

# Rohini Chopra-Dewasthaly

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

366  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	First steps towards the genetic manipulation of <i>Mycoplasma agalactiae</i> and <i>Mycoplasma bovis</i> using the transposon Tn4001mod. <i>International Journal of Medical Microbiology</i> , 2005, 294, 447-453.	3.6	49
2	In vitro and in vivo cell invasion and systemic spreading of <i>Mycoplasma agalactiae</i> in the sheep infection model. <i>International Journal of Medical Microbiology</i> , 2014, 304, 1024-1031.	3.6	48
3	Phase-locked mutants of <i>Mycoplasma agalactiae</i> : defining the molecular switch of high-frequency Vpma antigenic variation. <i>Molecular Microbiology</i> , 2008, 67, 1196-1210.	2.5	43
4	Construction of the first shuttle vectors for gene cloning and homologous recombination in <i>Mycoplasma agalactiae</i> . <i>FEMS Microbiology Letters</i> , 2005, 253, 89-94.	1.8	31
5	Vpma phase variation is important for survival and persistence of <i>Mycoplasma agalactiae</i> in the immunocompetent host. <i>PLoS Pathogens</i> , 2017, 13, e1006656.	4.7	26
6	Role of Vpma phase variation in <i>Mycoplasma agalactiae</i> pathogenesis. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 66, 307-322.	2.7	25
7	Genetic loci of <i>Mycoplasma agalactiae</i> involved in systemic spreading during experimental intramammary infection of sheep. <i>Veterinary Research</i> , 2016, 47, 106.	3.0	16
8	Novel role of Vpmas as major adhesins of <i>Mycoplasma agalactiae</i> mediating differential cell adhesion and invasion of Vpma expression variants. <i>International Journal of Medical Microbiology</i> , 2018, 308, 263-270.	3.6	16
9	Comprehensive RNA-Seq Profiling to Evaluate the Sheep Mammary Gland Transcriptome in Response to Experimental <i>Mycoplasma agalactiae</i> Infection. <i>PLoS ONE</i> , 2017, 12, e0170015.	2.5	16
10	Xer1-Mediated Site-Specific DNA Inversions and Excisions in <i>Mycoplasma agalactiae</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4462-4473.	2.2	15
11	Xer1-independent mechanisms of Vpma phase variation in <i>Mycoplasma agalactiae</i> are triggered by Vpma-specific antibodies. <i>International Journal of Medical Microbiology</i> , 2017, 307, 443-451.	3.6	15
12	Disruption of the pdhB Pyruvate Dehydrogenase Gene Affects Colony Morphology, In Vitro Growth and Cell Invasiveness of <i>Mycoplasma agalactiae</i> . <i>PLoS ONE</i> , 2015, 10, e0119706.	2.5	15
13	<i>Mycoplasma tauri</i> sp. nov. isolated from the bovine genital tract. <i>Systematic and Applied Microbiology</i> , 2022, 45, 126292.	2.8	12
14	Sheep primary cells as <i>in vitro</i> models to investigate <i>Mycoplasma agalactiae</i> host cell interactions. <i>Pathogens and Disease</i> , 2015, 73, ftv048.	2.0	9
15	Simultaneous Identification of Potential Pathogenicity Factors of <i>Mycoplasma agalactiae</i> in the Natural Ovine Host by Negative Selection. <i>Infection and Immunity</i> , 2015, 83, 2751-2761.	2.2	8
16	Novel antigenic proteins of <i>Mycoplasma agalactiae</i> as potential vaccine and serodiagnostic candidates. <i>Veterinary Microbiology</i> , 2020, 251, 108866.	1.9	7
17	<i>Mycoplasma agalactiae</i> Induces Cytopathic Effects in Infected Cells Cultured In Vitro. <i>PLoS ONE</i> , 2016, 11, e0163603.	2.5	7
18	Predominant Single Stable VpmaV Expression in Strain GM139 and Major Differences with <i>Mycoplasma agalactiae</i> Type Strain PG2. <i>Animals</i> , 2022, 12, 265.	2.3	4

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19	Host cell interactions of novel antigenic membrane proteins of <i>Mycoplasma agalactiae</i> . <i>BMC Microbiology</i> , 2022, 22, 93.	3.3	3
20	Sheep Infection Trials with “Phase-Locked” Vpma Expression Variants of <i>Mycoplasma agalactiae</i> —Towards Elucidating the Role of a Multigene Family Encoding Variable Surface Lipoproteins in Infection and Disease. <i>Microorganisms</i> , 2022, 10, 815.	3.6	1