

# Marcelo Gottschalk

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285  
papers

9,772  
citations

52  
h-index

83  
g-index

296  
ext. papers

11,327  
ext. citations

4.2  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
285	Identification and Characterization of a Two-Peptide Class IIb Bacteriocin in <i>Streptococcus pluranimalium</i> Isolated from the Nasal Cavity of a Healthy Pig.. <i>Probiotics and Antimicrobial Proteins</i> , <b>2022</b> , 14, 204	5.5	
284	Comparative analysis of <i>Streptococcus suis</i> genomes identifies novel candidate virulence-associated genes in North American isolates.. <i>Veterinary Research</i> , <b>2022</b> , 53, 23	3.8	1
283	Distribution and characterization of serotypes isolated from January 2015 to June 2020 from diseased pigs in Québec, Canada.. <i>Canadian Journal of Veterinary Research</i> , <b>2022</b> , 86, 78-82	0.5	
282	Mutation rate dynamics reflect ecological change in an emerging zoonotic pathogen. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009864	6	2
281	Long-chain LPS-based enzyme-linked immunosorbent assay to detect swine herds infected by serotype 17. <i>Canadian Veterinary Journal</i> , <b>2021</b> , 62, 62-65	0.5	
280	Neutrophils in Infection: From Host Defense to Pathology. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	1
279	Proposal of a subtype of serovar 4, K4b:O3, of <i>Actinobacillus pleuropneumoniae</i> based on serological and genotypic analysis. <i>Veterinary Microbiology</i> , <b>2021</b> , 263, 109279	3.3	0
278	Genomic and pathogenic investigations of serotype 7 population derived from a human patient and pigs. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1960-1974	18.9	4
277	Experimental evaluation of protection and immunogenicity of <i>Streptococcus suis</i> bacterin-based vaccines formulated with different commercial adjuvants in weaned piglets. <i>Veterinary Research</i> , <b>2021</b> , 52, 133	3.8	2
276	Review of the speculative role of co-infections in <i>Streptococcus suis</i> -associated diseases in pigs. <i>Veterinary Research</i> , <b>2021</b> , 52, 49	3.8	11
275	Capsular polysaccharide switching in <i>Streptococcus suis</i> modulates host cell interactions and virulence. <i>Scientific Reports</i> , <b>2021</b> , 11, 6513	4.9	3
274	Proposal of <i>Actinobacillus pleuropneumoniae</i> serovar 19, and reformulation of previous multiplex PCRs for capsule-specific typing of all known serovars. <i>Veterinary Microbiology</i> , <b>2021</b> , 255, 109021	3.3	16
273	Molecular characterization of <i>Glaesserella parasuis</i> strains isolated from North America, Europe and Asia by serotyping PCR and LS-PCR. <i>Veterinary Research</i> , <b>2021</b> , 52, 68	3.8	1
272	Study of the relationship between untypable and typable isolates of <i>Streptococcus suis</i> recovered from clinically ill and healthy nursery pigs. <i>Veterinary Microbiology</i> , <b>2021</b> , 257, 109064	3.3	0
271	Genome Reduction Is Associated with Bacterial Pathogenicity across Different Scales of Temporal and Ecological Divergence. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 1570-1579	8.3	9
270	Proposed virulence-associated genes of <i>Streptococcus suis</i> isolates from the United States serve as predictors of pathogenicity. <i>Porcine Health Management</i> , <b>2021</b> , 7, 22	3.5	3
269	Immunogenicity study of a <i>Streptococcus suis</i> autogenous vaccine in preparturient sows and evaluation of passive maternal immunity in piglets. <i>BMC Veterinary Research</i> , <b>2021</b> , 17, 72	2.7	1

268	Rapid Detection and Typing of Serovars Directly From Clinical Samples: Combining FTA Card Technology With Multiplex PCR. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 728660	3.1	2
267	Stochastic Assessment of the Economic Impact of -Associated Disease in German, Dutch and Spanish Swine Farms. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 676002	3.1	2
266	Non-Penicillin-Susceptible Isolated from Humans. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	3
265	Large-scale genomic analysis of antimicrobial resistance in the zoonotic pathogen <i>Streptococcus suis</i> . <i>BMC Biology</i> , <b>2021</b> , 19, 191	7.3	6
264	Genomic Characterization of Serotype 24 Clonal Complex 221/234 From Human Patients.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 812436	5.7	0
263	Inflammatory Monocytes and Neutrophils Regulate <i>Streptococcus suis</i> -Induced Systemic Inflammation and Disease but Are Not Critical for the Development of Central Nervous System Disease in a Mouse Model of Infection. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	5
262	Resolution of <i>Streptococcus suis</i> Serotypes 1/2 versus 2 and 1 versus 14 by PCR-Restriction Fragment Length Polymorphism Method. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	4
261	Coinfections and their molecular consequences in the porcine respiratory tract. <i>Veterinary Research</i> , <b>2020</b> , 51, 80	3.8	42
260	Population structure, genetic diversity and pathotypes of <i>Streptococcus suis</i> isolated during the last 13 years from diseased pigs in Switzerland. <i>Veterinary Research</i> , <b>2020</b> , 51, 85	3.8	4
259	Recognition of Lipoproteins by Toll-like Receptor 2 and DNA by the AIM2 Inflammasome Is Responsible for Production of Interleukin-1 $\beta$ by Virulent Suiysin-negative Serotype 2. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	3
258	Tools for Molecular Epidemiology of. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	6
257	A Case-Control Study to Investigate the Serotypes of Isolates by Multiplex PCR in Nursery Pigs in Ontario, Canada. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	5
256	Rapid high resolution melting assay to differentiate <i>Streptococcus suis</i> serotypes 2, 1/2, 1, and 14. <i>MicrobiologyOpen</i> , <b>2020</b> , 9, e995	3.4	5
255	Genotypic Comparison between Isolates from Pigs and Humans in Thailand. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	5
254	Canada: Isolation of (-like) from diseased ruminants in Canada. <i>Canadian Veterinary Journal</i> , <b>2020</b> , 61, 473-475	0.5	2
253	Distribution of (from 2015 to June 2020) and (from 2017 to June 2020) serotypes isolated from diseased pigs in Quebec. <i>Canadian Veterinary Journal</i> , <b>2020</b> , 61, 1261-1263	0.5	2
252	<i>Streptococcus suis</i> suiysin compromises the function of a porcine tracheal epithelial barrier model. <i>Microbial Pathogenesis</i> , <b>2020</b> , 139, 103913	3.8	3
251	Field Study on the Immunological Response and Protective Effect of a Licensed Autogenous Vaccine to Control Infections in Post-Weaned Piglets. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	7

250	In vitro characterization of granulocyte-colony stimulating factor (G-CSF) production by dendritic cells and macrophages during <i>Streptococcus suis</i> infection. <i>Immunobiology</i> , <b>2020</b> , 225, 151979	3-4	2
249	Comparative Study of Immunogenic Properties of Purified Capsular Polysaccharides from Serotypes 3, 7, 8, and 9: the Serotype 3 Polysaccharide Induces an Opsonizing IgG Response. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3-7	3
248	<i>Streptococcus suis</i> Serotype 2 Infection Causes Host Immunomodulation through Induction of Thymic Atrophy. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3-7	6
247	Development of a mismatch amplification mutation assay to correctly serotype isolates of serotypes 1, 2, 1/2, and 14. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2020</b> , 32, 490-494	1-5	7
246	Characterization and Protective Activity of Monoclonal Antibodies Directed against Serotype 2 Capsular Polysaccharide Obtained Using a Glycoconjugate. <i>Pathogens</i> , <b>2019</b> , 8,	4-5	5
245	Antigen I/II Participates in the Interactions of Serotype 9 With Phagocytes and the Development of Systemic Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 124	5-9	3
244	Intra-Species and Inter-Species Differences in Cytokine Production by Porcine Antigen-Presenting Cells Stimulated by , , and. <i>Pathogens</i> , <b>2019</b> , 8,	4-5	15
243	Actinobacillosis <b>2019</b> , 749-766		16
242	Streptococcosis <b>2019</b> , 934-950		20
241	Differential role of MyD88 signaling in <i>Streptococcus suis</i> serotype 2-induced systemic and central nervous system diseases. <i>International Immunology</i> , <b>2019</b> , 31, 697-714	4-9	6
240	Serotype and Genotype (Multilocus Sequence Type) of <i>Streptococcus suis</i> Isolates from the United States Serve as Predictors of Pathotype. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9-7	27
239	Interleukin-1 signaling induced by <i>Streptococcus suis</i> serotype 2 is strain-dependent and contributes to bacterial clearance and inflammation during systemic disease in a mouse model of infection. <i>Veterinary Research</i> , <b>2019</b> , 50, 52	3-8	12
238	Interactions of <i>Streptococcus suis</i> serotype 9 with host cells and role of the capsular polysaccharide: Comparison with serotypes 2 and 14. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223864	3-7	5
237	Chromosomal Conjugative and Mobilizable Elements in : Major Actors in the Spreading of Antimicrobial Resistance and Bacteriocin Synthesis Genes. <i>Pathogens</i> , <b>2019</b> , 9,	4-5	15
236	Enolase and dipeptidyl peptidase IV protein sub-unit vaccines are not protective against a lethal <i>Streptococcus suis</i> serotype 2 challenge in a mouse model of infection. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 448	2-7	4
235	Structure determination of <i>Streptococcus suis</i> serotypes 7 and 8 capsular polysaccharides and assignment of functions of the cps locus genes involved in their biosynthesis. <i>Carbohydrate Research</i> , <b>2019</b> , 473, 36-45	2-9	9
234	Application of random amplified polymorphism DNA and 16S-23S rDNA intergenic spacer polymerase chain reaction-restriction fragment length polymorphism to predict major <i>Streptococcus suis</i> clonal complexes isolated from humans and pigs. <i>Molecular and Cellular Probes</i> , <b>2019</b> , 43, 34-39	3-3	1
233	Effects of <i>Actinobacillus pleuropneumoniae</i> on barrier function and inflammatory response of pig tracheal epithelial cells. <i>Pathogens and Disease</i> , <b>2019</b> , 77,	4-2	4

232	Proposal of serovars 17 and 18 of <i>Actinobacillus pleuropneumoniae</i> based on serological and genotypic analysis. <i>Veterinary Microbiology</i> , <b>2018</b> , 217, 1-6	3.3	45
231	Genotypic diversity of <i>Streptococcus suis</i> strains isolated from humans in Thailand. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2018</b> , 37, 917-925	5.3	19
230	Phagocytosis, bacterial killing, and cytokine activation of circulating blood neutrophils in horses with severe equine asthma and control horses. <i>American Journal of Veterinary Research</i> , <b>2018</b> , 79, 455-464 <sup>1,1</sup>		2
229	Urban Wild Boars and Risk for Zoonotic <i>Streptococcus suis</i> , Spain. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1083-1086	10.2	17
228	Limited Interactions between <i>Streptococcus Suis</i> and <i>Haemophilus Parasuis</i> in In Vitro Co-Infection Studies. <i>Pathogens</i> , <b>2018</b> , 7,	4.5	7
227	Serotype 2 Infection Impairs Interleukin-12 Production and the MHC-II-Restricted Antigen Presentation Capacity of Dendritic Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1199	8.4	9
226	Capsular Sialyltransferase Specificity Mediates Different Phenotypes in and Group B. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 545	5.7	2
225	<i>Streptococcus suis</i> serotype 3 and serotype 18 capsular polysaccharides contain di-N-acetyl-bacillosamine. <i>Carbohydrate Research</i> , <b>2018</b> , 466, 18-29	2.9	8
224	Role of the <i>Streptococcus suis</i> serotype 2 capsular polysaccharide in the interactions with dendritic cells is strain-dependent but remains critical for virulence. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200453	3.7	13
223	Genomic comparisons of <i>Streptococcus suis</i> serotype 9 strains recovered from diseased pigs in Spain and Canada. <i>Veterinary Research</i> , <b>2018</b> , 49, 1	3.8	34
222	Structural analysis and immunostimulatory potency of lipoteichoic acids isolated from three serotype 2 strains. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 12011-12025	5.4	13
221	Comparative sequence analysis of the capsular polysaccharide loci of <i>Actinobacillus pleuropneumoniae</i> serovars 1-18, and development of two multiplex PCRs for comprehensive capsule typing. <i>Veterinary Microbiology</i> , <b>2018</b> , 220, 83-89	3.3	28
220	Dipeptidylpeptidase IV of <i>Streptococcus suis</i> degrades the porcine antimicrobial peptide PR-39 and neutralizes its biological properties. <i>Microbial Pathogenesis</i> , <b>2018</b> , 122, 200-206	3.8	5
219	Examination of Australian <i>Streptococcus suis</i> isolates from clinically affected pigs in a global context and the genomic characterisation of ST1 as a predictor of virulence. <i>Veterinary Microbiology</i> , <b>2018</b> , 226, 31-40	3.3	11
218	Characterization of the zinc metalloprotease of <i>Streptococcus suis</i> serotype 2. <i>Veterinary Research</i> , <b>2018</b> , 49, 109	3.8	4
217	Emergence of <i>Streptococcus suis</i> serotype 9 infection in humans. <i>Journal of Microbiology, Immunology and Infection</i> , <b>2017</b> , 50, 545-546	8.5	43
216	A Unique Capsule Locus in the Newly Designated <i>Actinobacillus pleuropneumoniae</i> Serovar 16 and Development of a Diagnostic PCR Assay. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 902-907	9.7	32
215	Genotyping and investigating capsular polysaccharide synthesis gene loci of non-serotypeable <i>Streptococcus suis</i> isolated from diseased pigs in Canada. <i>Veterinary Research</i> , <b>2017</b> , 48, 10	3.8	26

214	Critical Streptococcus suis Virulence Factors: Are They All Really Critical?. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 585-599	12.4	107
213	A Locus Encoding Variable Defense Systems against Invading DNA Identified in Streptococcus suis. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 1000-1012	3.9	14
212	Antimicrobial potential of bacteriocins in poultry and swine production. <i>Veterinary Research</i> , <b>2017</b> , 48, 22	3.8	70
211	A single amino acid polymorphism in the glycosyltransferase CpsK defines four Streptococcus suis serotypes. <i>Scientific Reports</i> , <b>2017</b> , 7, 4066	4.9	13
210	The bias of experimental design, including strain background, in the determination of critical Streptococcus suis serotype 2 virulence factors. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181920	3.7	9
209	Serotype-specific role of antigen I/II in the initial steps of the pathogenesis of the infection caused by Streptococcus suis. <i>Veterinary Research</i> , <b>2017</b> , 48, 39	3.8	12
208	Capsular serotypes, virulence-associated genes and antimicrobial susceptibility of Streptococcus suis isolates from pigs in Korea. <i>Journal of Veterinary Medical Science</i> , <b>2017</b> , 79, 780-787	1.1	16
207	Evaluation of the Immunomodulatory Properties of Streptococcus suis and Group B Streptococcus Capsular Polysaccharides on the Humoral Response. <i>Pathogens</i> , <b>2017</b> , 6,	4.5	7
206	Human Case of Streptococcus suis Disease, Ontario, Canada. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 2107-2109	2.109	15
205	Development of a multiplex PCR for identification of Hemolytic streptococci relevant to human infections and serotype distribution of invasive Streptococcus agalactiae in Thailand. <i>Molecular and Cellular Probes</i> , <b>2017</b> , 36, 10-14	3.3	2
204	Porcine Dendritic Cells as an In Vitro Model to Assess the Immunological Behaviour of Streptococcus suis Subunit Vaccine Formulations and the Polarizing Effect of Adjuvants. <i>Pathogens</i> , <b>2017</b> , 6,	4.5	7
203	Type I Interferon Induced by Serotype 2 is Strain-Dependent and May Be Beneficial for Host Survival. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1039	8.4	11
202	Canada: Serotyping of field isolates from diseased pigs in Quebec by indirect hemagglutination assay and multiplex polymerase chain reaction (PCR). <i>Canadian Veterinary Journal</i> , <b>2017</b> , 58, 802-804	0.5	6
201	Multiplex PCR for identification of six clinically relevant streptococci. <i>Journal of Medical Microbiology</i> , <b>2017</b> , 66, 1590-1595	3.2	8
200	Initial steps of the pathogenesis of the infection caused by Streptococcus suis: fighting against nonspecific defenses. <i>FEBS Letters</i> , <b>2016</b> , 590, 3772-3799	3.8	69
199	Determining Streptococcus suis serotype from short-read whole-genome sequencing data. <i>BMC Microbiology</i> , <b>2016</b> , 16, 162	4.5	43
198	Structure determination of Streptococcus suis serotype 9 capsular polysaccharide and assignment of functions of the cps locus genes involved in its biosynthesis. <i>Carbohydrate Research</i> , <b>2016</b> , 433, 25-30	2.9	15
197	Screening of virulence-associated genes as a molecular typing method for characterization of Streptococcus suis isolates recovered from wild boars and pigs. <i>Veterinary Journal</i> , <b>2016</b> , 209, 108-12	2.5	6

196	Genetic diversity of <i>Streptococcus suis</i> serotype 2 isolated from pigs in Brazil. <i>Canadian Journal of Veterinary Research</i> , <b>2016</b> , 80, 106-11	0.5	4
195	Antimicrobial Activity of Penicillin G and N-acetylcystein on Planktonic and Sessile Cells of <i>Streptococcus suis</i> . <i>Polish Journal of Microbiology</i> , <b>2016</b> , 65, 105-9	1.8	3
194	Development of a multiplex PCR assay to detect the major clonal complexes of <i>Streptococcus suis</i> relevant to human infection. <i>Journal of Medical Microbiology</i> , <b>2016</b> , 65, 392-396	3.2	5
193	serotype 2 strains isolated in Argentina (South America) are different from those recovered in North America and present a higher risk for humans. <i>JMM Case Reports</i> , <b>2016</b> , 3, e005066	0.5	11
192	Fatal Septic Meningitis in Child Caused by <i>Streptococcus suis</i> Serotype 24. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 1519-20	10.2	14
191	<i>Streptococcus suis</i> Serotype 2 Capsule In Vivo. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 1793-6	10.2	8
190	Distribution of Suicin Gene Clusters in Serotype 2 Belonging to Sequence Types 25 and 28. <i>BioMed Research International</i> , <b>2016</b> , 2016, 6815894	3	5
189	Recruitment of Factor H to the <i>Streptococcus suis</i> Cell Surface is Multifactorial. <i>Pathogens</i> , <b>2016</b> , 5,	4.5	17
188	Virulence Studies of Different Sequence Types and Geographical Origins of <i>Streptococcus suis</i> Serotype 2 in a Mouse Model of Infection. <i>Pathogens</i> , <b>2016</b> , 5,	4.5	36
187	Population Structure and Antimicrobial Resistance Profiles of <i>Streptococcus suis</i> Serotype 2 Sequence Type 25 Strains. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150908	3.7	24
186	Transcriptional Analysis of PRRSV-Infected Porcine Dendritic Cell Response to <i>Streptococcus suis</i> Infection Reveals Up-Regulation of Inflammatory-Related Genes Expression. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156019	3.7	20
185	Immune-responsiveness of CD4 T cells during <i>Streptococcus suis</i> serotype 2 infection. <i>Scientific Reports</i> , <b>2016</b> , 6, 38061	4.9	9
184	Explaining the Serological Characteristics of <i>Streptococcus suis</i> Serotypes 1 and 1/2 from Their Capsular Polysaccharide Structure and Biosynthesis. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 8387-98	5.4	24
183	Protection against <i>Streptococcus suis</i> Serotype 2 Infection Using a Capsular Polysaccharide Glycoconjugate Vaccine. <i>Infection and Immunity</i> , <b>2016</b> , 84, 2059-2075	3.7	27
182	Antibody response specific to the capsular polysaccharide is impaired in <i>Streptococcus suis</i> serotype 2-infected animals. <i>Infection and Immunity</i> , <b>2015</b> , 83, 441-53	3.7	26
181	Simultaneous detection of 33 <i>Streptococcus suis</i> serotypes using the luminex xTAG <sup>®</sup> assay <sup>®</sup> <i>Journal of Microbiological Methods</i> , <b>2015</b> , 117, 95-9	2.8	19
180	Eight Novel Capsular Polysaccharide Synthesis Gene Loci Identified in Nontypeable <i>Streptococcus suis</i> Isolates. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 4111-9	4.8	24
179	Candidate proteomic biomarkers for three genogroups of the swine pathogen <i>Streptococcus suis</i> serotype 2. <i>BMC Microbiology</i> , <b>2015</b> , 15, 84	4.5	4

178	The challenge of detecting herds sub-clinically infected with <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Journal</i> , <b>2015</b> , 206, 30-8	2.5	40
177	Serotype- and virulence-associated gene profile of <i>Streptococcus suis</i> isolates from pig carcasses in Chiang Mai Province, Northern Thailand. <i>Journal of Veterinary Medical Science</i> , <b>2015</b> , 77, 233-6	1.1	12
176	Preferential production of G-CSF by a protein-like <i>Lactobacillus rhamnosus</i> GR-1 secretory factor through activating TLR2-dependent signaling events without activation of JNKs. <i>BMC Microbiology</i> , <b>2015</b> , 15, 238	4.5	12
175	First human case report of sepsis due to infection with <i>Streptococcus suis</i> serotype 31 in Thailand. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 392	4	33
174	Interactions of <i>Streptococcus suis</i> serotype 2 with human meningeal cells and astrocytes. <i>BMC Research Notes</i> , <b>2015</b> , 8, 607	2.3	14
173	Hyaluronate lyase activity of <i>Streptococcus suis</i> serotype 2 and modulatory effects of hyaluronic acid on the bacterium's virulence properties. <i>BMC Research Notes</i> , <b>2015</b> , 8, 722	2.3	6
172	Suicin 3908, a new lantibiotic produced by a strain of <i>Streptococcus suis</i> serotype 2 isolated from a healthy carrier pig. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117245	3.7	22
171	Purification and Characterization of Suicin 65, a Novel Class I Type B Lantibiotic Produced by <i>Streptococcus suis</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0145854	3.7	14
170	Assessment of MALDI-TOF MS as Alternative Tool for <i>Streptococcus suis</i> Identification. <i>Frontiers in Public Health</i> , <b>2015</b> , 3, 202	6	14
169	Complex Population Structure and Virulence Differences among Serotype 2 <i>Streptococcus suis</i> Strains Belonging to Sequence Type 28. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137760	3.7	33
168	Exposure of feral swine ( <i>Sus scrofa</i> ) in the United States to selected pathogens. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 74-8	0.5	5
167	Role of the capsular polysaccharide as a virulence factor for <i>Streptococcus suis</i> serotype 14. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 141-6	0.5	18
166	Disease risks associated with free-ranging wild boar in Saskatchewan. <i>Canadian Veterinary Journal</i> , <b>2015</b> , 56, 839-44	0.5	13
165	Canada: Distribution of <i>Streptococcus suis</i> (from 2012 to 2014) and <i>Actinobacillus pleuropneumoniae</i> (from 2011 to 2014) serotypes isolated from diseased pigs. <i>Canadian Veterinary Journal</i> , <b>2015</b> , 56, 1093-4	0.5	31
164	<i>Streptococcus suis</i> in employees and the environment of swine slaughterhouses in So Paulo, Brazil: Occurrence, risk factors, serotype distribution, and antimicrobial susceptibility. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 279-84	0.5	6
163	Clonal distribution of <i>Streptococcus suis</i> isolated from diseased pigs in the central region of Chile. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 343-6	0.5	2
162	Population analysis of <i>Streptococcus suis</i> isolates from slaughtered swine by use of minimum core genome sequence typing. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 3568-72	9.7	18
161	Characterization of DNase activity and gene in <i>Streptococcus suis</i> and evidence for a role as virulence factor. <i>BMC Research Notes</i> , <b>2014</b> , 7, 424	2.3	11



160	Suicin 90-1330 from a nonvirulent strain of <i>Streptococcus suis</i> : a nisin-related lantibiotic active on gram-positive swine pathogens. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 5484-92	4.8	15
159	Development of a two-step multiplex PCR assay for typing of capsular polysaccharide synthesis gene clusters of <i>Streptococcus suis</i> . <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 1714-9	9.7	51
158	Transcriptional approach to study porcine tracheal epithelial cells individually or dually infected with swine influenza virus and <i>Streptococcus suis</i> . <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 86	2.7	17
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151	Latest developments on <i>Streptococcus suis</i> : an emerging zoonotic pathogen: part 2. <i>Future Microbiology</i> , <b>2014</b> , 9, 587-91	2.9	24
150	<i>Streptococcus suis</i> , an important pig pathogen and emerging zoonotic agent-an update on the worldwide distribution based on serotyping and sequence typing. <i>Emerging Microbes and Infections</i> , <b>2014</b> , 3, e45	18.9	355
149	A human case of <i>Streptococcus suis</i> infection caused by an unencapsulated strain. <i>JMM Case Reports</i> , <b>2014</b> , 1,	0.5	4
148	Atypical <i>Streptococcus suis</i> in man, Argentina, 2013. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 500-2	10.2	26
147	Correlation between PFGE Groups and mrp/epf/sly Genotypes of Human <i>Streptococcus suis</i> Serotype 2 in Northern Thailand. <i>Journal of Pathogens</i> , <b>2014</b> , 2014, 350416	1.9	9
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145	Deregulated balance of omega-6 and omega-3 polyunsaturated fatty acids following infection by the zoonotic pathogen <i>Streptococcus suis</i> . <i>Infection and Immunity</i> , <b>2014</b> , 82, 1778-85	3.7	16
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143	Comparative genomic hybridization identifies virulence differences in <i>Streptococcus suis</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e87866	3.7	11

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139	Structure determination of <i>Streptococcus suis</i> serotype 14 capsular polysaccharide. <i>Biochemistry and Cell Biology</i> , <b>2013</b> , 91, 49-58	3.6	36
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128	Development of multiplex PCR assays for the identification of the 33 serotypes of <i>Streptococcus suis</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e72070	3.7	49
127	The role of toll-like receptors in the pathogenesis of <i>Streptococcus suis</i> . <i>Veterinary Microbiology</i> , <b>2012</b> , 156, 147-56	3.3	19
126	An atypical biotype I <i>Actinobacillus pleuropneumoniae</i> serotype 13 is present in North America. <i>Veterinary Microbiology</i> , <b>2012</b> , 156, 403-10	3.3	17
125	Fifteen <i>Streptococcus suis</i> serotypes identified by multiplex PCR. <i>Journal of Medical Microbiology</i> , <b>2012</b> , 61, 1669-1672	3.2	21

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122	Genome sequence of the swine pathogen <i>Streptococcus suis</i> serotype 2 strain S735. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6343-4	3.5	9
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119	Optimized protocol for multiplex nested polymerase chain reaction to detect and differentiate <i>Haemophilus parasuis</i> , <i>Streptococcus suis</i> , and <i>Mycoplasma hyorhinis</i> in formalin-fixed, paraffin-embedded tissues from pigs with polyserositis. <i>Canadian Journal of Veterinary Research</i> , <b>2012</b> , 76, 195-200	0.5	6
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29	Experimental airborne transmission of <i>Streptococcus suis</i> capsular type 2 in pigs. <i>Veterinary Microbiology</i> , <b>2001</b> , 82, 69-80	3.3	37
28	Serologic profile of a cohort of pigs and antibody response to an autogenous vaccine for <i>Actinobacillus suis</i> . <i>Veterinary Research</i> , <b>2001</b> , 32, 175-83	3.8	8
27	The pathogenesis of the meningitis caused by <i>Streptococcus suis</i> : the unresolved questions. <i>Veterinary Microbiology</i> , <b>2000</b> , 76, 259-72	3.3	275
26	<i>Streptococcus suis</i> serotype 2 interactions with human brain microvascular endothelial cells. <i>Infection and Immunity</i> , <b>2000</b> , 68, 637-43	3.7	112
25	<i>Actinobacillus pleuropneumoniae</i> surface polysaccharides: their role in diagnosis and immunogenicity. <i>Animal Health Research Reviews</i> , <b>2000</b> , 1, 73-93	2.1	94
24	Isolation and characterization of a capsule-deficient mutant of <i>Actinobacillus pleuropneumoniae</i> serotype 1. <i>Microbial Pathogenesis</i> , <b>2000</b> , 28, 279-89	3.8	29
23	Characterization of <i>Streptococcus agalactiae</i> isolates of bovine and human origin by randomly amplified polymorphic DNA analysis. <i>Journal of Clinical Microbiology</i> , <b>2000</b> , 38, 71-8	9.7	60
22	Production of muraminidase-released protein (MRP), extracellular factor (EF) and suilysin by field isolates of <i>Streptococcus suis</i> capsular types 2, 1/2, 9, 7 and 3 isolated from swine in France. <i>Veterinary Research</i> , <b>2000</b> , 31, 473-9	3.8	43
21	Interactions between <i>Streptococcus suis</i> serotype 2 and different epithelial cell lines. <i>Microbiology (United Kingdom)</i> , <b>2000</b> , 146 ( Pt 8), 1913-1921	2.9	90
20	Inhibition of adherence of <i>Actinobacillus pleuropneumoniae</i> to porcine respiratory tract cells by monoclonal antibodies directed against LPS and partial characterization of the LPS receptors. <i>Current Microbiology</i> , <b>1999</b> , 39, 313-0320	2.4	17
19	Heat-killed <i>Streptococcus suis</i> capsular type 2 strains stimulate tumor necrosis factor alpha and interleukin-6 production by murine macrophages. <i>Infection and Immunity</i> , <b>1999</b> , 67, 4646-54	3.7	71
18	Relatedness of <i>Streptococcus suis</i> serotype 2 isolates from different geographic origins as evaluated by molecular fingerprinting and phenotyping. <i>Journal of Clinical Microbiology</i> , <b>1999</b> , 37, 362-6	9.7	51
17	Immunomagnetic isolation of <i>Streptococcus suis</i> serotypes 2 and 1/2 from swine tonsils. <i>Journal of Clinical Microbiology</i> , <b>1999</b> , 37, 2877-81	9.7	20



16	Streptococcus suis and group B Streptococcus differ in their interactions with murine macrophages. <i>FEMS Immunology and Medical Microbiology</i> , <b>1998</b> , 21, 189-95		53
15	Chromosome sizes and phylogenetic relationships between serotypes of <i>Actinobacillus pleuropneumoniae</i> . <i>FEMS Microbiology Letters</i> , <b>1998</b> , 160, 209-16	2.9	12
14	<i>Streptococcus suis</i> serotype 2 mutants deficient in capsular expression. <i>Microbiology (United Kingdom)</i> , <b>1998</b> , 144 ( Pt 2), 325-332	2.9	131
13	Development of an immunomagnetic method for selective isolation of <i>Actinobacillus pleuropneumoniae</i> serotype 1 from tonsils. <i>Journal of Clinical Microbiology</i> , <b>1998</b> , 36, 251-4	9.7	23
12	Characterization and protective activity of a monoclonal antibody against a capsular epitope shared by <i>Streptococcus suis</i> serotypes 1, 2 and 1/2. <i>Microbiology (United Kingdom)</i> , <b>1997</b> , 143 ( Pt 11), 3607-3614	2.9	31
11	Serotyping <i>Actinobacillus pleuropneumoniae</i> by the use of monoclonal antibodies. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1997</b> , 9, 337-41	1.5	14
10	Use of Monoclonal Antibodies to Visualize Capsular Material of Bacterial Pathogens by Conventional Electron Microscopy. <i>Microscopy and Microanalysis</i> , <b>1997</b> , 3, 234-238	0.5	8
9	Identification of two core types in lipopolysaccharides of <i>Actinobacillus pleuropneumoniae</i> representing serotypes 1 to 12. <i>Canadian Journal of Microbiology</i> , <b>1996</b> , 42, 855-8	3.2	9
8	Role of capsular sialic acid in virulence and resistance to phagocytosis of <i>Streptococcus suis</i> capsular type 2. <i>FEMS Immunology and Medical Microbiology</i> , <b>1996</b> , 14, 195-203		43
7	Alterations in penicillin-binding proteins in strains of <i>Streptococcus suis</i> possessing moderate and high levels of resistance to penicillin. <i>FEMS Microbiology Letters</i> , <b>1995</b> , 130, 121-7	2.9	12
6	Evaluation of long chain lipopolysaccharides (LC-LPS) of <i>Actinobacillus pleuropneumoniae</i> serotype 5 for the serodiagnosis of swine pleuropneumonia. <i>Veterinary Microbiology</i> , <b>1994</b> , 38, 315-27	3.3	24
5	Lipopolysaccharides of <i>Actinobacillus pleuropneumoniae</i> (serotype 1): a readily obtainable antigen for ELISA serodiagnosis of pig pleuropneumonia. <i>Veterinary Microbiology</i> , <b>1994</b> , 39, 219-30	3.3	10
4	Antimicrobial resistance patterns and plasmid profiles of <i>Streptococcus suis</i> isolates. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1992</b> , 4, 170-4	1.5	26
3	Susceptibility of <i>Streptococcus suis</i> to penicillin. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1991</b> , 3, 170-2	1.5	20
2	Isolation and characterization of <i>Streptococcus suis</i> capsular types 9-22. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1991</b> , 3, 60-5	1.5	56
1	An update on <i>Streptococcus suis</i> identification. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>1990</b> , 2, 249-52	1.5	151