TAG-72 monoclonal antibodies for tumor imaging in colorectal cancer xenograft mice. <i>Molecular Pharmaceutics</i> , 2009 , 6, 428-40	5.6	62
26	Noninvasive fluorescence resonance energy transfer imaging of in vivo premature drug release from polymeric nanoparticles. <i>Molecular Pharmaceutics</i> , 2013 , 10, 4185-94	5.6	60
25	Structural elucidation of a tadalafil analogue found as an adulterant of a herbal product. <i>Food Additives and Contaminants</i> , 2006 , 23, 446-51		60
24	Determination of indican, isatin, indirubin and indigotin in <i>Isatis indigotica</i> by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 1239-46	2.2	49
23	Polymeric curcumin nanoparticle pharmacokinetics and metabolism in bile duct cannulated rats. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1977-87	5.6	47
22	Structural identification of a new acetildenafil analogue from pre-mixed bulk powder intended as a dietary supplement. <i>Food Additives and Contaminants</i> , 2006 , 23, 870-5		45
21	Product quality for nanomaterials: current U.S. experience and perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015 , 7, 640-54	9.2	42
20	Detection of sibutramine, its two metabolites and one analogue in a herbal product for weight loss by liquid chromatography triple quadrupole mass spectrometry and time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 614-8	2.2	34
19	The Effects of Pharmaceutical Excipients on Gastrointestinal Tract Metabolic Enzymes and Transporters-an Update. <i>AAPS Journal</i> , 2016 , 18, 830-43	3.7	34

18	Scientific and Regulatory Considerations for Generic Complex Drug Products Containing Nanomaterials. <i>AAPS Journal</i> , 2017 , 19, 619-631	3.7	31
17	Identification of benzamidenafil, a new class of phosphodiesterase-5 inhibitor, as an adulterant in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 255-9	3.5	30
16	Detection of sildenafil analogues in herbal products for erectile dysfunction. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006 , 69, 1951-8	3.2	30
15	Prediction of volume of distribution at steady state in humans: comparison of different approaches. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012 , 8, 855-72	5.5	23
14	Structural elucidation of a PDE-5 inhibitor detected as an adulterant in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 1070-5	3.5	21
13	Electrospray tandem mass spectrometric investigations of tadalafil and its analogue. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 3488-90	2.2	21
12	Intracellular dissociation of a polymer coating from nanoparticles. <i>Nano Research</i> , 2012 , 5, 815-825	10	20
11	How Has CDER Prepared for the Nano Revolution? A Review of Risk Assessment, Regulatory Research, and Guidance Activities. <i>AAPS Journal</i> , 2017 , 19, 1071-1083	3.7	17
10	Physiologically based pharmacokinetic and pharmacodynamic modeling of an antagonist (SM-406/AT-406) of multiple inhibitor of apoptosis proteins (IAPs) in a mouse xenograft model of human breast cancer. <i>Biopharmaceutics and Drug Disposition</i> , 2013 , 34, 348-59	1.7	15
9	Physicochemical Characterization of Iron Carbohydrate Colloid Drug Products. <i>AAPS Journal</i> , 2017 , 19, 1359-1376	3.7	15
8	¹²⁴ I-HuCC49deltaCH2 for TAG-72 antigen-directed positron emission tomography (PET) imaging of LS174T colon adenocarcinoma tumor implants in xenograft mice: preliminary results. <i>World Journal of Surgical Oncology</i> , 2010 , 8, 65	3.4	13
7	Comparison of in vitro-in vivo extrapolation of biliary clearance using an empirical scaling factor versus transport-based scaling factors in sandwich-cultured rat hepatocytes. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 2837-50	3.9	12
6	Cells on pores: a simulation-driven analysis of transcellular small molecule transport. <i>Molecular Pharmaceutics</i> , 2010 , 7, 456-67	5.6	10
5	In vitro metabolism of 17-(dimethylaminoethylamino)-17-demethoxygeldanamycin in human liver microsomes. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 627-35	4	10
4	Prediction of nanoparticle prodrug metabolism by pharmacokinetic modeling of biliary excretion. <i>Journal of Controlled Release</i> , 2013 , 172, 558-67	11.7	9
3	Liquid chromatography ion trap/time-of-flight mass spectrometric study on the fragmentation of an acetildenafil analogue. <i>European Journal of Mass Spectrometry</i> , 2007 , 13, 233-8	1.1	4
2	Detection of dehydroepiandrosterone and androsterone in a traditional Chinese herbal product. <i>Food Additives and Contaminants</i> , 2007 , 24, 1326-33		3
1	A Global Perspective on First-in-Man Dose Selection: Oncology and Beyond 2016 , 39-58		1

