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Simultaneous quantitation of azole antifungals, antibiotics, imatinib, and raltegravir in human plasma by two-dimensional high-performance liquid chromatography-tandem mass spectrometry

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#	Paper	IF	Citations
57	Novel on-line column extraction apparatus coupled with binary peak focusing for high-performance liquid chromatography determination of rifampicin in human plasma: a strategy for therapeutic drug monitoring. <i>Journal of Separation Science</i> , 2014 , 37, 3603-9	3.4	1
56	A Comparative Study of Newly Developed HPLC-DAD and UHPLC-UV Assays for the Determination of Posaconazole in Bulk Powder and Suspension Dosage Form. <i>Journal of Analytical Methods in Chemistry</i> , 2014 , 2014, 241035	2	9
55	Contribution of a Simple Bioassay in Effective Therapeutic Drug Monitoring of Posaconazole and Voriconazole. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 685-8	3.2	5
54	Itraconazole solid dispersion prepared by a supercritical fluid technique: preparation, in vitro characterization, and bioavailability in beagle dogs. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2801-10	4.4	12
53	High Performance Liquid Chromatographic Assay for the Simultaneous Determination of Posaconazole and Vincristine in Rat Plasma. <i>International Journal of Analytical Chemistry</i> , 2015 , 2015, 743915	1.4	4
52	Role of therapeutic drug monitoring in pulmonary infections: use and potential for expanded use of dried blood spot samples. <i>Bioanalysis</i> , 2015 , 7, 481-95	2.1	17
51	Selective and rapid determination of raltegravir in human plasma by liquid chromatography-tandem mass spectrometry in the negative ionization mode. <i>Journal of Pharmaceutical Analysis</i> , 2015 , 5, 101-109	14	2
50	Variability of voriconazole plasma concentrations after allogeneic hematopoietic stem cell transplantation: impact of cytochrome p450 polymorphisms and comedications on initial and subsequent trough levels. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2305-14	5.9	42
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48	Successful Treatment of a Pacemaker Infection with Intraperitoneal Daptomycin. <i>Peritoneal Dialysis International</i> , 2016 , 36, 114-7	2.8	6
47	Determination of Ciprofloxacin in Human Serum by Online Heart-Cutting Liquid Chromatography. <i>Chromatographia</i> , 2016 , 79, 137-144	2.1	1
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45	Recent developments in the chromatographic bioanalysis of approved kinase inhibitor drugs in oncology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 130, 244-263	3.5	24
44	Electrochemical oxidation behavior of itraconazole at different electrodes and its anodic stripping determination in pharmaceuticals and biological fluids. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 763, 51-62	4.1	22
43	Simultaneous determination of ceftaroline, daptomycin, linezolid and rifampicin concentrations in human plasma by on-line solid phase extraction coupled to high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 148, 17-24	3.5	19
42	Development and Validation of Voriconazole Concentration by LC-MS-MS: Applied in Clinical Implementation. <i>Journal of Clinical Laboratory Analysis</i> , 2017 , 31,	3	12
41	An ultra performance liquid chromatography-tandem mass spectrometry method for the therapeutic drug monitoring of isavuconazole and seven other antifungal compounds in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1046, 26-33	3.2	23

40	Advances in Clinical Mass Spectrometry. <i>Advances in Clinical Chemistry</i> , 2017 , 79, 153-198	5.8	11
39	Ultra-fast quantitation of voriconazole in human plasma by coated blade spray mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 106-111	3.5	31
38	Antineoplastic drugs and their analysis: a state of the art review. <i>Analyst, The</i> , 2017 , 142, 2273-2321	5	23
37	Development of a liquid chromatography tandem mass spectrometry method for the simultaneous measurement of voriconazole, posaconazole and itraconazole. <i>Annals of Clinical Biochemistry</i> , 2017 , 54, 686-695	2.2	4
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35	A Disposable Carbon Nanotubes-screen Printed Electrode (CNTs-SPE) for Determination of the Antifungal Agent Posaconazole in Biological Samples. <i>Electroanalysis</i> , 2017 , 29, 843-849	3	13
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23	Microextraction by Packed Molecularly Imprinted Polymer Combined Ultra-High-Performance Liquid Chromatography for the Determination of Levofloxacin in Human Plasma. <i>Journal of Chemistry</i> , 2019 , 2019, 1-9	2.3	6

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19	Integrating anatomic-physiological changes and pharmacogenomics in anti-infective therapy management: is it a major concern?. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 263-265	3.8	2
18	Separation and Identification of Isomeric and Structurally Related Synthetic Cannabinoids Using 2D Liquid Chromatography and High Resolution Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2019 , 43, 170-178	2.9	4
17	Development and validation of a volumetric absorptive microsampling assay for analysis of voriconazole and voriconazole N-oxide in human whole blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 67-75	3.2	13
16	Effect of cyclosporine a and polymorphisms in and on the concentration of voriconazole in patients undergoing allogeneic hematopoietic stem cell transplantation. <i>Xenobiotica</i> , 2020 , 50, 614-619	2	4
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13	Variability of voriconazole concentrations in patients with hematopoietic stem cell transplantation and hematological malignancies: influence of loading dose, procalcitonin, and pregnane X receptor polymorphisms. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 515-523	2.8	8
12	Development and validation of a UPLC-MS/MS method for simultaneous quantification of levofloxacin, ciprofloxacin, moxifloxacin and rifampicin in human plasma: Application to the therapeutic drug monitoring in osteoarticular infections. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 183, 113137	3.5	8
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