

Pascal Sanders

List of Publications by Year in descending order

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93
papers

3,661
citations

147801

31
h-index

144013

57
g-index

100
all docs

100
docs citations

100
times ranked

4216
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on methicillin-resistant <i>Staphylococcus pseudintermedius</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2705-2714.	3.0	213
2	Public health risk of antimicrobial resistance transfer from companion animals. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw481.	3.0	198
3	Use of colistin-containing products within the European Union and European Economic Area (EU/EEA): development of resistance in animals and possible impact on human and animal health. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 297-306.	2.5	193
4	EMA and EFSA Joint Scientific Opinion on measures to reduce the need to use antimicrobial agents in animal husbandry in the European Union, and the resulting impacts on food safety (RONAFA). <i>EFSA Journal</i> , 2017, 15, e04666.	1.8	137
5	What do we know about resistance to colistin in Enterobacteriaceae in avian and pig production in Europe?. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 379-383.	2.5	124
6	Multi-residue monitoring for the simultaneous determination of five nitrofurans (furazolidone,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 55</i>		
6	detection of their five major metabolites (AOZ, AMOZ, SEM, AHD, DNSAH) by liquid chromatography coupled to electrospray tandem mass spectrometryâ€”In-house validation in line with Commission Decision 657/2002/EC. <i>Analytica Chimica Acta</i> , 2007, 586, 336-347.	5.4	123
7	Risk assessment of coccidostatics during feed cross-contamination: Animal and human health aspects. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 196-208.	2.8	122
8	Reflection paper on MRSA in food-producing and companion animals: epidemiology and control options for human and animal health. <i>Epidemiology and Infection</i> , 2010, 138, 626-644.	2.1	118
9	Macrolides and lincosamides in cattle and pigs: Use and development of antimicrobial resistance. <i>Veterinary Journal</i> , 2014, 200, 230-239.	1.7	109
10	Prevalence of mcr-1 in commensal <i>Escherichia coli</i> from French livestock, 2007 to 2014. <i>Eurosurveillance</i> , 2016, 21, .	7.0	101
11	Pleuromutilins: use in food-producing animals in the European Union, development of resistance and impact on human and animal health. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2022-2031.	3.0	96
12	Antimicrobial resistance in <i>Campylobacter</i> from broilers: association with production type and antimicrobial use. <i>Veterinary Microbiology</i> , 2003, 96, 267-276.	1.9	94
13	Recovery of <i>Campylobacter jejuni</i> from surfaces of poultry slaughterhouses after cleaning and disinfection procedures: Analysis of a potential source of carcass contamination. <i>International Journal of Food Microbiology</i> , 2008, 124, 188-194.	4.7	75
14	Validation of a liquid chromatography-tandem mass spectrometry screening method to monitor 58 antibiotics in milk: a qualitative approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 1459-1471.	2.3	73
15	Tests for determining in-use concentrations of antibiotics and disinfectants are based on entirely different concepts: â€œResistanceâ€•has different meanings. <i>International Journal of Food Microbiology</i> , 2010, 136, 247-254.	4.7	72
16	Antimicrobial susceptibility of <i>Streptococcus suis</i> isolated from swine in France and from humans in different countries between 1996 and 2000. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 50, 201-209.	3.0	66
17	Simultaneous determination of six quinolones in pig muscle by liquid chromatography-atmospheric pressure chemical ionisation mass spectrometryâ€•. <i>Analyst, The</i> , 1998, 123, 2743-2747.	3.5	65
18	Harmonised monitoring of antimicrobial resistance in <i>Salmonella</i> and <i>Campylobacter</i> isolates from food animals in the European Union. <i>Clinical Microbiology and Infection</i> , 2008, 14, 522-533.	6.0	65

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19	Multiresidue Method for Simultaneous Determination of Ten Quinolone Antibacterial Residues in Multimatrix/Multispecies Animal Tissues by Liquid Chromatography with Fluorescence Detection: Single Laboratory Validation Study. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1179-1192.	1.5	64
20	The antimicrobial resistome in relation to antimicrobial use and biosecurity in pig farming, a metagenome-wide association study in nine European countries. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 865-876.	3.0	63
21	Evaluation of the limit of performance of an analytical method based on a statistical calculation of its critical concentrations according to ISO standard 11843: Application to routine control of banned veterinary drug residues in food according to European Decision 657/2002/EC. <i>Accreditation and Quality Assurance</i> , 2006, 11, 58-62.	0.8	60
22	A survey of group-level antibiotic prescriptions in pig production in France. <i>Preventive Veterinary Medicine</i> , 2002, 55, 109-120.	1.9	59
23	The crucial question of standardisation when measuring drug consumption. <i>Veterinary Research</i> , 2001, 32, 533-543.	3.0	55
24	Validation of a multi-residue liquid chromatography-tandem mass spectrometry confirmatory method for 10 anticoccidials in eggs according to Commission Decision 2002/657/EC. <i>Journal of Chromatography A</i> , 2009, 1216, 8149-8157.	3.7	52
25	Simultaneous determination of enrofloxacin and ciprofloxacin in animal biological fluids by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1999, 726, 175-184.	1.7	49
26	Associations between antimicrobial use and the faecal resistome on broiler farms from nine European countries. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2596-2604.	3.0	49
27	The use of aminoglycosides in animals within the EU: development of resistance in animals and possible impact on human and animal health: a review. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2480-2496.	3.0	46
28	Influence of Inoculum Size and Marbofloxacin Plasma Exposure on the Amplification of Resistant Subpopulations of <i>Klebsiella pneumoniae</i> in a Rat Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4740-4748.	3.2	41
29	Phenotypes and genotypes of campylobacter strains isolated after cleaning and disinfection in poultry slaughterhouses. <i>Veterinary Microbiology</i> , 2008, 128, 313-326.	1.9	36
30	Lack of genotoxicity of potassium iodate in the alkaline comet assay and in the cytokinesis-block micronucleus test. Comparison to potassium bromate. <i>Food and Chemical Toxicology</i> , 2004, 42, 203-209.	3.6	34
31	Results of a European proficiency test for the detection of streptomycin/dihydrostreptomycin, gentamicin and neomycin in milk by ELISA and biosensor methods. <i>Analytica Chimica Acta</i> , 2005, 529, 273-283.	5.4	34
32	Impact of antimicrobial drug usage measures on the identification of heavy users, patterns of usage of the different antimicrobial classes and time-trends evolution. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008, 31, 301-311.	1.3	34
33	Dietary Proteins Contribute Little to Glucose Production, Even Under Optimal Gluconeogenic Conditions in Healthy Humans. <i>Diabetes</i> , 2013, 62, 1435-1442.	0.6	34
34	Integration of PK/PD for dose optimization of Cefquinome against <i>Staphylococcus aureus</i> causing septicemia in cattle. <i>Frontiers in Microbiology</i> , 2015, 6, 588.	3.5	32
35	Trends in antimicrobial resistance phenotypes in non-typhoid <i>Salmonella</i> from human and poultry origins in France. <i>Epidemiology and Infection</i> , 2006, 134, 171-178.	2.1	31
36	Liquid chromatography-electrospray tandem mass spectrometric method for quantification of monensin in plasma and edible tissues of chicken used in pharmacokinetic studies: Applying a total error approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 15-23.	2.3	31

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37	Application of PK/PD Modeling in Veterinary Field: Dose Optimization and Drug Resistance Prediction. <i>BioMed Research International</i> , 2016, 2016, 1-12.	1.9	31
38	Attribution of the French human Salmonellosis cases to the main food-sources according to the type of surveillance data. <i>Preventive Veterinary Medicine</i> , 2013, 110, 12-27.	1.9	30
39	New trends in regulatory rules and surveillance of antimicrobial resistance in bacteria of animal origin. <i>Veterinary Research</i> , 2001, 32, 381-392.	3.0	29
40	Identification of tylosin in bovine muscle at the maximum residue limit level by liquid chromatography-mass spectrometry, using a particle beam interface. <i>Analyst</i> , 1994, 119, 2717-2721.	3.5	28
41	Marine toxin okadaic acid induces aneuploidy in CHO-K1 cells in presence of rat liver postmitochondrial fraction, revealed by cytokinesis-block micronucleus assay coupled to FISH. <i>Environmental Toxicology</i> , 2004, 19, 123-128.	4.0	28
42	A pharmaco-epidemiological analysis of factors associated with antimicrobial consumption level in turkey broiler flocks. <i>Veterinary Research</i> , 2005, 36, 199-211.	3.0	28
43	Impact of residual and therapeutic doses of ciprofloxacin in the human-flora-associated mice model. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 42, 151-160.	2.7	24
44	AFNOR validation of Premi®Test, a microbiological-based screening tube-test for the detection of antimicrobial residues in animal muscle tissue. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 1451-1464.	2.3	24
45	Pharmacodynamic Modeling of <i>In Vitro</i> Activity of Marbofloxacin against <i>Escherichia coli</i> Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 756-761.	3.2	24
46	Pharmacokinetic/pharmacodynamic assessment of the effects of parenteral administration of a fluoroquinolone on the intestinal microbiota: Comparison of bactericidal activity at the gut versus the systemic level in a pig model. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 429-435.	2.5	24
47	Confirmatory analysis for spiramycin residue in bovine muscle by liquid chromatography/particle beam mass spectrometry. <i>Biological Mass Spectrometry</i> , 1994, 23, 369-375.	0.5	21
48	Emergence of Resistant <i>Klebsiella pneumoniae</i> in the Intestinal Tract during Successful Treatment of <i>Klebsiella pneumoniae</i> Lung Infection in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2960-2964.	3.2	21
49	In vitro combined cytotoxic effects of pesticide cocktails simultaneously found in the French diet. <i>Food and Chemical Toxicology</i> , 2013, 52, 153-162.	3.6	21
50	Particle beam liquid chromatography-mass spectrometry method with negative ion chemical ionization for the confirmation of oxacillin, cloxacillin and dicloxacillin residues in bovine muscle. <i>Analyst</i> , 1994, 119, 2731-2736.	3.5	19
51	A pilot study for the intrinsic labeling of egg proteins with ¹⁵ N and ¹³ C. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 43-48.	1.5	19
52	Determination of chloramphenicol in muscle using a particle beam interface for combining liquid chromatography with negative-ion chemical ionization mass spectrometry. <i>Biomedical Applications</i> , 1992, 582, 113-121.	1.7	18
53	Combined Antimicrobial Resistance in <i>Enterococcus faecium</i> Isolated from Chickens. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2796-2799.	3.1	18
54	Validation of a Biacore Method for Screening Eight Sulfonamides in Milk and Porcine Muscle Tissues According to European Decision 2002/657/EC. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1706-1715.	1.5	17

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55	Bioavailability, distribution and depletion of monensin in chickens. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009, 32, 451-456.	1.3	17
56	An original system for the continuous monitoring of antimicrobial use in poultry production in France. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2005, 28, 515-523.	1.3	16
57	Estimation of transmission parameters of a fluoroquinolone-resistant <i>Escherichia coli</i> strain between pigs in experimental conditions. <i>Veterinary Research</i> , 2011, 42, 44.	3.0	16
58	Subtyping of <i>Salmonella</i> Typhimurium by pulsed-field gel electrophoresis and comparisons with phage types and resistance types. <i>Pathologie Et Biologie</i> , 2002, 50, 361-368.	2.2	15
59	Proficiency study for the determination of nitrofurans metabolites in shrimps. <i>Food Additives and Contaminants</i> , 2006, 23, 569-578.	2.0	15
60	Comparison of the oral bioavailability and tissue disposition of monensin and salinomycin in chickens and turkeys. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 73-81.	1.3	15
61	The Bayesian Microbial Subtyping Attribution Model: Robustness to Prior Information and a Proposition. <i>Risk Analysis</i> , 2013, 33, 397-408.	2.7	15
62	Determination of spiramycin and neospiramycin in plasma and milk of lactating cows by reversed-phase high-performance liquid chromatography. <i>Biomedical Applications</i> , 1994, 657, 219-226.	1.7	14
63	Comparative study of three screening tests, two microbiological tube tests, and a multi-sulphonamide ELISA kit for the detection of antimicrobial and sulphonamide residues in eggs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 427-440.	2.3	14
64	Use of avilamycin for growth promotion and avilamycin-resistance among <i>Enterococcus faecium</i> from broilers in a matched case-control study in France. <i>Preventive Veterinary Medicine</i> , 2005, 70, 155-163.	1.9	13
65	Comparison of faecal and optimal growth conditions on in vitro pharmacodynamic activity of marbofloxacin against <i>Escherichia coli</i> . <i>Research in Veterinary Science</i> , 2006, 80, 324-335.	1.9	13
66	Validation of a Biacore method for screening eight sulfonamides in milk and porcine muscle tissues according to European decision 2002/657/EC. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1706-15.	1.5	13
67	Chloramphenicol and oxytetracycline residues in milk and tissues from cows and bullocks treated with an injectable formulation. <i>Food Additives and Contaminants</i> , 1989, 6, 467-473.	2.0	12
68	Prevalence of high-level vancomycin-resistant enterococci in French broilers and pigs. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 463-464.	2.5	12
69	Determination of flumequine and 7-hydroxyflumequine in plasma of sheep by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1998, 712, 263-268.	1.7	11
70	Effects of griseofulvin in medium-term liver carcinogenesis assay and peripheral blood micronucleus test in rat. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2001, 21, 441-451.	0.8	11
71	Impact of ciprofloxacin in the human-flora-associated (HFA) rat model: Comparison with the HFA mouse model. <i>Regulatory Toxicology and Pharmacology</i> , 2006, 45, 66-78.	2.7	11
72	Low in vitro permeability of the cyanotoxin microcystin-LR across a Caco-2 monolayer: With identification of the limiting factors using modelling. <i>Toxicon</i> , 2014, 91, 5-14.	1.6	11

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73	Should the Increased Awareness of the One Health Approach Brought by the COVID-19 Pandemic Be Used to Further Tackle the Challenge of Antimicrobial Resistance?. <i>Antibiotics</i> , 2021, 10, 464.	3.7	11
74	Antibiotic Susceptibility of Bacteria Isolated from Pasteurized Milk and Characterization of Macrolide-Lincosamide-Streptogramin Resistance Genes. <i>Journal of Food Protection</i> , 2005, 68, 347-352.	1.7	10
75	The Monitoring of Triphenylmethane Dyes in Aquaculture Products Through the European Union Network of Official Control Laboratories. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 649-657.	1.5	10
76	Multiresidue method for simultaneous determination of ten quinolone antibacterial residues in multimatrix/multispecies animal tissues by liquid chromatography with fluorescence detection: single laboratory validation study. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1179-92.	1.5	10
77	Antibiotic resistance in bacteria of animal origin: methods in use to monitor resistance in EU countries. <i>International Journal of Antimicrobial Agents</i> , 2000, 15, 311-322.	2.5	9
78	Pharmaco-epidemiology and -economics should be developed more extensively in veterinary medicine. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2002, 25, 455-459.	1.3	8
79	European proficiency testing of national reference laboratories for the confirmation of sulfonamide residues in muscle and milk. <i>Food Additives and Contaminants</i> , 2005, 22, 221-233.	2.0	8
80	Cytochrome P450-dependent metabolism of monensin in hepatic microsomes from chickens and turkeys. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008, 31, 584-586.	1.3	8
81	Risk Factors for Antimicrobial Resistance in Turkey Farms: A Cross-Sectional Study in Three European Countries. <i>Antibiotics</i> , 2021, 10, 820.	3.7	8
82	Residues of lindane in plasma and fat of sheep after dipping. <i>Food Additives and Contaminants</i> , 1988, 5, 51-58.	2.0	7
83	Results of a European interlaboratory study for the determination of oxytetracycline in pig muscle by HPLC. <i>Analyst</i> , 1998, 123, 2767-2771.	3.5	6
84	Determination of Residues of Flumequine and 7-Hydroxyflumequine in Edible Sheep Tissues by Liquid Chromatography with Fluorimetric and Ultraviolet Detection. <i>Journal of AOAC INTERNATIONAL</i> , 1998, 81, 519-527.	1.5	5
85	Application of pharmacokinetic/pharmacodynamic and stochastic modelling to 6-mercaptopurine micronucleus induction in mouse bone marrow erythrocytes. <i>Journal of Applied Toxicology</i> , 2003, 23, 59-70.	2.8	4
86	Invoices and farmer interviews for vaccine-exposure measurement in turkey-broiler production. <i>Preventive Veterinary Medicine</i> , 2005, 69, 297-308.	1.9	4
87	Risk assessment of coccidiostats after cross-contamination of feed: Implications for animal and human health. <i>Toxicology Letters</i> , 2008, 180, S61.	0.8	3
88	Implementation and assessment of the quality management system in research in a laboratory of the French Food Safety Agency: application to PhD student work. <i>Accreditation and Quality Assurance</i> , 2009, 14, 207-217.	0.8	3
89	Stochastic modeling in toxicokinetics. Application to the in vivo micronucleus assay. <i>Mathematical Biosciences</i> , 2001, 169, 27-51.	1.9	2
90	Antimicrobial resistance in <i>Campylobacter</i> from broilers: association with production type and antimicrobial use. <i>Veterinary Microbiology</i> , 2003, 96, 267-267.	1.9	2

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91	Comment on "Impact of antibiotic use in the swine industry", by Mary D. Barton [Curr. Opin. Microbiol. 19 (June 2014) 9-15]. Current Opinion in Microbiology, 2015, 26, 137-138.	5.1	2
92	Antibiotic Use in Animals "Policies and Control Measures Around Europe. , 2005, , 649-672.		1
93	Methods for the assay of chloramphenicol and two of its metabolites in broiler tissues using two liquid chromatographic methods. Analytica Chimica Acta, 1993, 275, 305-311.	5.4	0