Jos P M Van Putten

List of Publications by Year in descending order

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123 papers 6,540 citations

45 h-index 75 g-index

126 all docs

126 docs citations

126 times ranked 6469 citing authors

#	Article	IF	CITATIONS
1	<i>Campylobacter jejuni</i> permeabilizes the host cell membrane by short chain lysophosphatidylethanolamines. Gut Microbes, 2022, 14 , .	9.8	8
2	Identification of Allobaculum mucolyticum as a novel human intestinal mucin degrader. Gut Microbes, 2021, 13, 1966278.	9.8	42
3	The Transmembrane Mucin MUC1 Facilitates \hat{I}^21 -Integrin-Mediated Bacterial Invasion. MBio, 2021, 12, .	4.1	7
4	Naturally circulating pertactin-deficient <i>Bordetella pertussis</i> strains induce distinct gene expression and inflammatory signatures in human dendritic cells. Emerging Microbes and Infections, 2021, 10, 1358-1368.	6.5	5
5	The ALPK1 pathway drives the inflammatory response to Campylobacter jejuni in human intestinal epithelial cells. PLoS Pathogens, 2021, 17, e1009787.	4.7	20
6	Antimicrobial Activities of Alginate and Chitosan Oligosaccharides Against Staphylococcus aureus and Group B Streptococcus. Frontiers in Microbiology, 2021, 12, 700605.	3.5	31
7	Defensive Properties of Mucin Glycoproteins during Respiratory Infections $\hat{a} \in \mathbb{R}^n$ Relevance for SARS-CoV-2. MBio, 2020, 11 , .	4.1	70
8	The Unique Phospholipidome of the Enteric Pathogen Campylobacter jejuni: Lysophosholipids Are Required for Motility at Low Oxygen Availability. Journal of Molecular Biology, 2020, 432, 5244-5258.	4.2	15
9	Mannheimia haemolytica and lipopolysaccharide induce airway epithelial inflammatory responses in an extensively developed ex vivo calf model. Scientific Reports, 2020, 10, 13042.	3.3	7
10	Activation of Human NK Cells by Bordetella pertussis Requires Inflammasome Activation in Macrophages. Frontiers in Immunology, 2019, 10, 2030.	4.8	19
11	MUC1 is a receptor for the Salmonella SiiE adhesin that enables apical invasion into enterocytes. PLoS Pathogens, 2019, 15, e1007566.	4.7	47
12	Catabolite repression in <i>Campylobacter jejuni</i> correlates with intracellular succinate levels. Environmental Microbiology, 2018, 20, 1374-1388.	3.8	13
13	Duplicated TLR5 of zebrafish functions as a heterodimeric receptor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3221-E3229.	7.1	54
14	Evolutionary Regression and Species-Specific Codon Usage of TLR15. Frontiers in Immunology, 2018, 9, 2626.	4.8	9
15	Transmembrane Mucins: Signaling Receptors at the Intersection of Inflammation and Cancer. Journal of Innate Immunity, 2017, 9, 281-299.	3.8	188
16	Generation of the membrane potential and its impact on the motility, ATP production and growth inCampylobacter jejuni. Molecular Microbiology, 2017, 105, 637-651.	2.5	22
17	Host cell binding of the flagellar tip protein of <i>CampylobacterÂjejuni</i> . Cellular Microbiology, 2017, 19, e12714.	2.1	29
18	Invasive behavior of <i>Campylobacter jejuni </i> in immunosuppressed chicken. Virulence, 2017, 8, 248-260.	4.4	13

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19	Function and Regulation of the C4-Dicarboxylate Transporters in Campylobacter jejuni. Frontiers in Microbiology, 2017, 8, 174.	3.5	19
20	Expression of the Gene for Autotransporter AutB of Neisseria meningitidis Affects Biofilm Formation and Epithelial Transmigration. Frontiers in Cellular and Infection Microbiology, 2016, 6, 162.	3.9	20
21	Reptile Toll-like receptor 5 unveils adaptive evolution of bacterial flagellin recognition. Scientific Reports, 2016, 6, 19046.	3.3	42
22	Feedback control of <i>Campylobacter jejuni</i> flagellin levels through reciprocal binding of FliW to flagellin and the global regulator CsrA. Molecular Microbiology, 2016, 102, 207-220.	2.5	21
23	Modulating endotoxin activity by combinatorial bioengineering of meningococcal lipopolysaccharide. Scientific Reports, 2016, 6, 36575.	3.3	27
24	Meningococcal Outer Membrane Vesicle Composition-Dependent Activation of the Innate Immune Response. Infection and Immunity, 2016, 84, 3024-3033.	2.2	45
25	Chicken Immune Response after In Ovo Immunization with Chimeric TLR5 Activating Flagellin of Campylobacter jejuni. PLoS ONE, 2016, 11, e0164837.	2.5	20
26	Redirection of Epithelial Immune Responses by Short-Chain Fatty Acids through Inhibition of Histone Deacetylases. Frontiers in Immunology, 2015, 6, 554.	4.8	107
27	The Campylobacter jejuni RacRS two-component system activates the glutamate synthesis by directly upregulating γ-glutamyltranspeptidase (GGT). Frontiers in Microbiology, 2015, 6, 567.	3.5	20
28	The <scp><i>C</i></scp> <i>ampylobacter jejuni</i> ê€ <scp>RacRS</scp> system regulates fumarate utilization in a low oxygen environment. Environmental Microbiology, 2015, 17, 1049-1064.	3.8	26
29	Campylobacter fetus Infections in Humans: Exposure and Disease. Clinical Infectious Diseases, 2014, 58, 1579-1586.	5.8	129
30	Inflammasome Activation by <i>Campylobacter</i> â€^ <i>jejuni</i> . Journal of Immunology, 2014, 193, 4548-4557.	0.8	27
31	Regulation of Genes in Campylobacter jejuni. , 2014, , 611-624.		6
32	Functional and Bioinformatics Analysis of Two Campylobacter jejuni Homologs of the Thiol-Disulfide Oxidoreductase, DsbA. PLoS ONE, 2014, 9, e106247.	2.5	20
33	Unique features of chicken Toll-like receptors. Developmental and Comparative Immunology, 2013, 41, 316-323.	2.3	129
34	Expression of human CEACAM1 in transgenic mice limits the Opa-specific immune response against meningococcal outer membrane vesicles. Vaccine, 2013, 31, 5585-5593.	3.8	14
35	Identification of a Functional Type VI Secretion System in Campylobacter jejuni Conferring Capsule Polysaccharide Sensitive Cytotoxicity. PLoS Pathogens, 2013, 9, e1003393.	4.7	88
36	CD14 Protein Acts as an Adaptor Molecule for the Immune Recognition of Salmonella Curli Fibers. Journal of Biological Chemistry, 2013, 288, 14178-14188.	3.4	44

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37	Basolateral Invasion and Trafficking of Campylobacter jejuni in Polarized Epithelial Cells. PLoS ONE, 2013, 8, e54759.	2.5	36
38	An Ex Vivo Porcine Nasal Mucosa Explants Model to Study MRSA Colonization. PLoS ONE, 2013, 8, e53783.	2.5	10
39	Functional assay for shiga-like toxin via detection by antibody capture and multivalent galabiose binding. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7448-7450.	2.2	1
40	Lysozyme Resistance in Streptococcus suis Is Highly Variable and Multifactorial. PLoS ONE, 2012, 7, e36281.	2.5	18
41	Regulation of Energy Metabolism by the Extracytoplasmic Function (ECF) If Factors of Arcobacter butzleri. PLoS ONE, 2012, 7, e44796.	2.5	5
42	The Natural Antimicrobial Carvacrol Inhibits Campylobacter jejuni Motility and Infection of Epithelial Cells. PLoS ONE, 2012, 7, e45343.	2.5	58
43	TroA of Streptococcus suis Is Required for Manganese Acquisition and Full Virulence. Journal of Bacteriology, 2011, 193, 5073-5080.	2.2	64
44	Lgt Processing Is an Essential Step in Streptococcus suis Lipoprotein Mediated Innate Immune Activation. PLoS ONE, 2011, 6, e22299.	2.5	38
45	Cleavage and activation of a Toll-like receptor by microbial proteases. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4968-4973.	7.1	91
46	Differential activation of the Toll-like receptor 2/6 complex by lipoproteins of Streptococcus suis serotypes 2 and 9. Veterinary Microbiology, 2010, 143, 363-370.	1.9	28
47	Unraveling bacterial interactions with Toll-like receptors. Immunology Letters, 2010, 128, 8-11.	2.5	6
48	Temperatureâ€dependent FlgM/FliA complex formation regulates <i>Campylobacter jejuni</i> flagella length. Molecular Microbiology, 2010, 75, 1577-1591.	2.5	43
49	Toll-like receptors 1 and 2 cooperatively mediate immune responses to curli, a common amyloid from enterobacterial biofilms. Cellular Microbiology, 2010, 12, 1495-1505.	2.1	138
50	Nucleases Encoded by the Integrated Elements CJIE2 and CJIE4 Inhibit Natural Transformation of <i>Campylobacter jejuni</i> Journal of Bacteriology, 2010, 192, 936-941.	2.2	40
51	Growth Phase-Dependent Activation of the DccRS Regulon of <i>Campylobacter jejuni</i> Journal of Bacteriology, 2010, 192, 2729-2736.	2.2	23
52	Reconstitution of a Functional Toll-like Receptor 5 Binding Site in Campylobacter jejuni Flagellin. Journal of Biological Chemistry, 2010, 285, 12149-12158.	3.4	49
53	Altered Linkage of Hydroxyacyl Chains in Lipid A of Campylobacter jejuni Reduces TLR4 Activation and Antimicrobial Resistance. Journal of Biological Chemistry, 2010, 285, 15828-15836.	3.4	46
54	Reply to Moran: Modification of Campylobacter jejuni Lipid A. Journal of Biological Chemistry, 2010, 285, le12.	3.4	1

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55	Activation of Human and Chicken Toll-Like Receptors by <i>Campylobacter</i> spp. Infection and Immunity, 2010, 78, 1229-1238.	2.2	102
56	Chicken TLR21 Is an Innate CpG DNA Receptor Distinct from Mammalian TLR9. Journal of Immunology, 2010, 185, 460-467.	0.8	195
57	Differential Effect of TLR2 and TLR4 on the Immune Response after Immunization with a Vaccine against Neisseria meningitidis or Bordetella pertussis. PLoS ONE, 2010, 5, e15692.	2.5	39
58	Functional Characterization of Excision Repair and RecA-Dependent Recombinational DNA Repair in <i>Campylobacter jejuni</i> Journal of Bacteriology, 2009, 191, 3785-3793.	2.2	34
59	A DNase Encoded by Integrated Element CJIE1 Inhibits Natural Transformation of <i>Campylobacter jejuni</i> . Journal of Bacteriology, 2009, 191, 2296-2306.	2.2	49
60	Variation of Neisseria gonorrhoeae Lipooligosaccharide Directs Dendritic Cell–Induced T Helper Responses. PLoS Pathogens, 2009, 5, e1000625.	4.7	72
61	Naturally Occurring Lipid A Mutants in Neisseria meningitidis from Patients with Invasive Meningococcal Disease Are Associated with Reduced Coagulopathy. PLoS Pathogens, 2009, 5, e1000396.	4.7	71
62	Identification of a thrombospondin-like immunodominant and phosphorylcholine-containing glycoprotein (GP300) in Dictyocaulus viviparus and related nematodes. Molecular and Biochemical Parasitology, 2009, 163, 85-94.	1.1	14
63	<i>N</i> -glycosylated proteins and distinct lipooligosaccharide glycoforms of <i>Campylobacter jejuni</i> target the human C-type lectin receptor MGL. Cellular Microbiology, 2009, 11, 1768-1781.	2.1	89
64	Immunity to Campylobacter: its role in risk assessment and epidemiology. Critical Reviews in Microbiology, 2009, 35, 1-22.	6.1	149
65	Molecular Mechanisms of Campylobacter Infection. Current Topics in Microbiology and Immunology, 2009, 337, 197-229.	1.1	50
66	Functional characterization of chicken TLR5 reveals species-specific recognition of flagellin. Molecular Immunology, 2008, 45, 1298-1307.	2.2	108
67	Functional analysis of a Campylobacter jejuni alkaline phosphatase secreted via the Tat export machinery. Microbiology (United Kingdom), 2008, 154, 584-592.	1.8	37
68	A functional Campylobacter jejuni maf4 gene results in novel glycoforms on flagellin and altered autoagglutination behaviour. Microbiology (United Kingdom), 2008, 154, 3385-3397.	1.8	40
69	Differential Activation of Human and Mouse Toll-Like Receptor 4 by the Adjuvant Candidate LpxL1 of <i>Neisseria meningitidis </i> . Infection and Immunity, 2008, 76, 3801-3807.	2.2	77
70	Unique Properties of the Chicken TLR4/MD-2 Complex: Selective Lipopolysaccharide Activation of the MyD88-Dependent Pathway. Journal of Immunology, 2008, 181, 4354-4362.	0.8	149
71	The Central Leucine-Rich Repeat Region of Chicken TLR16 Dictates Unique Ligand Specificity and Species-Specific Interaction with TLR2. Journal of Immunology, 2007, 178, 7110-7119.	0.8	105
72	Antibodies Elicited by the Bovine Lungworm, <i>Dictyocaulus viviparus </i> , Cross-React with Platelet-Activating Factor. Infection and Immunity, 2007, 75, 4456-4462.	2.2	10

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73	Vaccination of chickens against Campylobacter. Vaccine, 2007, 25, 5548-5557.	3.8	88
74	Ligand-induced differential cross-regulation of Toll-like receptors 2, 4 and 5 in intestinal epithelial cells. Molecular Immunology, 2007, 44, 3702-3714.	2.2	61
75	Pseudomonas aeruginosa Type IV Pilus Expression in Neisseria gonorrhoeae: Effects of Pilin Subunit Composition on Function and Organelle Dynamics. Journal of Bacteriology, 2007, 189, 6676-6685.	2.2	28
76	Active migration into the subcellular space precedes Campylobacter jejuni invasion of epithelial cells. Cellular Microbiology, 2007, 10, 070725190509002-???.	2.1	41
77	Substitutions in the N-terminal alpha helical spine of Neisseria gonorrhoeae pilin affect Type IV pilus assembly, dynamics and associated functions. Molecular Microbiology, 2007, 63, 69-85.	2.5	43
78	Expression patterns and role of the CadF protein inCampylobacter jejuniandCampylobacter coli. FEMS Microbiology Letters, 2007, 274, 9-16.	1.8	51
79	Positively Selected Codons in Immune-Exposed Loops of the Vaccine Candidate OMP-P1 of Haemophilus influenzae. Journal of Molecular Evolution, 2007, 64, 411-422.	1.8	13
80	Heterogeneity in expression of the Escherichia coli colicin K activity gene cka is controlled by the SOS system and stochastic factors. Molecular Genetics and Genomics, 2007, 277, 391-401.	2.1	31
81	Neisseria meningitidis expressing lgtB lipopolysaccharide targets DC-SIGN and modulates dendritic cell function. Cellular Microbiology, 2006, 8, 316-325.	2.1	74
82	The Campylobacter jejuni PhosS/PhosR operon represents a non-classical phosphate-sensitive two-component system. Molecular Microbiology, 2006, 62, 278-291.	2.5	59
83	Molecular epidemiology of Campylobacter fetus subsp. fetus on bovine artificial insemination stations using pulsed field gel electrophoresis. Veterinary Microbiology, 2006, 112, 65-71.	1.9	8
84	A conserved set of pilinâ€like molecules controls type IV pilus dynamics and organelleâ€associated functions in <i>Neisseria gonorrhoeae</i>). Molecular Microbiology, 2005, 56, 903-917.	2.5	99
85	Function of Neisserial Outer Membrane Phospholipase A in Autolysis and Assessment of Its Vaccine Potential. Infection and Immunity, 2005, 73, 2222-2231.	2.2	49
86	Amplified fragment length polymorphism based identification of genetic markers and novel PCR assay for differentiation of Campylobacter fetus subspecies. Journal of Medical Microbiology, 2005, 54, 1217-1224.	1.8	40
87	Clonal Nature of Campylobacter fetus as Defined by Multilocus Sequence Typing. Journal of Clinical Microbiology, 2005, 43, 5888-5898.	3.9	79
88	Characterization of Plasmid pOR1 from Ornithobacterium rhinotracheale and Construction of a Shuttle Plasmid. Applied and Environmental Microbiology, 2004, 70, 5853-5858.	3.1	11
89	Host Cell Contact-Induced Transcription of the Type IV Fimbria Gene Cluster of Actinobacillus pleuropneumoniae. Infection and Immunity, 2004, 72, 691-700.	2.2	37
90	The FlgS/FlgR Two-component Signal Transduction System Regulates the fla Regulon in Campylobacter jejuni. Journal of Biological Chemistry, 2004, 279, 16214-16222.	3.4	124

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91	Identification of the origin of replications and partial characterization of plasmid pRK100. Plasmid, 2003, 50, 102-112.	1.4	13
92	The Cyclic AMP-Cyclic AMP Receptor Protein Complex Regulates Activity of the traj Promoter of the Escherichia coli Conjugative Plasmid pRK100. Journal of Bacteriology, 2003, 185, 1616-1623.	2.2	32
93	Genetic Basis for the Structural Difference between Streptococcus pneumoniae Serotype 15B and 15C Capsular Polysaccharides. Infection and Immunity, 2003, 71, 6192-6198.	2.2	127
94	Identification of Genes Affecting Salmonella enterica Serovar Enteritidis Infection of Chicken Macrophages. Infection and Immunity, 2002, 70, 5319-5321.	2.2	32
95	CampylobacterDNA is Present in Circulating Myelomonocytic Cells of Healthy Persons and in Persons with Guillainâ€Barré Syndrome. Journal of Infectious Diseases, 2002, 185, 262-265.	4.0	9
96	Codon-usage based regulation of colicin K synthesis by the stress alarmone ppGpp. Molecular Microbiology, 2002, 42, 1385-1385.	2.5	0
97	Generation of Campylobacter jejuni genetic diversity in vivo. Molecular Microbiology, 2002, 44, 351-359.	2.5	150
98	Organization and characterization of the capsule biosynthesis locus of Streptococcus pneumoniae serotype 9V The GenBank accession number for the sequence reported in this paper is AF402095 Microbiology (United Kingdom), 2002, 148, 1747-1755.	1.8	35
99	Codon-usage based regulation of colicin K synthesis by the stress alarmone ppGpp. Molecular Microbiology, 2001, 41, 207-216.	2.5	33
100	Structural alterations in a type IV pilus subunit protein result in concurrent defects in multicellular behaviour and adherence to host tissue. Molecular Microbiology, 2001, 42, 293-307.	2.5	33
101	Modulation of Gonococcal Piliation by Regulatable Transcription of pilE. Journal of Bacteriology, 2001, 183, 1600-1609.	2.2	35
102	Streptococcal Erythrogenic Toxin B Abrogates Fibronectin-Dependent Internalization of Streptococcus pyogenes by Cultured Mammalian Cells. Infection and Immunity, 2000, 68, 3226-3232.	2.2	40
103	Neisseria meningitidisproducing the Opc adhesin binds epithelial cell proteoglycan receptors. Molecular Microbiology, 1998, 27, 1203-1212.	2.5	117
104	Entry of OpaA+gonococci into HEpâ€2 cells requires concerted action of glycosaminoglycans, fibronectin and integrin receptors. Molecular Microbiology, 1998, 29, 369-379.	2.5	142
105	Gonococcal Invasion of Epithelial Cells Driven by P.IA, a Bacterial Ion Channel with GTP Binding Properties. Journal of Experimental Medicine, 1998, 188, 941-952.	8.5	93
106	Capsule phase variation in Neisseria meningitidis serogroup B by slipped-strand mispairing in the polysialyltransferase gene (siaD): correlation with bacterial invasion and the outbreak of meningococcal disease. Molecular Microbiology, 1996, 20, 1211-1220.	2.5	244
107	Gonococcal rfaF mutants express Rd2chemotype LPS and do not enter epithelial host cells. Molecular Microbiology, 1995, 15, 267-275.	2.5	49
108	Construction of recombinant neisserial Hsp60 proteins and mapping of antigenic domains. Molecular Microbiology, 1995, 15, 277-285.	2.5	11

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109	Molecular mechanisms and implications for infection of lipopolysaccharide variation in Neisseria. Molecular Microbiology, 1995, 16, 847-853.	2.5	71
110	Measurements of invasion by antibody labeling and electron microscopy. Methods in Enzymology, 1994, 236, 420-437.	1.0	44
111	Contribution of genes from the capsule gene complex (cps) to lipooligosaccharide biosynthesis and serum resistance in Neisseria meningitidis. Molecular Microbiology, 1994, 11, 885-896.	2.5	140
112	The fimbrial gene cluster of Haemophilus influenzae type b. Molecular Microbiology, 1994, 13, 673-684.	2.5	87
113	The role of galE in the biosynthesis and function of gonococcal lipopolysaccharide. Molecular Microbiology, 1993, 8, 891-901.	2.5	75
114	Phase variation of H. influenzae fimbriae: Transcriptional control of two divergent genes through a variable combined promoter region. Cell, 1993, 73, 1187-1196.	28.9	204
115	Immunogold-Silver Staining and the Pathogenesis of Bacterial Infectious Diseases. Journal of Histotechnology, 1993, 16, 271-276.	0.5	2
116	Interaction of two variable proteins (PilE and PilC) required for pilus-mediated adherence of Neisseria gonorrhoeae to human epithelial cells. Molecular Microbiology, 1992, 6, 3439-3450.	2.5	211
117	Virulence functions and antigen variation in pathogenic Neisseriae. Antonie Van Leeuwenhoek, 1988, 54, 421-430.	1.7	10
118	Ultrastructural localization of gonococcal antigens in infected epithelial cells as visualized by post-embedding immuno-electronmicroscopy. Microbial Pathogenesis, 1988, 4, 213-222.	2.9	17
119	Characterization of the sulfonylurea-induced potentiation of the insulin response in cultured 3T3 adipocytes. Biochemical Pharmacology, 1986, 35, 2141-2144.	4.4	6
120	Stimulatory and inhibitory effects of adrenaline and 8-bromo-cAMP on insulin-sensitive 2-deoxyglucose transport in rat adipocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1984, 803, 129-136.	4.1	4
121	The effects of 1-methyl-3-isobutylxanthine on insulin-sensitive 2-deoxyglucose transport. Biochimica Et Biophysica Acta - Molecular Cell Research, 1984, 803, 123-128.	4.1	5
122	Phloretin - an uncoupler and an inhibitor of mitochondrial oxidative phosphorylation. Biochimica Et Biophysica Acta - Bioenergetics, 1983, 722, 219-225.	1.0	37
123	Isolation, Identification, Subspecies Differentiation, and Typing of <i>Campylobacter fetus </i> ., 0, , 213-225.		5