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Quantitative determination of penicillin V and amoxicillin in feed samples by pressurised liquid extraction and liquid chromatography with ultraviolet detection

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#	Paper	IF	Citations
84	Analytical methodologies for the detection of $\beta$ -lactam antibiotics in milk and feed samples. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2009</b> , 28, 729-744	14.6	113
83	Quantitative analysis of penicillins in porcine tissues, milk and animal feed using derivatisation with piperidine and stable isotope dilution liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 3027-40	4.4	35
82	Determination of pharmaceuticals in environmental and biological matrices using pressurised liquid extraction--are we developing sound extraction methods?. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2447-70	4.5	62
81	Development and validation of a pressurised liquid extraction liquid chromatography-electrospray-tandem mass spectrometry method for beta-lactams and sulfonamides in animal feed. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4247-54	4.5	53
80	Development of a multi-class method for the quantification of veterinary drug residues in feedingstuffs by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6394-404	4.5	118
79	Mixed micelle-cloud point extraction for the analysis of penicillin residues in bovine milk by high performance liquid chromatography. <i>Talanta</i> , <b>2010</b> , 81, 486-92	6.2	51
78	Multiresidue determination of antibiotics in feed and fish samples for food safety evaluation. Comparison of immunoassay vs LC-MS-MS. <i>Food Control</i> , <b>2011</b> , 22, 993-999	6.2	69
77	On the use of Kinetex( $\mu$ -C(18) core-shell 2.6 $\mu$ m stationary phase to the multiclass determination of antibiotics. <i>Drug Testing and Analysis</i> , <b>2011</b> , 3, 234-44	3.5	14
76	Analysis of Fluoroquinolones in Animal Feed Based on Microwave-Assisted Extraction by LC-MS-MS Determination. <i>Chromatographia</i> , <b>2011</b> , 74, 267-274	2.1	14
75	Application of a liquid chromatographic procedure for the analysis of penicillin antibiotics in biological fluids and pharmaceutical formulations using sodium dodecyl sulphate/propanol mobile phases and direct injection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4972-81	4.5	18
74	Analysis of antimicrobial agents in animal feed. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 1042-1064	4.6	44
73	Molecular Imprinting: Mimicking Molecular Receptors for Antioxidants. <i>Materials Science Forum</i> , <b>2011</b> , 675-677, 515-520	0.4	8
72	High performance liquid chromatography for the simultaneous analysis of penicillin residues in beef and milk using ion-paired extraction and binary water-acetonitrile mixture. <i>Talanta</i> , <b>2012</b> , 92, 38-44	6.2	33
71	Voltammetric determination of penicillin V in pharmaceutical formulations and human urine using a boron-doped diamond electrode. <i>Bioelectrochemistry</i> , <b>2012</b> , 88, 36-41	5.6	40
70	Assessment of $\beta$ -lactams retention in hydrophilic interaction chromatography applying Box-Behnken design. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1424-31	3.4	11
69	Simultaneous determination of paracetamol and penicillin V by square-wave voltammetry at a bare boron-doped diamond electrode. <i>Electrochimica Acta</i> , <b>2012</b> , 68, 227-234	6.7	77
68	Developing a microbiological growth inhibition screening assay for the detection of 27 veterinary drugs from 13 different classes in animal feedingstuffs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 1870-87	3.2	3

67	Determination and depletion of amoxicillin residues in eggs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 670-7	3.2	13
66	DEVELOPMENT AND VALIDATION OF AN LC-DAD METHOD FOR THE ROUTINE ANALYSIS OF RESIDUAL QUINOLONES IN FISH EDIBLE TISSUE AND FISH FEED. APPLICATION TO FARMED GILTHEAD SEA BREAM FOLLOWING DIETARY ADMINISTRATION. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2014</b> , 37, 2142-2161	1.3	9
65	Determination of penicillin G in milk samples using its effect on cloud point extraction of triiodide ion. <i>Journal of AOAC INTERNATIONAL</i> , <b>2014</b> , 97, 1225-9	1.7	1
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53	Validated HPLC-UV detection method for the simultaneous determination of ceftolozane and tazobactam in human plasma. <i>Bioanalysis</i> , <b>2018</b> , 10, 461-473	2.1	5
52	Fluorescent Zn-PDC/Tb Coordination Polymer Nanostructure: A Candidate for Highly Selective Detections of Cefixime Antibiotic and Acetone in Aqueous System. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 1417-1425	5.1	78
51	Electrochemical determination of tetracycline using AuNP-coated molecularly imprinted overoxidized polypyrrole sensing interface. <i>Electrochimica Acta</i> , <b>2018</b> , 270, 535-542	6.7	65
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47	Determination of antibiotics in feedstuff samples by microemulsion electrokinetic chromatography using fullerene as additive. <i>Electrophoresis</i> , <b>2018</b> , 39, 2228-2235	3.6	4
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44	A heterometallic sodium(i)-europium(iii)-organic layer exhibiting dual-responsive luminescent sensing for nitrofurantoin antibiotics, CrO and MnO anions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1823-1834	4.3	63
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