

# Nicolas C Simon

## List of Publications by Year in descending order

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45  
papers

549  
citations

623574

14  
h-index

713332

21  
g-index

49  
all docs

49  
docs citations

49  
times ranked

626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Multiaccess Infusion Devices on In Vitro Drug Delivery During Multi-Infusion Therapy. <i>Anesthesia and Analgesia</i> , 2009, 109, 1147-1155.	1.1	46
2	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.	1.1	45
3	Mussel Inspired Coating of a Biocompatible Cyclodextrin Based Polymer onto CoCr Vascular Stents. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 3575-3586.	4.0	42
4	Infusion Set Characteristics Such as Antireflux Valve and Dead-Space Volume Affect Drug Delivery. <i>Anesthesia and Analgesia</i> , 2010, 111, 1427-1431.	1.1	32
5	The Impact on Drug Mass Flow Rate of Interrupting and Resuming Carrier Fluid Flow. <i>Anesthesia and Analgesia</i> , 2012, 114, 328-332.	1.1	32
6	Poly-ε-cyclodextrin functionalized porous bioceramics for local chemotherapy and anticancer bone reconstruction. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1130-1139.	1.6	24
7	Efficiency of degradation or desorption methods in antineoplastic drug decontamination: A critical review. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 929-946.	0.5	24
8	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, 158-163.	1.2	23
9	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, 878-886.	2.5	21
10	A chemometric approach to elucidate the parameter impact in the hyphenation of evaporative light scattering detector to supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2014, 1333, 124-133.	1.8	20
11	Factors Generating Glucose Degradation Products In Sterile Glucose Solutions For Infusion: Statistical Relevance Determination Of Their Impacts. <i>Scientific Reports</i> , 2017, 7, 11932.	1.6	20
12	Analysis of plasticizers in PVC medical devices: Performance comparison of eight analytical methods. <i>Talanta</i> , 2017, 162, 604-611.	2.9	18
13	In vivo evaluation of post-operative pain reduction on rat model after implantation of intraperitoneal PET meshes functionalised with cyclodextrins and loaded with ropivacaine. <i>Biomaterials</i> , 2019, 192, 260-270.	5.7	17
14	Impact of infusion method on amikacin serum levels in humans. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010, 23, 324-326.	1.1	16
15	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.	0.8	13
16	Severe acute pancreatitis related to the use of adefovir in a liver transplant recipient. <i>Gastroenterologie Clinique Et Biologique</i> , 2008, 32, 247-249.	0.9	11
17	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.	0.9	10
18	Chemical Decontamination of Hazardous Drugs: A Comparison of Solution Performances. <i>Annals of Work Exposures and Health</i> , 2020, 64, 114-124.	0.6	10

#	ARTICLE	IF	CITATIONS
19	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.	2.9	8
20	Complementary and alternative medicine use in glioma patients in France. <i>Journal of Neuro-Oncology</i> , 2019, 145, 487-499.	1.4	8
21	Stability of frozen 1% voriconazole eye-drops in both glass and innovative containers. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105102.	1.9	8
22	Does DDI-Predictor Help Pharmacists to Detect Drug-Drug Interactions and Resolve Medication Issues More Effectively?. <i>Metabolites</i> , 2021, 11, 173.	1.3	8
23	Chromatographic determination of the association constant between 8-methoxypsoralen and modified $\beta$ -cyclodextrin: protective effect of hydroxypropyl- $\beta$ -cyclodextrin on 8-methoxypsoralen toxicity in human keratinocytes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 798, 217-222.	1.2	7
24	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.	1.9	7
25	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.	1.1	7
26	Efficiency of four solutions in removing 23 conventional antineoplastic drugs from contaminated surfaces. <i>PLoS ONE</i> , 2020, 15, e0235131.	1.1	7
27	Technical Evaluation of a New Sterile Medical Device to Improve Anticancer Chemotherapy Administration. <i>Oncology Nursing Forum</i> , 2010, 37, E370-E376.	0.5	6
28	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-e94.	0.7	6
29	Perception, knowledge, and handling practice regarding the risk of exposure to antineoplastic drugs in oncology day hospitalization units and compounding unit staff. <i>Journal of Oncology Pharmacy Practice</i> , 0, , 107815522211038.	0.5	6
30	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.	0.6	5
31	Unexpected Overestimation of Methotrexate Plasma Concentrations. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 499-504.	1.0	5
32	Potential Impact of Infusion Technique on Drug Delivery. <i>Therapeutic Drug Monitoring</i> , 2016, 38, 268-273.	1.0	5
33	Influence of infusion method on gemcitabine pharmacokinetics: a controlled randomized multicenter trial. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 76, 865-871.	1.1	4
34	A new pharmacokinetic model for 90Y-ibritumomab tiuxetan based on 3-dimensional dosimetry. <i>Scientific Reports</i> , 2018, 8, 14860.	1.6	4
35	Quality control and stability of ketamine, remifentanyl, and sufentanyl syringes in a pediatric operating theater. <i>Paediatric Anaesthesia</i> , 2019, 29, 193-199.	0.6	3
36	Occupational exposure to conventional antineoplastic drugs: can it be further limited?. <i>European Journal of Hospital Pharmacy</i> , 2020, 27, 251-252.	0.5	3

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37	Fastidious chemical decontamination after cyclophosphamide vial breakage in a compounding unit. <i>Journal of Oncology Pharmacy Practice</i> , 2020, 26, 2038-2041.	0.5	3
38	Ethanol Exposure During the Intravenous Administration of Chemotherapeutic Drugs: An Analysis of Clinical Practice and a Literature Review. <i>JCO Oncology Practice</i> , 2022, , OP2100430.	1.4	2
39	In Vitro Assessment of a New Extension Set Intended to Reduce Occupational Exposure to Antineoplastic Drugs During Hepatic Chemoembolisation. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 141-143.	0.9	1
40	Should we replace etoposide phosphate by etoposide for allogeneic hematopoietic stem cell transplantation in children?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27039.	0.8	1
41	Evaluation of Specific Administering Devices for Antineoplastic Drugs Compounded in Syringes in Paediatrics: Methodology Proposal. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 309-316.	0.5	1
42	P01.034 Prospective evaluation of alternative therapies in glioma patients in France. <i>Neuro-Oncology</i> , 2018, 20, iii236-iii236.	0.6	0
43	OHP-025...Combined effect of a closed system transfer device and decontamination in the reduction of occupational exposure in compounding unit. , 2017, , .		0
44	OHP-013...Assessment of medical devices intended to administer antineoplastic drugs compounded in syringes: methodology proposal. , 2017, , .		0
45	PP-038...Combining a closed system transfer device and an improved decontamination process to decrease the contamination inside isolators. , 2017, , .		0