

Christine Barthelemy

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2286196/christine-barthelemy-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

65
papers

850
citations

17
h-index

25
g-index

68
ext. papers

1,000
ext. citations

3.8
avg, IF

3.45
L-index

#	Paper	IF	Citations
65	Water-soluble naphthalene derivatives as singlet oxygen (1O_2 , $^1\bar{O}$) carriers for biological media. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996 , 36, 31-39	6.7	48
64	Physical characterization of naproxen sodium hydrate and anhydrate forms. <i>European Journal of Pharmaceutical Sciences</i> , 2001 , 14, 293-300	5.1	46
63	Impact of multiaccess infusion devices on in vitro drug delivery during multi-infusion therapy. <i>Anesthesia and Analgesia</i> , 2009 , 109, 1147-55	3.9	40
62	Experimental study on infusion devices containing polyvinyl chloride: to what extent are they di(2-ethylhexyl)phthalate-free?. <i>International Journal of Pharmaceutics</i> , 2011 , 412, 47-51	6.5	35
61	Improved dissolution behavior of fenbufen by spherical crystallization. <i>Drug Development and Industrial Pharmacy</i> , 1999 , 25, 1073-81	3.6	35
60	Effectiveness of a Closed-System Transfer Device in Reducing Surface Contamination in a New Antineoplastic Drug-Compounding Unit: A Prospective, Controlled, Parallel Study. <i>PLoS ONE</i> , 2016 , 11, e0159052	3.7	32
59	A new tetrahydrated form of sodium naproxen. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 156-67	3.9	29
58	Infusion set characteristics such as antireflux valve and dead-space volume affect drug delivery: an experimental study designed to enhance infusion sets. <i>Anesthesia and Analgesia</i> , 2010 , 111, 1427-31	3.9	27
57	Influence of vancomycin infusion methods on endothelial cell toxicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 930-4	5.9	26
56	The impact on drug mass flow rate of interrupting and resuming carrier fluid flow: an in vitro study on a very low dead-space volume infusion set. <i>Anesthesia and Analgesia</i> , 2012 , 114, 328-32	3.9	26
55	Characterization and compaction behaviour of nimesulide crystal forms. <i>International Journal of Pharmaceutics</i> , 2007 , 342, 137-44	6.5	25
54	Improved compression properties of propyphenazone spherical crystals. <i>International Journal of Pharmaceutics</i> , 2000 , 197, 95-106	6.5	25
53	Grapefruit juice-nifedipine interaction: possible involvement of several mechanisms. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2005 , 30, 153-8	2.2	24
52	Analytical and semipreparative enantioseparation of 9-hydroxyrisperidone, the main metabolite of risperidone, using high-performance liquid chromatography and capillary electrophoresis. Validation and determination of enantiomeric purity. <i>Journal of Chromatography A</i> , 2007 , 1163, 228-36	4.5	23
51	Influence of crystal hydration on the mechanical properties of sodium naproxen. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 70, 345-56	5.7	22
50	Clinical implications of intravenous drug incompatibilities in critically ill patients. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2019 , 38, 173-180	3	21
49	P-glycoprotein and cytochrome P450 3A4 involvement in risperidone transport using an in vitro Caco-2/TC7 model and an in vivo model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 878-86	5.5	20

48	Compatibility of medications during multi-infusion therapy: A controlled in vitro study on a multilumen infusion device. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2015 , 34, 83-8	3	17
47	Quantification of five plasticizers used in PVC tubing through high performance liquid chromatographic-UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 965, 158-63	3.2	17
46	Partition and transport of verapamil and nicotine through artificial membranes. <i>International Journal of Pharmaceutics</i> , 1991 , 68, 43-49	6.5	17
45	The impact of multilumen infusion devices on the occurrence of known physical drug incompatibility: a controlled in vitro study. <i>Anesthesia and Analgesia</i> , 2013 , 116, 101-6	3.9	16
44	Effect of genetic polymorphisms in UDP-glucuronosyltransferase 1A6 (UGT1A6) on acetylsalicylic acid metabolism in healthy female volunteers. <i>Pharmacology</i> , 2009 , 83, 237-42	2.3	15
43	Identification and quantification by H nuclear magnetic resonance spectroscopy of seven plasticizers in PVC medical devices. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1271-1280	4.4	13
42	Impact of physical incompatibility on drug mass flow rates: example of furosemide-midazolam incompatibility. <i>Annals of Intensive Care</i> , 2012 , 2, 28	8.9	13
41	Effect of oil-in-water submicron emulsion surface charge on oral absorption of a poorly water-soluble drug in rats. <i>Drug Delivery</i> , 2008 , 15, 503-14	7	13
40	In vitro analysis of overall particulate contamination exposure during multidrug IV therapy: impact of infusion sets. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 1042-7	3	12
39	Contribution of scintigraphy to verify the reliability of different preparation processes for enteric coated capsules. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1994 , 19, 91-8	2.7	12
38	Impact of infusion method on amikacin serum levels in humans. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010 , 23, 324-6	3.5	11
37	Multiple-test assessment of devices to protect healthcare workers when administering cytotoxic drugs to patients. <i>Journal of Oncology Pharmacy Practice</i> , 2012 , 18, 191-200	1.7	11
36	Prevention of drug delivery disturbances during continuous intravenous infusion: an in vitro study on a new multi-lumen infusion access device. <i>Annales Francaises DAnesthesie Et De Reanimation</i> , 2013 , 32, e107-12		10
35	Influence of seven beverages on salicylate disposition in humans. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2001 , 26, 187-93	2.2	10
34	In vitro assessment of the influence of intravenous extension set materials on insulin aspart drug delivery. <i>PLoS ONE</i> , 2018 , 13, e0201623	3.7	10
33	Criteria for choosing an intravenous infusion line intended for multidrug infusion in anaesthesia and intensive care units. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017 , 36, 53-63	3	9
32	In Vitro Assessment of Interaction Between Amino Acids and Copper in Neonatal Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016 , 40, 827-34	4.2	9
31	Effectiveness of in-Line Filters to Completely Remove Particulate Contamination During a Pediatric Multidrug Infusion Protocol. <i>Scientific Reports</i> , 2018 , 8, 7714	4.9	9

30	Analysis of plasticizers in PVC medical devices: Performance comparison of eight analytical methods. <i>Talanta</i> , 2017 , 162, 604-611	6.2	8
29	An Attempt at Bringing to Light a Phase Inversion in a Binary Mixture of Two Dimensional Rounded Particles. <i>Drug Development and Industrial Pharmacy</i> , 1988 , 14, 2443-2465	3.6	8
28	Dynamic Image Analysis To Evaluate Subvisible Particles During Continuous Drug Infusion In a Neonatal Intensive Care Unit. <i>Scientific Reports</i> , 2017 , 7, 9404	4.9	7
27	Influence of metronidazole particle properties on granules prepared in a high-shear mixer-granulator. <i>Drug Development and Industrial Pharmacy</i> , 2007 , 33, 121-31	3.6	7
26	Immunoassay quantification of human insulin added to ternary parenteral nutrition containers: comparison of two methods. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 3677-3684	4.4	6
25	Endothelial Cell Toxicity of Vancomycin Infusion Combined with Other Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4901-6	5.9	6
24	Acute kidney injury after high dose etoposide phosphate: A retrospective study in children receiving an allogeneic hematopoietic stem cell transplantation. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e27038	3	6
23	A decontamination process adding a tensioactive agent and isopropanol to a closed-system drug transfer device for better control of isolator contamination. A prospective, parallel study. <i>PLoS ONE</i> , 2018 , 13, e0201335	3.7	6
22	Technical evaluation of a new sterile medical device to improve anticancer chemotherapy administration. <i>Oncology Nursing Forum</i> , 2010 , 37, E370-6	1.7	6
21	Stability of 10 mg/mL cefuroxime solution for intracameral injection in commonly used polypropylene syringes and new ready-to-use cyclic olefin copolymer sterile vials using the LC-UV stability-indicating method. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 166-174	3.6	5
20	Particulate Matter in Injectable Drugs: Evaluation of Risks to Patients. <i>Pharmaceutical Technology in Hospital Pharmacy</i> , 2016 , 1,	0.5	5
19	Vancomycin syringe study shows significant reduction in dosing variability after introducing a revised protocol. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014 , 103, e93-4	3.1	5
18	Impact of infusion set characteristics on the accuracy of patient-controlled morphine administration: a controlled in-vitro study. <i>Anaesthesia</i> , 2014 , 69, 131-6	6.6	5
17	Impact of noradrenaline infusion set on mean arterial pressure: a retrospective clinical study. <i>Annales Francaises D'Anesthesie Et De Reanimation</i> , 2013 , 32, e159-62		5
16	How to solve the problem of co-elution between two compounds in liquid chromatography through the first UV derivative spectrum. A trial on alternative plasticizers to di(2-ethylhexyl) phthalate. <i>Talanta</i> , 2017 , 162, 187-192	6.2	5
15	Evaluation of the stability of vancomycin solutions at concentrations used in clinical services. <i>European Journal of Hospital Pharmacy</i> , 2020 , 27, e87-e92	1.6	5
14	An in vitro evaluation of infusion methods using a syringe pump to improve noradrenaline administration. <i>Acta Anaesthesiologica Scandinavica</i> , 2015 , 59, 197-204	1.9	4
13	In vitro comparison of two changeover methods for vasoactive drug infusion pumps: quick-change versus automated relay. <i>Biomedizinische Technik</i> , 2015 , 60, 377-80	1.3	4

12	Mathematical and physical model of gravity-fed infusion outflow: application to soft-bag-packed solutions. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2011 , 36, 197-203	2.7	4
11	Influence of a Double-Lumen Extension Tube on Drug Delivery: Examples of Isosorbide Dinitrate and Diazepam. <i>PLoS ONE</i> , 2016 , 11, e0154917	3.7	4
10	Influence of infusion method on gemcitabine pharmacokinetics: a controlled randomized multicenter trial. <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 76, 865-71	3.5	3
9	Improving noradrenaline infusion technique. <i>Anaesthesia</i> , 2013 , 68, 647-8	6.6	3
8	Potential Impact of Infusion Technique on Drug Delivery. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 268-73	3.2	3
7	The role of several I-HPCs in preventing tablet capping during direct compression of metronidazole. <i>Drug Development and Industrial Pharmacy</i> , 2007 , 33, 1308-17	3.6	1
6	To what extent do the storage conditions of polyether-based polyurethane have an impact on diazepam delivery?. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49333	2.9	1
5	Long-term stability of ready-to-use 1-mg/mL midazolam solution. <i>American Journal of Health-System Pharmacy</i> , 2020 , 77, 681-689	2.2	0
4	Dynamic particle count during drug infusion: Method characterization and analysis of factors influencing results. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101473	4.5	0
3	Long-term stability of ready-to-use norepinephrine solution at 0.2 and 0.5 mg/mL. <i>European Journal of Hospital Pharmacy</i> , 2020 , 27, e93-e98	1.6	0
2	Assessment of anti-factor Xa activity of heparin in binary parenteral nutrition admixtures for premature neonates. <i>Annales Pharmaceutiques Francaises</i> , 2015 , 73, 277-80	1.3	
1	Evaluation of Specific Administering Devices for Antineoplastic Drugs Compounded in Syringes in Paediatrics: Methodology Proposal. <i>Journal of Oncology Pharmacy Practice</i> , 2017 , 1078155217733323	1.7	