

Matthias Filter

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

956
citations

567247

15
h-index

454934

30
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57
all docs

57
docs citations

57
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Virulence genotype of <i>Pasteurella multocida</i> strains isolated from different hosts with various disease status. <i>Veterinary Microbiology</i> , 2006, 114, 304-317.	1.9	180
2	Thermal Stability of Hepatitis E Virus as Estimated by a Cell Culture Method. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4225-4231.	3.1	92
3	Thermal stability of hepatitis E virus assessed by a molecular biological approach. <i>Virology Journal</i> , 2011, 8, 487.	3.4	77
4	Impact of the probiotic bacteria <i>Enterococcus faecium</i> NCIMB 10415 (SF68) and <i>Bacillus cereus</i> var. <i>toyoi</i> NCIMB 40112 on the development of serum IgG and faecal IgA of sows and their piglets. <i>Archives of Animal Nutrition</i> , 2007, 61, 223-234.	1.8	64
5	Isolation and Characterization of Intestinal <i>Escherichia coli</i> Clones from Wild Boars in Germany. <i>Applied and Environmental Microbiology</i> , 2009, 75, 695-702.	3.1	53
6	Survival of <i>Brucella</i> spp. in mineral water, milk and yogurt. <i>International Journal of Food Microbiology</i> , 2011, 145, 326-330.	4.7	50
7	ExPEC-typical virulence-associated genes correlate with successful colonization by intestinal <i>E. coli</i> in a small piglet group. <i>Environmental Microbiology</i> , 2008, 10, 1742-1751.	3.8	47
8	Identification of Noncanonical Melanoma-Associated T Cell Epitopes for Cancer Immunotherapy. <i>Journal of Immunology</i> , 2005, 174, 6716-6724.	0.8	32
9	A one health glossary to support communication and information exchange between the human health, animal health and food safety sectors. <i>One Health</i> , 2021, 13, 100263.	3.4	28
10	FoodChain-Lab: A Trace-Back and Trace-Forward Tool Developed and Applied during Food-Borne Disease Outbreak Investigations in Germany and Europe. <i>PLoS ONE</i> , 2016, 11, e0151977.	2.5	27
11	Effects of <i>Bacillus cereus</i> var. <i>toyoi</i> on immune parameters of pregnant sows. <i>Veterinary Immunology and Immunopathology</i> , 2009, 127, 26-37.	1.2	24
12	Harmonized terms, concepts and metadata for microbiological risk assessment models: The basis for knowledge integration and exchange. <i>Microbial Risk Analysis</i> , 2018, 10, 3-12.	2.3	24
13	A Likelihood-Based Approach to Identifying Contaminated Food Products Using Sales Data: Performance and Challenges. <i>PLoS Computational Biology</i> , 2014, 10, e1003692.	3.2	21
14	Towards transparent and consistent exchange of knowledge for improved microbiological food safety. <i>Current Opinion in Food Science</i> , 2018, 19, 129-137.	8.0	21
15	FSK-Lab – An open source food safety model integration tool. <i>Microbial Risk Analysis</i> , 2018, 10, 13-19.	2.3	21
16	STEM: An Open Source Tool for Disease Modeling. <i>Health Security</i> , 2019, 17, 291-306.	1.8	16
17	Predictive models for thermal inactivation of human norovirus and surrogates in strawberry puree. <i>Food Control</i> , 2019, 96, 87-97.	5.5	16
18	Studies on the effect of an <i>Enterococcus faecium</i> probiotic on T cell populations in peripheral blood and intestinal epithelium and on the susceptibility to <i>Salmonella</i> during a challenge infection with <i>Salmonella</i> Typhimurium in piglets. <i>Archives of Animal Nutrition</i> , 2011, 65, 415-430.	1.8	15

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19	Physical and transcriptional map of the critical region for keratolytic winter erythema (KWE) on chromosome 8p22-p23 between D8S550 and D8S1759. <i>European Journal of Human Genetics</i> , 2002, 10, 17-25.	2.8	14
20	One Health Surveillance Codex: promoting the adoption of One Health solutions within and across European countries. <i>One Health</i> , 2021, 12, 100233.	3.4	13
21	Enterobacteriaceae populations during experimental <i>Salmonella</i> infection in pigs. <i>Veterinary Microbiology</i> , 2010, 142, 352-360.	1.9	12
22	Antimicrobial resistances do not affect colonization parameters of intestinal <i>E. coli</i> in a small piglet group. <i>Gut Pathogens</i> , 2009, 1, 18.	3.4	11
23	Expert systems for food safety. <i>Current Opinion in Food Science</i> , 2015, 6, 61-65.	8.0	10
24	Influence of an <i>Enterococcus faecium</i> probiotic on the development of Peyer's patches B cells in piglets. <i>Archives of Animal Nutrition</i> , 2009, 63, 343-355.	1.8	9
25	A Strategy for the Identification of Canonical and Non-canonical MHC-II-binding Epitopes Using an ANN-based Epitope Prediction Algorithm. <i>QSAR and Combinatorial Science</i> , 2006, 25, 350-358.	1.4	7
26	Accelerating investigation of food-borne disease outbreaks using pro-active geospatial modeling of food supply chains. , 2012, , .		7
27	A Generic Open-Source Software Framework Supporting Scenario Simulations in Bioterrorist Crises. <i>Biosecurity and Bioterrorism</i> , 2013, 11, S134-S145.	1.2	7
28	Survival of <i>Trichinella spiralis</i> in cured meat products. <i>Veterinary Parasitology</i> , 2020, 287, 109260.	1.8	6
29	Open Science meets Food Modelling: Introducing the Food Modelling Journal (FMJ). <i>Food Modelling Journal</i> , 0, 1, .	0.0	6
30	Towards efficient use of data, models and tools in food microbiology. <i>Current Opinion in Food Science</i> , 2022, 46, 100834.	8.0	5
31	Development of a Comparative Risk Ranking System for Agents Posing a Bioterrorism Threat to Human or Animal Populations. <i>Biosecurity and Bioterrorism</i> , 2013, 11, S3-S16.	1.2	4
32	Realizing virtual research environments for the agricultural food community: The AGINFRA PLUS experience. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6087.	2.2	4
33	Minimum Information Required to Annotate Food Safety Risk Assessment Models (MIRARAM). <i>Food Research International</i> , 2021, 139, 109952.	6.2	4
34	Big Data in Agricultural and Food Research: Challenges and Opportunities of an Integrated Big Data E-infrastructure. <i>Studies in Big Data</i> , 2019, , 129-150.	1.1	4
35	Towards a Food Safety Knowledge Base Applicable in Crisis Situations and Beyond. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	3
36	Towards Community Driven Food Safety Model Repositories. <i>Procedia Food Science</i> , 2016, 7, 105-108.	0.6	3

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37	Project DEMETER: Concept Note for an Emerging Risks Knowledge Exchange Platform (ERKEP) Framework. EFSA Supporting Publications, 2018, 15, 1524E.	0.7	3
38	Establishment of a prototypic Quantitative Microbial Risk Assessment (QMRA) food and feed safety model repository. EFSA Supporting Publications, 2019, 16, 1701E.	0.7	3
39	Determination and Metrics for Emerging Risks Identification DEMETER: Final Report. EFSA Supporting Publications, 2020, 17, 1889E.	0.7	3
40	FoodChain-lab: Tracing Software Supporting Foodborne Disease Outbreak Investigations. Procedia Food Science, 2016, 7, 101-104.	0.6	2
41	Exploitation of Commercial B2B Data for Risk Assessment Tasks in Foodborne Crisis Events. Communications in Computer and Information Science, 2012, , 471-474.	0.5	2
42	Bioinformatics: From Peptides to Profiled Leads. , 0, , 1771-1801.		2
43	An Open-Source Community Resource for Creating, Collecting, Sharing and Applying Predictive Microbial Models (PMM-Lab). Communications in Computer and Information Science, 2012, , 462-465.	0.5	1
44	Reprint of: Survival of Trichinella spiralis in cured meat products. Veterinary Parasitology, 2021, 297, 109544.	1.8	1
45	Temperature-Dependent Growth Characteristics of Bacillus thuringiensis in a Ratatouille Food Model. Journal of Food Protection, 2020, 83, 816-820.	1.7	1
46	The Glossaryfication Web Service – an automated glossary creation tool to support One Health communication. ARPHA Conference Abstracts, 0, 4, .	0.0	0
47	Making Linked Data accessible for One Health Surveillance with the "One Health Linked Data Toolbox". ARPHA Conference Abstracts, 0, 4, .	0.0	0
48	DARWINIZER® – a Computer Based Method for Peptide and Peptidomimetics Design. , 2001, , 430-431.		0
49	One Health Consensus Report Annotation Checklist (<sc>OH&CRAC</sc>): A cross§or checklist to support harmonized annotation of surveillance data in reports. Zoonoses and Public Health, 0, , .	2.2	0