Wim G Meijer

List of Publications by Year
in descending order

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65	3,068	168829	182931
papers	citations	31 h-index	54 g-index

69	69	69	3638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	3.9	153
2	Coprostanol as a Population Biomarker for SARS-CoV-2 Wastewater Surveillance Studies. Water (Switzerland), 2022, 14, 225.	1.2	5
3	Identifying Sources of Faecal Contamination in a Small Urban Stream Catchment: A Multiparametric Approach. Frontiers in Microbiology, 2021, 12, 661954.	1.5	10
4	Bacterial and Bacteriophage Antibiotic Resistance in Marine Bathing Waters in Relation to Rivers and Urban Streams. Frontiers in Microbiology, 2021, 12, 718234.	1.5	12
5	Decay of infectious SARS-CoV-2 and surrogates in aquatic environments. Water Research, 2021, 201, 117090.	5.3	66
6	crAssphage as a human molecular marker to evaluate temporal and spatial variability in faecal contamination of urban marine bathing waters. Science of the Total Environment, 2021, 789, 147828.	3.9	22
7	Implementation and integration of microbial source tracking in a river watershed monitoring plan. Science of the Total Environment, 2020, 736, 139573.	3.9	30
8	Correlation between antimicrobial resistance and faecal contamination in small urban streams and bathing waters. Science of the Total Environment, 2020, 739, 140242.	3.9	25
9	Conservation of Rhodococcus equi (Magnusson 1923) Goodfellow and Alderson 1977 and rejection of Rhodococcus hoagii (Morse 1912) KÃmpfer et al. 2014. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3572-3576.	0.8	13
10	The pathogenic actinobacterium Rhodococcus equi: what's in a name?. Molecular Microbiology, 2019, 112, 1-15.	1.2	44
11	Delayed differentiation of vaginal and uterine microbiomes in dairy cows developing postpartum endometritis. PLoS ONE, 2019, 14, e0200974.	1.1	57
12	Comparison of the Performance of Different Microbial Source Tracking Markers among European and North African Regions. Journal of Environmental Quality, 2017, 46, 760-766.	1.0	27
13	Performance assessment and microbial diversity of two pilot scale multi-stage sub-surface flow constructed wetland systems. Journal of Environmental Sciences, 2016, 46, 38-46.	3.2	10
14	Evaluating a microbial water quality prediction model for beach management under the revised EU Bathing Water Directive. Journal of Environmental Management, 2016, 167, 49-58.	3.8	30
15	Integrated analysis of the local and systemic changes preceding the development of post-partum cytological endometritis. BMC Genomics, 2015, 16, 811.	1.2	33
16	Assessing the water quality response to an alternative sewage disposal strategy at bathing sites on the east coast of Ireland. Marine Pollution Bulletin, 2015, 91, 330-346.	2.3	14
17	Transcriptome Reprogramming by Plasmid-Encoded Transcriptional Regulators Is Required for Host Niche Adaption of a Macrophage Pathogen. Infection and Immunity, 2015, 83, 3137-3145.	1.0	32
18	An Invertron-Like Linear Plasmid Mediates Intracellular Survival and Virulence in Bovine Isolates of Rhodococcus equi. Infection and Immunity, 2015, 83, 2725-2737.	1.0	61

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19	IcgA Is a Virulence Factor of Rhodococcus equi That Modulates Intracellular Growth. Infection and Immunity, 2014, 82, 1793-1800.	1.0	10
20	Structure of the virulence-associated protein VapD from the intracellular pathogenRhodococcus equi. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2139-2151.	2.5	17
21	An integrated catchment-coastal modelling system for real-time water quality forecasts. Environmental Modelling and Software, 2014, 61, 458-476.	1.9	44
22	Event-Oriented Focal Weight-Based Clustering for Environmental Wireless Sensor Networks. , 2014, , .		0
23	A HPLC-based glycoanalytical protocol allows the use of natural O-glycans derived from glycoproteins as substrates for glycosidase discovery from microbial culture. Glycoconjugate Journal, 2013, 30, 791-800.	1.4	3
24	Multi-laboratory evaluations of the performance of Catellicoccus marimammalium PCR assays developed to target gull fecal sources. Water Research, 2013, 47, 6883-6896.	5.3	58
25	Performance of human fecal anaerobe-associated PCR-based assays in a multi-laboratory method evaluation study. Water Research, 2013, 47, 6897-6908.	5.3	117
26	The expression of mucin genes and the presence of mucin gene products in the equine endometrium. Research in Veterinary Science, 2013, 95, 169-175.	0.9	2
27	Performance evaluation of canine-associated Bacteroidales assays in a multi-laboratory comparison study. Water Research, 2013, 47, 6909-6920.	5.3	48
28	A Real-Time Impedance Based Method to Assess Rhodococcus equi Virulence. PLoS ONE, 2013, 8, e60612.	1.1	6
29	The Hydroxamate Siderophore Rhequichelin Is Required for Virulence of the Pathogenic Actinomycete Rhodococcus equi. Infection and Immunity, 2012, 80, 4106-4114.	1.0	31
30	The vapA co-expressed virulence plasmid gene vcgB (orf10) of the intracellular actinomycete Rhodococcus equi. Microbiology (United Kingdom), 2011, 157, 2357-2368.	0.7	14
31	The Genome of a Pathogenic Rhodococcus: Cooptive Virulence Underpinned by Key Gene Acquisitions. PLoS Genetics, 2010, 6, e1001145.	1.5	143
32	Current understanding of the equine immune response to Rhodococcus equi. An immunological review of R. equi pneumonia. Veterinary Immunology and Immunopathology, 2010, 135, 1-11.	0.5	49
33	Bacteria associated with the mucus layer of Merlangius merlangus (whiting) as biological tags to determine harvest location. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 713-716.	0.7	9
34	The Diversity of Bacterial Communities Associated with Atlantic Cod Gadus morhua. Microbial Ecology, 2008, 55, 425-434.	1.4	76
35	Differential mRNA stability of thevapAICDoperon of the facultative intracellular pathogenRhodococcus equi. FEMS Microbiology Letters, 2008, 280, 89-94.	0.7	10
36	The Intracellular Pathogen Rhodococcus equi Produces a Catecholate Siderophore Required for Saprophytic Growth. Journal of Bacteriology, 2008, 190, 1631-1637.	1.0	20

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37	Evolution of theRhodococcus equi vapPathogenicity Island Seen through Comparison of Host-AssociatedvapAandvapBVirulence Plasmids. Journal of Bacteriology, 2008, 190, 5797-5805.	1.0	91
38	Transcriptional Regulation of the virR Operon of the Intracellular Pathogen Rhodococcus equi. Journal of Bacteriology, 2007, 189, 5082-5089.	1.0	41
39	Validation of host-specific Bacteriodales 16S rRNA genes as markers to determine the origin of faecal pollution in Atlantic Rim countries of the European Union. Water Research, 2007, 41, 3780-3784.	5.3	98
40	Characterization of the bacterial community associated with the surface and mucus layer of whiting (Merlangius merlangus). FEMS Microbiology Ecology, 2007, 62, 90-97.	1.3	29
41	Rhodococcus equi infection in foals: the science of â€˜rattlesâ€™. Equine Veterinary Journal, 2007, 39, 470-478.	0.9	87
42	T-Align, a web-based tool for comparison of multiple terminal restriction fragment length polymorphism profiles. FEMS Microbiology Ecology, 2005, 54, 375-380.	1.3	208
43	Versatile Rhodococcus equi?Escherichia coli shuttle vectors. Antonie Van Leeuwenhoek, 2005, 87, 161-167.	0.7	13
44	Isocitrate Lyase Activity Is Required for Virulence of the Intracellular Pathogen Rhodococcus equi. Infection and Immunity, 2005, 73, 6736-6741.	1.0	57
45	The Iron-Regulated iupABC Operon Is Required for Saprophytic Growth of the Intracellular Pathogen Rhodococcus equi at Low Iron Concentrations. Journal of Bacteriology, 2005, 187, 3438-3444.	1.0	19
46	The LysR-Type Transcriptional Regulator VirR Is Required for Expression of the Virulence Gene vapA of Rhodococcus equi ATCC 33701. Journal of Bacteriology, 2004, 186, 5576-5584.	1.0	65
47	Rhodococcus equi. Veterinary Research, 2004, 35, 383-396.	1.1	107
48	Improved recovery of DNA from polyacrylamide gels after in situ DNA footprinting. Journal of Microbiological Methods, 2003, 54, 289-291.	0.7	0
49	Analysis of DNA Binding and Transcriptional Activation by the LysR-Type Transcriptional Regulator CbbR of Xanthobacter flavus. Journal of Bacteriology, 2003, 185, 1245-1252.	1.0	45
50	Genotypic and Phenotypic Diversity within Species of Purple Nonsulfur Bacteria Isolated from Aquatic Sediments. Applied and Environmental Microbiology, 2002, 68, 3467-3477.	1.4	55
51	Two novel homologous proteins of Streptomyces coelicolor and Streptomyces lividans are involved in the formation of the rodlet layer and mediate attachment to a hydrophobic surface. Molecular Microbiology, 2002, 44, 1483-1492.	1.2	96
52	Isocitrate lyase of the facultative intracellular pathogen Rhodococcus equi a aThe GenBank accession number for the sequence reported in this paper is AY044917.. Microbiology (United Kingdom), 2002, 148, 793-798.	0.7	33
53	Random insertion mutagenesis of the intracellular pathogen Rhodococcus equi using transposomes. FEMS Microbiology Letters, 2001, 205, 243-246.	0.7	29
54	Complex I and Its Involvement in Redox Homeostasis and Carbon and Nitrogen Metabolism in Rhodobacter capsulatus. Journal of Bacteriology, 2001, 183, 7285-7294.	1.0	17

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55	Influence of growth rate and starvation on fluorescent in situ hybridization of Rhodopseudomonas palustris. FEMS Microbiology Ecology, 2000, 32, 205-213.	1.3	79
56	The iron dependent regulatory protein IdeR (DtxR) ofRhodococcus equi. FEMS Microbiology Letters, 2000, 191, 1-5.	0.7	34
57	Effects of the Calvin Cycle on Nicotinamide Adenine Dinucleotide Concentrations and Redox Balances ofXanthobacter flavus. Journal of Bacteriology, 2000, 182, 4637-4639.	1.0	10
58	Fermentative bacteria from estuarine mud: Phylogenetic position of Acidaminobacter hydrogenoformans and description of a new type of Gram-negative, propionigenic bacterium as Propionibacter pelophilus gen. nov., sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1039-1044.	0.8	40
59	SOMETHING FROM ALMOST NOTHING: Carbon Dioxide Fixation in Chemoautotrophs. Annual Review of Microbiology, 1998, 52, 191-230.	2.9	253
60	Xanthobacter flavus employs a single triosephosphate isomerase for heterotrophic and autotrophic metabolism. Microbiology (United Kingdom), 1997, 143, 1925-1931.	0.7	12
61	Cleavage of dimethylsulfoniopropionate and reduction of acrylate by Desulfovibrio acrylicus sp. nov.. Archives of Microbiology, 1996, 166, 109-115.	1.0	87
62	A protein having similarity with methylmalonyl-CoA mutase is required for the assimilation of methanol and ethanol by Methylobacterium extorquens AM1. Microbiology (United Kingdom), 1996, 142, 675-684.	0.7	27
63	Uniform designation for genes of the Calvin-Benson-Bassham reductive pentose phosphate pathway of bacteria. FEMS Microbiology Letters, 1992, 99, 107-110.	0.7	36
64	Identification and organization of carbon dioxide fixation genes in Xanthobacter flavus H4-14. Molecular Genetics and Genomics, 1991, 225, 320-330.	2.4	81
65	Uniform designation for genes of the Calvin-Benson-Bassham reductive pentose phosphate pathway of bacteria. , 0, .		1