

# Ralf Dieckmann

## List of Publications by Year in descending order

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49  
papers

2,193  
citations

218677

26  
h-index

223800

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Classification and Identification of Salmonellae at the Species and Subspecies Levels by Whole-Cell Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7767-7778.	3.1	236
2	Rapid Screening of Epidemiologically Important <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovars by Whole-Cell Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4136-4146.	3.1	145
3	The <i>Trichoderma brevicompactum</i> clade: a separate lineage with new species, new peptaibiotics, and mycotoxins. <i>Mycological Progress</i> , 2008, 7, 177-219.	1.4	136
4	Pathogenic vibrios in environmental, seafood and clinical sources in Germany. <i>International Journal of Medical Microbiology</i> , 2014, 304, 843-850.	3.6	124
5	Hassallidin A, a Glycosylated Lipopeptide with Antifungal Activity from the Cyanobacterium <i>Hassallia</i> sp.. <i>Journal of Natural Products</i> , 2005, 68, 695-700.	3.0	97
6	Overview of validated alternative methods for the detection of foodborne bacterial pathogens. <i>Trends in Food Science and Technology</i> , 2017, 62, 113-118.	15.1	87
7	FISHing for bacteria in food – A promising tool for the reliable detection of pathogenic bacteria?. <i>Food Microbiology</i> , 2015, 46, 395-407.	4.2	84
8	Nonribosomal Peptide Synthesis in <i>Schizosaccharomyces pombe</i> and the Architectures of Ferrichrome-Type Siderophore Synthetases in Fungi. <i>ChemBioChem</i> , 2006, 7, 612-622.	2.6	83
9	Intact-cell MALDI-TOF mass spectrometry analysis of peptaibol formation by the genus <i>Trichoderma/Hypocrea</i> : can molecular phylogeny of species predict peptaibol structures?. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3417-3437.	1.8	77
10	The Production of Multiple Small Peptaibol Families by Single 14-Module Peptide Synthetases in <i>Trichoderma/Hypocrea</i> . <i>Chemistry and Biodiversity</i> , 2012, 9, 499-535.	2.1	66
11	Characterization of <i>Yersinia</i> Using MALDI-TOF Mass Spectrometry and Chemometrics. <i>Analytical Chemistry</i> , 2010, 82, 8464-8475.	6.5	60
12	Peptaibol, Secondary Metabolite, and Hydrophobin Pattern of Commercial Biocontrol Agents Formulated with Species of the <i>Trichoderma harzianum</i> Complex. <i>Chemistry and Biodiversity</i> , 2015, 12, 662-684.	2.1	57
13	Barettin, revisited?. <i>Tetrahedron Letters</i> , 2002, 43, 3385-3386.	1.4	51
14	Probing the domain structure and ligand-induced conformational changes by limited proteolysis of tyrocidine synthetase 1. <i>Journal of Molecular Biology</i> , 1999, 288, 129-140.	4.2	49
15	Direct identification of hydrophobins and their processing in <i>Trichoderma</i> using intact-cell MALDI-TOF MS. <i>FEBS Journal</i> , 2007, 274, 841-852.	4.7	49
16	Formation of Atroviridin by <i>Hypocrea atroviridis</i> Is Conidiation Associated and Positively Regulated by Blue Light and the G Protein GNA3. <i>Eukaryotic Cell</i> , 2007, 6, 2332-2342.	3.4	48
17	Polymerase Chain Reaction for the Rapid Detection and Serovar Identification of <i>Salmonella</i> in Food and Feeding Stuff. <i>Food Analytical Methods</i> , 2009, 2, 81-95.	2.6	47
18	Molecular Tracing to Find Source of Protracted Invasive Listeriosis Outbreak, Southern Germany, 2012-2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1680-1683.	4.3	47

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19	Algicide production by the filamentous cyanobacterium <i>Fischerella</i> sp. CENA 19. <i>Journal of Applied Phycology</i> , 2004, 16, 237-243.	2.8	43
20	The Risk of Bacterial Infection After Tattooing. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2016, 113, 665-671.	0.9	41
21	Spread of a Distinct Stx2-Encoding Phage Prototype among <i>Escherichia coli</i> O104:H4 Strains from Outbreaks in Germany, Norway, and Georgia. <i>Journal of Virology</i> , 2012, 86, 10444-10455.	3.4	39
22	Qualitative variation of alkaloids in color morphs of <i>Cystodytes</i> (Ascidiacea). <i>Biochemical Systematics and Ecology</i> , 2005, 33, 1107-1119.	1.3	38
23	Cell-free synthesis of functional thermostable direct hemolysins of <i>Vibrio parahaemolyticus</i> . <i>Toxicon</i> , 2013, 76, 132-142.	1.6	35
24	Genotypic Diversity and Virulence Characteristics of Clinical and Environmental <i>Vibrio vulnificus</i> Isolates from the Baltic Sea Region. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3570-3581.	3.1	34
25	Peptaibol Production by <i>Sepedonium</i> Strains Parasitizing Boletales. <i>Chemistry and Biodiversity</i> , 2007, 4, 1103-1115.	2.1	32
26	<i>Spongiibacter marinus</i> gen. nov., sp. nov., a halophilic marine bacterium isolated from the boreal sponge <i>Haliclona</i> sp. 1. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 585-590.	1.7	32
27	Rapid characterisation of <i>Klebsiella oxytoca</i> isolates from contaminated liquid hand soap using mass spectrometry, FTIR and Raman spectroscopy. <i>Faraday Discussions</i> , 2016, 187, 353-375.	3.2	29
28	Benzalkonium Chloride Induces a VBNC State in <i>Listeria monocytogenes</i> . <i>Microorganisms</i> , 2020, 8, 184.	3.6	28
29	Backtracking and forward checking of human listeriosis clusters identified a multiclonal outbreak linked to <i>Listeria monocytogenes</i> in meat products of a single producer. <i>Emerging Microbes and Infections</i> , 2020, 9, 1600-1608.	6.5	27
30	The Adenylation Domain of Tyrocidine Synthetase 1. Structural and Functional Role of the Interdomain Linker Region and the (S/T)GT(T/S)GXPKG Core Sequence. <i>FEBS Journal</i> , 1997, 247, 1074-1082.	0.2	23
31	Differential Regulation and Posttranslational Processing of the Class II Hydrophobin Genes from the Biocontrol Fungus <i>Hypocrea atroviridis</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 3222-3229.	3.1	23
32	Evaluation of molecular methods to discriminate the closely related species <i>Vibrio fluvialis</i> and <i>Vibrio furnissii</i> . <i>International Journal of Medical Microbiology</i> , 2014, 304, 851-857.	3.6	22
33	Synthesis of (di)adenosine polyphosphates by non-ribosomal peptide synthetases (NRPS). <i>BBA - Proteins and Proteomics</i> , 2001, 1546, 234-241.	2.1	21
34	Genetic but No Phenotypic Associations between Biocide Tolerance and Antibiotic Resistance in <i>Escherichia coli</i> from German Broiler Fattening Farms. <i>Microorganisms</i> , 2021, 9, 651.	3.6	21
35	<i>Spongiispira norvegica</i> gen. nov., sp. nov., a marine bacterium isolated from the boreal sponge <i>Isops phlegraei</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1815-1820.	1.7	18
36	Sampling and Homogenization Strategies Significantly Influence the Detection of Foodborne Pathogens in Meat. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	17

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37	Differential detection of pathogenic <i>Yersinia</i> spp. by fluorescence in situ hybridization. <i>Food Microbiology</i> , 2017, 62, 39-45.	4.2	17
38	Editing of non-cognate aminoacyl adenylates by peptide synthetases. <i>Biochemical Journal</i> , 1999, 342, 715-719.	3.7	15
39	Characterization of trh2 Harboured <i>Vibrio parahaemolyticus</i> Strains Isolated in Germany. <i>PLoS ONE</i> , 2015, 10, e0118559.	2.5	15
40	Virulence Profiles of <i>Vibrio vulnificus</i> in German Coastal Waters, a Comparison of North Sea and Baltic Sea Isolates. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15943-15959.	2.6	14
41	Microbially competent 3D skin: a test system that reveals insight into host-microbe interactions and their potential toxicological impact. <i>Archives of Toxicology</i> , 2020, 94, 3487-3502.	4.2	12
42	ACV Synthetase: Expression of Amino Acid Activating Domains of the <i>Penicillium chrysogenum</i> Enzyme in <i>Aspergillus nidulans</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 237, 166-169.	2.1	11
43	MALDI-TOF MS and genomic analysis can make the difference in the clarification of canine brucellosis outbreaks. <i>Scientific Reports</i> , 2020, 10, 19246.	3.3	9
44	Nonribosomal peptide synthetases-evidence for a second ATP-binding site. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1601, 93-99.	2.3	8
45	Microbiological Safety of Non-Food Products: What Can We Learn from the RAPEX Database?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1599.	2.6	8
46	Editing of non-cognate aminoacyl adenylates by peptide synthetases. <i>Biochemical Journal</i> , 1999, 342, 715.	3.7	6
47	ATPase activity of non-ribosomal peptide synthetases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1696, 83-91.	2.3	5
48	Evaluation of a Newly Developed Vacuum Dried Microtiter Plate for Rapid Biocide Susceptibility Testing of Clinical <i>Enterococcus faecium</i> Isolates. <i>Microorganisms</i> , 2020, 8, 551.	3.6	4
49	A Proof of Principle for the Detection of Viable <i>Brucella</i> spp. in Raw Milk by qPCR Targeting Bacteriophages. <i>Microorganisms</i> , 2020, 8, 1326.	3.6	3