Marcelo Gottschalk

List of Publications by Citations

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	Streptococcus suis, an important pig pathogen and emerging zoonotic agent-an update on the worldwide distribution based on serotyping and sequence typing. *Emerging Microbes and Infections*, **2014**, 3, e45	18.9	355
284	Streptococcus suis: a new emerging or an old neglected zoonotic pathogen?. *Future Microbiology*, **2010**, 5, 371-91	2.9	310
283	Virulence factors involved in the pathogenesis of the infection caused by the swine pathogen and zoonotic agent Streptococcus suis. *Future Microbiology*, **2012**, 7, 259-79	2.9	277
282	The pathogenesis of the meningitis caused by Streptococcus suis: the unresolved questions. *Veterinary Microbiology*, **2000**, 76, 259-72	3.3	275
281	Streptococcus suis infections in humans: the Chinese experience and the situation in North America. *Animal Health Research Reviews*, **2007**, 8, 29-45	2.1	243
280	Rapid evolution of virulence and drug resistance in the emerging zoonotic pathogen Streptococcus suis. *PLoS ONE*, **2009**, 4, e6072	3.7	183
279	Biochemical analysis, cpn60 and 16S rDNA sequence data indicate that Streptococcus suis serotypes 32 and 34, isolated from pigs, are Streptococcus orisratti. *Veterinary Microbiology*, **2005**, 107, 63-9	3.3	151
278	An update on Streptococcus suis identification. *Journal of Veterinary Diagnostic Investigation*, **1990**, 2, 249-52	1.5	151
277	Streptococcus suis serotype 2, an important swine and human pathogen, induces strong systemic and cerebral inflammatory responses in a mouse model of infection. *Journal of Immunology*, **2007**, 179, 1842-54	5.3	150
276	Streptococcus suisSequence Type 7 Outbreak, Sichuan, China. *Emerging Infectious Diseases*, **2006**, 12, 1203-1208	10.2	134
275	Streptococcus suis serotype 2 mutants deficient in capsular expression. *Microbiology (United Kingdom)*, **1998**, 144 (Pt 2), 325-332	2.9	131
274	Isolation and characterization of alpha-enolase, a novel fibronectin-binding protein from Streptococcus suis. *Microbiology (United Kingdom)*, **2008**, 154, 2668-2679	2.9	128
273	Phagocytosis and killing of Streptococcus suis by porcine neutrophils. *Microbial Pathogenesis*, **2006**, 41, 21-32	3.8	115
272	Streptococcus suis serotype 2 interactions with human brain microvascular endothelial cells. *Infection and Immunity*, **2000**, 68, 637-43	3.7	112
271	Critical Streptococcus suis Virulence Factors: Are They All Really Critical?. *Trends in Microbiology*, **2017**, 25, 585-599	12.4	107
270	Clinical, experimental, and genomic differences between intermediately pathogenic, highly pathogenic, and epidemic Streptococcus suis. *Journal of Infectious Diseases*, **2009**, 199, 97-107	7	104
269	Pro-inflammatory cytokine and chemokine release by human brain microvascular endothelial cells stimulated by Streptococcus suis serotype 2. *FEMS Immunology and Medical Microbiology*, **2003**, 35, 49-58		103

268	Invasion of porcine brain microvascular endothelial cells by Streptococcus suis serotype 2. *Infection and Immunity*, **2004**, 72, 1441-9	3.7	94
267	Identification and detection of Actinobacillus pleuropneumoniae by PCR based on the gene apxIVA. *Veterinary Microbiology*, **2001**, 79, 47-62	3.3	94
266	Actinobacillus pleuropneumoniae surface polysaccharides: their role in diagnosis and immunogenicity. *Animal Health Research Reviews*, **2000**, 1, 73-93	2.1	94
265	Significant contribution of the pgdA gene to the virulence of Streptococcus suis. *Molecular Microbiology*, **2008**, 70, 1120-35	4.1	93
264	TLR2-dependent recognition of Streptococcus suis is modulated by the presence of capsular polysaccharide which modifies macrophage responsiveness. *International Immunology*, **2007**, 19, 375-89	4.9	93
263	Cloning and purification of the Streptococcus suis serotype 2 glyceraldehyde-3-phosphate dehydrogenase and its involvement as an adhesin. *Veterinary Microbiology*, **2004**, 102, 87-94	3.3	90
262	Interactions between Streptococcus suis serotype 2 and different epithelial cell lines. *Microbiology (United Kingdom)*, **2000**, 146 (Pt 8), 1913-1921	2.9	90
261	Population structure of invasive and colonizing strains of Streptococcus agalactiae from neonates of six U.S. Academic Centers from 1995 to 1999. *Journal of Clinical Microbiology*, **2008**, 46, 1285-91	9.7	86
260	Critical role for Streptococcus suis cell wall modifications and suilysin in resistance to complement-dependent killing by dendritic cells. *Journal of Infectious Diseases*, **2011**, 204, 919-29	7	85
259	Identification of a surface protein of Streptococcus suis and evaluation of its immunogenic and protective capacity in pigs. *Infection and Immunity*, **2006**, 74, 305-12	3.7	84
258	Immunization with recombinant Sao protein confers protection against Streptococcus suis infection. *Vaccine Journal*, **2007**, 14, 937-43		83
257	Encapsulated Streptococcus suis inhibits activation of signaling pathways involved in phagocytosis. *Infection and Immunity*, **2004**, 72, 5322-30	3.7	81
256	Host-pathogen interactions of Actinobacillus pleuropneumoniae with porcine lung and tracheal epithelial cells. *Infection and Immunity*, **2009**, 77, 1426-41	3.7	79
255	d -Alanylation of Lipoteichoic Acid Contributes to the Virulence of Streptococcus suis. *Infection and Immunity*, **2008**, 76, 5892-5893	3.7	78
254	D-alanylation of lipoteichoic acid contributes to the virulence of Streptococcus suis. *Infection and Immunity*, **2008**, 76, 3587-94	3.7	72
253	Streptococcus suis interactions with the murine macrophage cell line J774: adhesion and cytotoxicity. *Infection and Immunity*, **2002**, 70, 4312-22	3.7	72
252	Lineage and virulence of Streptococcus suis serotype 2 isolates from North America. *Emerging Infectious Diseases*, **2011**, 17, 2239-44	10.2	71
251	Heat-killed Streptococcus suis capsular type 2 strains stimulate tumor necrosis factor alpha and interleukin-6 production by murine macrophages. *Infection and Immunity*, **1999**, 67, 4646-54	3.7	71

250	Antimicrobial potential of bacteriocins in poultry and swine production. *Veterinary Research*, **2017**, 48, 22	3.8	70
249	Streptococcus suis sequence type 7 outbreak, Sichuan, China. *Emerging Infectious Diseases*, **2006**, 12, 1203-8	10.2	70
248	Initial steps of the pathogenesis of the infection caused by Streptococcus suis: fighting against nonspecific defenses. *FEBS Letters*, **2016**, 590, 3772-3799	3.8	69
247	Genetic analysis of capsular polysaccharide synthesis gene clusters from all serotypes of Streptococcus suis: potential mechanisms for generation of capsular variation. *Applied and Environmental Microbiology*, **2013**, 79, 2796-806	4.8	69
246	Antimicrobial resistance and prudent drug use for Streptococcus suis. *Animal Health Research Reviews*, **2013**, 14, 68-77	2.1	67
245	Minimum core genome sequence typing of bacterial pathogens: a unified approach for clinical and public health microbiology. *Journal of Clinical Microbiology*, **2013**, 51, 2582-91	9.7	64
244	Spread of Streptococcus suis sequence type 7, China. *Emerging Infectious Diseases*, **2008**, 14, 787-91	10.2	62
243	Prevalence of Actinobacillus pleuropneumoniae, Actinobacillus suis, Haemophilus parasuis, Pasteurella multocida, and Streptococcus suis in representative Ontario swine herds. *Canadian Journal of Veterinary Research*, **2008**, 72, 242-8		62
242	Characterization of Streptococcus suis isolates recovered between 2008 and 2011 from diseased pigs in Québec, Canada. *Veterinary Microbiology*, **2013**, 162, 819-825	3.3	60
241	Genotypic profile of Streptococcus suis serotype 2 and clinical features of infection in humans, Thailand. *Emerging Infectious Diseases*, **2011**, 17, 835-42	10.2	60
240	Characterization of Streptococcus agalactiae isolates of bovine and human origin by randomly amplified polymorphic DNA analysis. *Journal of Clinical Microbiology*, **2000**, 38, 71-8	9.7	60
239	Comparison of the susceptibilities of C57BL/6 and A/J mouse strains to Streptococcus suis serotype 2 infection. *Infection and Immunity*, **2008**, 76, 3901-10	3.7	59
238	Proinflammatory cytokine and chemokine modulation by Streptococcus suis in a whole-blood culture system. *FEMS Immunology and Medical Microbiology*, **2006**, 47, 92-106		58
237	Isolation and characterization of Streptococcus suis capsular types 9-22. *Journal of Veterinary Diagnostic Investigation*, **1991**, 3, 60-5	1.5	56
236	Haemophilus parasuis invades porcine brain microvascular endothelial cells. *Microbiology (United Kingdom)*, **2006**, 152, 135-142	2.9	55
235	Streptococcus suis and group B Streptococcus differ in their interactions with murine macrophages. *FEMS Immunology and Medical Microbiology*, **1998**, 21, 189-95		53
234	Serotype distribution and production of muramidase-released protein, extracellular factor and suilysin by field strains of Streptococcus suis isolated in the United States. *Veterinary Microbiology*, **2009**, 139, 310-7	3.3	52
233	Development of a two-step multiplex PCR assay for typing of capsular polysaccharide synthesis gene clusters of Streptococcus suis. *Journal of Clinical Microbiology*, **2014**, 52, 1714-9	9.7	51

232	Genetic organization and preferential distribution of putative pilus gene clusters in Streptococcus suis. *Veterinary Microbiology*, **2009**, 138, 132-9	3.3	51
231	Disruption of srtA gene in Streptococcus suis results in decreased interactions with endothelial cells and extracellular matrix proteins. *Veterinary Microbiology*, **2008**, 127, 417-24	3.3	51
230	Relatedness of Streptococcus suis serotype 2 isolates from different geographic origins as evaluated by molecular fingerprinting and phenotyping. *Journal of Clinical Microbiology*, **1999**, 37, 362-6	9.7	51
229	Development of multiplex PCR assays for the identification of the 33 serotypes of Streptococcus suis. *PLoS ONE*, **2013**, 8, e72070	3.7	49
228	Streptococcus suis serotyping by a new multiplex PCR. *Journal of Medical Microbiology*, **2014**, 63, 824-830	3.2	48
227	Sepsis and spontaneous bacterial peritonitis in Thailand. *Lancet, The*, **2011**, 378, 960	40	47
226	Interactions of Haemophilus parasuis and its LOS with porcine brain microvascular endothelial cells. *Veterinary Research*, **2008**, 39, 42	3.8	47
225	Antimicrobial activity of nisin against the swine pathogen Streptococcus suis and its synergistic interaction with antibiotics. *Peptides*, **2013**, 50, 19-23	3.8	46
224	Streptococcus suis capsular polysaccharide inhibits phagocytosis through destabilization of lipid microdomains and prevents lactosylceramide-dependent recognition. *Infection and Immunity*, **2012**, 80, 506-17	3.7	46
223	Dilemma of virulence of Streptococcus suis: Canadian isolate 89-1591 characterized as a virulent strain using a standardized experimental model in pigs. *Canadian Journal of Veterinary Research*, **2005**, 69, 236-40		46
222	Proposal of serovars 17 and 18 of Actinobacillus pleuropneumoniae based on serological and genotypic analysis. *Veterinary Microbiology*, **2018**, 217, 1-6	3.3	45
221	Exacerbated type II interferon response drives hypervirulence and toxic shock by an emergent epidemic strain of Streptococcus suis. *Infection and Immunity*, **2013**, 81, 1928-39	3.7	44
220	Studies on the interactions of Haemophilus parasuis with porcine epithelial tracheal cells: limited role of LOS in apoptosis and pro-inflammatory cytokine release. *Microbial Pathogenesis*, **2009**, 46, 108-13	3.8	44
219	Serotype III Streptococcus agalactiae from bovine milk and human neonatal infections. *Emerging Infectious Diseases*, **2004**, 10, 1412-9	10.2	44
218	Truncation of the lipopolysaccharide outer core affects susceptibility to antimicrobial peptides and virulence of Actinobacillus pleuropneumoniae serotype 1. *Journal of Biological Chemistry*, **2005**, 280, 39104-14	5.4	44
217	Emergence of Streptococcus suis serotype 9 infection in humans. *Journal of Microbiology, Immunology and Infection*, **2017**, 50, 545-546	8.5	43
216	Determining Streptococcus suis serotype from short-read whole-genome sequencing data. *BMC Microbiology*, **2016**, 16, 162	4.5	43
215	Role of capsular sialic acid in virulence and resistance to phagocytosis of Streptococcus suis capsular type 2. *FEMS Immunology and Medical Microbiology*, **1996**, 14, 195-203		43

214	Production of muraminidase-released protein (MRP), extracellular factor (EF) and suilysin by field isolates of Streptococcus suis capsular types 2, 1/2, 9, 7 and 3 isolated from swine in France. *Veterinary Research*, **2000**, 31, 473-9	3.8	43
213	Coinfections and their molecular consequences in the porcine respiratory tract. *Veterinary Research* , **2020**, 51, 80	3.8	42
212	In vitro characterization of the microglial inflammatory response to Streptococcus suis, an important emerging zoonotic agent of meningitis. *Infection and Immunity*, **2010**, 78, 5074-85	3.7	41
211	The challenge of detecting herds sub-clinically infected with Actinobacillus pleuropneumoniae. *Veterinary Journal*, **2015**, 206, 30-8	2.5	40
210	Capsular sialic acid of Streptococcus suis serotype 2 binds to swine influenza virus and enhances bacterial interactions with virus-infected tracheal epithelial cells. *Infection and Immunity*, **2013**, 81, 4498-508	3.7	40
209	The cell envelope subtilisin-like proteinase is a virulence determinant for Streptococcus suis. *BMC Microbiology*, **2010**, 10, 42	4.5	40
208	Streptococcus suis serotype 2 binding to extracellular matrix proteins. *FEMS Microbiology Letters*, **2005**, 244, 33-40	2.9	39
207	Purified excreted-secreted antigens from Trypanosoma cruzi trypomastigotes as tools for diagnosis of ChagasSdisease. *Journal of Clinical Microbiology*, **2006**, 44, 291-6	9.7	38
206	Experimental airborne transmission of Streptococcus suis capsular type 2 in pigs. *Veterinary Microbiology*, **2001**, 82, 69-80	3.3	37
205	Structure determination of Streptococcus suis serotype 14 capsular polysaccharide. *Biochemistry and Cell Biology*, **2013**, 91, 49-58	3.6	36
204	Characterisation of biofilm formation by a Streptococcus suis meningitis isolate. *Veterinary Journal*, **2009**, 179, 292-5	2.5	36
203	Acquisition of host plasmin activity by the Swine pathogen Streptococcus suis serotype 2. *Infection and Immunity*, **2004**, 72, 606-10	3.7	36
202	Virulence Studies of Different Sequence Types and Geographical Origins of Streptococcus suis Serotype 2 in a Mouse Model of Infection. *Pathogens*, **2016**, 5,	4.5	36
201	Use of selective capture of transcribed sequences to identify genes preferentially expressed by Streptococcus suis upon interaction with porcine brain microvascular endothelial cells. *Applied and Environmental Microbiology*, **2007**, 73, 4359-64	4.8	35
200	Genomic comparisons of Streptococcus suis serotype 9 strains recovered from diseased pigs in Spain and Canada. *Veterinary Research*, **2018**, 49, 1	3.8	34
199	Experimental infection of SPF pigs with Actinobacillus pleuropneumoniae serotype 9 alone or in association with Mycoplasma hyopneumoniae. *Veterinary Microbiology*, **2009**, 135, 283-91	3.3	34
198	Genetic diversity of Streptococcus suis strains isolated from pigs and humans as revealed by pulsed-field gel electrophoresis. *Journal of Clinical Microbiology*, **2002**, 40, 615-9	9.7	34
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196	First human case report of sepsis due to infection with Streptococcus suis serotype 31 in Thailand. *BMC Infectious Diseases*, **2015**, 15, 392	4	33
195	Complex Population Structure and Virulence Differences among Serotype 2 Streptococcus suis Strains Belonging to Sequence Type 28. *PLoS ONE*, **2015**, 10, e0137760	3.7	33
194	Contribution of the FeoB transporter to Streptococcus suis virulence. *International Microbiology*, **2009**, 12, 137-43	3	33
193	A Unique Capsule Locus in the Newly Designated Actinobacillus pleuropneumoniae Serovar 16 and Development of a Diagnostic PCR Assay. *Journal of Clinical Microbiology*, **2017**, 55, 902-907	9.7	32
192	The minor pilin subunit Sgp2 is necessary for assembly of the pilus encoded by the srtG cluster of Streptococcus suis. *Journal of Bacteriology*, **2011**, 193, 822-31	3.5	32
191	New putative virulence factors of Streptococcus suis involved in invasion of porcine brain microvascular endothelial cells. *Microbial Pathogenesis*, **2009**, 46, 13-20	3.8	32
190	Characterization of porcine dendritic cell response to Streptococcus suis. *Veterinary Research*, **2011**, 42, 72	3.8	31
189	Characterization and protective activity of a monoclonal antibody against a capsular epitope shared by Streptococcus suis serotypes 1, 2 and 1/2. *Microbiology (United Kingdom)*, **1997**, 143 (Pt 11), 3607-3614	2.9	31
188	Canada: Distribution of Streptococcus suis (from 2012 to 2014) and Actinobacillus pleuropneumoniae (from 2011 to 2014) serotypes isolated from diseased pigs. *Canadian Veterinary Journal*, **2015**, 56, 1093-4	0.5	31
187	Purification and characterization of the subtilisin-like protease of Streptococcus suis that contributes to its virulence. *Veterinary Microbiology*, **2011**, 148, 333-40	3.3	30
186	Meningitis caused by Streptococcus suis serotype 14, North America. *Emerging Infectious Diseases*, **2009**, 15, 350-2	10.2	30
185	Potential use of an unencapsulated and aromatic amino acid-auxotrophic Streptococcus suis mutant as a live attenuated vaccine in swine. *Vaccine*, **2007**, 25, 3524-35	4.1	30
184	Detection and molecular typing of Streptococcus suis in tonsils from live pigs in France. *Canadian Journal of Veterinary Research*, **2007**, 71, 14-22		30
183	Isolation and characterization of a capsule-deficient mutant of Actinobacillus pleuropneumoniae serotype 1. *Microbial Pathogenesis*, **2000**, 28, 279-89	3.8	29
182	Immune receptors involved in Streptococcus suis recognition by dendritic cells. *PLoS ONE*, **2012**, 7, e44746	3.7	29
181	Comparative sequence analysis of the capsular polysaccharide loci of Actinobacillus pleuropneumoniae serovars 1-18, and development of two multiplex PCRs for comprehensive capsule typing. *Veterinary Microbiology*, **2018**, 220, 83-89	3.3	28
180	Cell surface characteristics of nontypeable isolates of Streptococcus suis. *FEMS Microbiology Letters* , **2010**, 311, 160-6	2.9	28
179	Serotype and Genotype (Multilocus Sequence Type) of Streptococcus suis Isolates from the United States Serve as Predictors of Pathotype. *Journal of Clinical Microbiology*, **2019**, 57,	9.7	27

178	Sialylation of Streptococcus suis serotype 2 is essential for capsule expression but is not responsible for the main capsular epitope. *Microbes and Infection*, **2012**, 14, 941-50	9.3	27
177	Immunization with SsEno fails to protect mice against challenge with Streptococcus suis serotype 2. *FEMS Microbiology Letters*, **2009**, 294, 82-8	2.9	27
176	The cation-uptake regulators AdcR and Fur are necessary for full virulence of Streptococcus suis. *Veterinary Microbiology*, **2010**, 144, 246-9	3.3	27
175	Evaluation and field validation of PCR tests for detection of Actinobacillus pleuropneumoniae in subclinically infected pigs. *Journal of Clinical Microbiology*, **2003**, 41, 5085-93	9.7	27
174	Protection against Streptococcus suis Serotype 2 Infection Using a Capsular Polysaccharide Glycoconjugate Vaccine. *Infection and Immunity*, **2016**, 84, 2059-2075	3.7	27
173	Genotyping and investigating capsular polysaccharide synthesis gene loci of non-serotypeable Streptococcus suis isolated from diseased pigs in Canada. *Veterinary Research*, **2017**, 48, 10	3.8	26
172	Antibody response specific to the capsular polysaccharide is impaired in Streptococcus suis serotype 2-infected animals. *Infection and Immunity*, **2015**, 83, 441-53	3.7	26
171	Atypical Streptococcus suis in man, Argentina, 2013. *Emerging Infectious Diseases*, **2014**, 20, 500-2	10.2	26
170	Upregulation of prostaglandin E2 and matrix metalloproteinase 9 production by human macrophage-like cells: synergistic effect of capsular material and cell wall from Streptococcus suis. *Microbial Pathogenesis*, **2006**, 40, 29-34	3.8	26
169	Antimicrobial resistance patterns and plasmid profiles of Streptococcus suis isolates. *Journal of Veterinary Diagnostic Investigation*, **1992**, 4, 170-4	1.5	26
168	Toll-like receptor 2 is partially involved in the activation of murine astrocytes by Streptococcus suis, an important zoonotic agent of meningitis. *Journal of Neuroimmunology*, **2011**, 234, 71-83	3.5	25
167	Mutation in the LPS outer core biosynthesis gene, galU, affects LPS interaction with the RTX toxins ApxI and ApxII and cytolytic activity of Actinobacillus pleuropneumoniae serotype 1. *Molecular Microbiology*, **2008**, 70, 221-35	4.1	25
166	Eight Novel Capsular Polysaccharide Synthesis Gene Loci Identified in Nontypeable Streptococcus suis Isolates. *Applied and Environmental Microbiology*, **2015**, 81, 4111-9	4.8	24
165	Latest developments on Streptococcus suis: an emerging zoonotic pathogen: part 2. *Future Microbiology*, **2014**, 9, 587-91	2.9	24
164	Evaluation of long chain lipopolysaccharides (LC-LPS) of Actinobacillus pleuropneumoniae serotype 5 for the serodiagnosis of swine pleuropneumonia. *Veterinary Microbiology*, **1994**, 38, 315-27	3.3	24
163	Population Structure and Antimicrobial Resistance Profiles of Streptococcus suis Serotype 2 Sequence Type 25 Strains. *PLoS ONE*, **2016**, 11, e0150908	3.7	24
162	Explaining the Serological Characteristics of Streptococcus suis Serotypes 1 and 1/2 from Their Capsular Polysaccharide Structure and Biosynthesis. *Journal of Biological Chemistry*, **2016**, 291, 8387-98	5.4	24
161	Genetic diversity of Mycoplasma hyopneumoniae isolates of abattoir pigs. *Veterinary Microbiology*, **2014**, 168, 348-56	3.3	23

160	Identification of genes and genomic islands correlated with high pathogenicity in Streptococcus suis using whole genome tiling microarrays. *PLoS ONE*, **2011**, 6, e17987	3.7	23
159	Extracellular virulence factors of streptococci associated with animal diseases. *Frontiers in Bioscience - Landmark*, **2004**, 9, 1157-88	2.8	23
158	Development of an immunomagnetic method for selective isolation of Actinobacillus pleuropneumoniae serotype 1 from tonsils. *Journal of Clinical Microbiology*, **1998**, 36, 251-4	9.7	23
157	Mutations in the gene encoding the ancillary pilin subunit of the Streptococcus suis srtF cluster result in pili formed by the major subunit only. *PLoS ONE*, **2010**, 5, e8426	3.7	23
156	Suicin 3908, a new lantibiotic produced by a strain of Streptococcus suis serotype 2 isolated from a healthy carrier pig. *PLoS ONE*, **2015**, 10, e0117245	3.7	22
155	Pleiotropic effects of polysaccharide capsule loss on selected biological properties of Streptococcus suis. *Canadian Journal of Veterinary Research*, **2010**, 74, 65-70	0.5	22
154	Fifteen Streptococcus suis serotypes identified by multiplex PCR. *Journal of Medical Microbiology*, **2012**, 61, 1669-1672	3.2	21
153	Porcine brain microvascular endothelial cell-derived interleukin-8 is first induced and then degraded by Streptococcus suis. *Microbial Pathogenesis*, **2009**, 46, 135-43	3.8	21
152	Streptococcosis **2019**, 934-950		20
151	Streptococcus suis meningitis, Hawaii. *Emerging Infectious Diseases*, **2009**, 15, 2067-9	10.2	20
150	Streptococcus suis Infections in Humans: What is the prognosis for Western countries? (Part II). *Clinical Microbiology Newsletter*, **2010**, 32, 97-102	1.1	20
149	Susceptibility of Streptococcus suis to penicillin. *Journal of Veterinary Diagnostic Investigation*, **1991**, 3, 170-2	1.5	20
148	Immunomagnetic isolation of Streptococcus suis serotypes 2 and 1/2 from swine tonsils. *Journal of Clinical Microbiology*, **1999**, 37, 2877-81	9.7	20
147	Transcriptional Analysis of PRRSV-Infected Porcine Dendritic Cell Response to Streptococcus suis Infection Reveals Up-Regulation of Inflammatory-Related Genes Expression. *PLoS ONE*, **2016**, 11, e0156019	3.7	20
146	Simultaneous detection of 33 Streptococcus suis serotypes using the luminex xTAG® assay® *Journal of Microbiological Methods*, **2015**, 117, 95-9	2.8	19
145	Genotypic diversity of Streptococcus suis strains isolated from humans in Thailand. *European Journal of Clinical Microbiology and Infectious Diseases*, **2018**, 37, 917-925	5.3	19
144	The role of toll-like receptors in the pathogenesis of Streptococcus suis. *Veterinary Microbiology*, **2012**, 156, 147-56	3.3	19
143	Cloning, purification, and enzymatic properties of dipeptidyl peptidase IV from the swine pathogen Streptococcus suis. *Journal of Bacteriology*, **2005**, 187, 795-9	3.5	19

142	Population analysis of Streptococcus suis isolates from slaughtered swine by use of minimum core genome sequence typing. *Journal of Clinical Microbiology*, **2014**, 52, 3568-72	9.7	18
141	Molecular serotype identification of Streptococcus agalactiae of bovine origin by multiplex PCR-based reverse line blot (mPCR/RLB) hybridization assay. *FEMS Microbiology Letters*, **2006**, 263, 236-9	2.9	18
140	Role of the capsular polysaccharide as a virulence factor for Streptococcus suis serotype 14. *Canadian Journal of Veterinary Research*, **2015**, 79, 141-6	0.5	18
139	Urban Wild Boars and Risk for Zoonotic Streptococcus suis, Spain. *Emerging Infectious Diseases*, **2018**, 24, 1083-1086	10.2	17
138	Transcriptional approach to study porcine tracheal epithelial cells individually or dually infected with swine influenza virus and Streptococcus suis. *BMC Veterinary Research*, **2014**, 10, 86	2.7	17
137	Streptococcus suis-related prosthetic joint infection and streptococcal toxic shock-like syndrome in a pig farmer in the United States. *Journal of Clinical Microbiology*, **2014**, 52, 2254-8	9.7	17
136	An atypical biotype I Actinobacillus pleuropneumoniae serotype 13 is present in North America. *Veterinary Microbiology*, **2012**, 156, 403-10	3.3	17
135	Actinobacillus pleuropneumoniae serotypes 3, 6, 8 and 15 isolated from diseased pigs in North America. *Veterinary Record*, **2014**, 174, 452	0.9	17
134	Acquisition of plasmin activity and induction of arachidonic acid release by Streptococcus suis in contact with human brain microvascular endothelial cells. *FEMS Microbiology Letters*, **2005**, 252, 105-11	2.9	17
133	Inhibition of adherence of Actinobacillus pleuropneumoniae to porcine respiratory tract cells by monoclonal antibodies directed against LPS and partial characterization of the LPS receptors. *Current Microbiology*, **1999**, 39, 313-0320	2.4	17
132	Recruitment of Factor H to the Streptococcus suis Cell Surface is Multifactorial. *Pathogens*, **2016**, 5,	4.5	17
131	Actinobacillosis **2019**, 749-766		16
130	Capsular serotypes, virulence-associated genes and antimicrobial susceptibility of Streptococcus suis isolates from pigs in Korea. *Journal of Veterinary Medical Science*, **2017**, 79, 780-787	1.1	16
129	The protective protein Sao (surface antigen one) is not a critical virulence factor for Streptococcus suis serotype 2. *Microbial Pathogenesis*, **2014**, 67-68, 31-5	3.8	16
128	Deregulated balance of omega-6 and omega-3 polyunsaturated fatty acids following infection by the zoonotic pathogen Streptococcus suis. *Infection and Immunity*, **2014**, 82, 1778-85	3.7	16
127	Identification and characterization of a new cell surface protein possessing factor H-binding activity in the swine pathogen and zoonotic agent Streptococcus suis. *Journal of Medical Microbiology*, **2013**, 62, 1073-1080	3.2	16
126	Proposal of Actinobacillus pleuropneumoniae serovar 19, and reformulation of previous multiplex PCRs for capsule-specific typing of all known serovars. *Veterinary Microbiology*, **2021**, 255, 109021	3.3	16
125	Intra-Species and Inter-Species Differences in Cytokine Production by Porcine Antigen-Presenting Cells Stimulated by , , and. *Pathogens*, **2019**, 8,	4.5	15

124	Human Case of Streptococcus suis Disease, Ontario, Canada. *Emerging Infectious Diseases*, **2017**, 23, 2107-2109	10.2	15
123	Structure determination of Streptococcus suis serotype 9 capsular polysaccharide and assignment of functions of the cps locus genes involved in its biosynthesis. *Carbohydrate Research*, **2016**, 433, 25-30	2.9	15
122	Suicin 90-1330 from a nonvirulent strain of Streptococcus suis: a nisin-related lantibiotic active on gram-positive swine pathogens. *Applied and Environmental Microbiology*, **2014**, 80, 5484-92	4.8	15
121	Chromosomal Conjugative and Mobilizable Elements in : Major Actors in the Spreading of Antimicrobial Resistance and Bacteriocin Synthesis Genes. *Pathogens*, **2019**, 9,	4.5	15
120	A Locus Encoding Variable Defense Systems against Invading DNA Identified in Streptococcus suis. *Genome Biology and Evolution*, **2017**, 9, 1000-1012	3.9	14
119	Interactions of Streptococcus suis serotype 2 with human meningeal cells and astrocytes. *BMC Research Notes*, **2015**, 8, 607	2.3	14
118	Purification and Characterization of Suicin 65, a Novel Class I Type B Lantibiotic Produced by Streptococcus suis. *PLoS ONE*, **2015**, 10, e0145854	3.7	14
117	Assessment of MALDI-TOF MS as Alternative Tool for Streptococcus suis Identification. *Frontiers in Public Health*, **2015**, 3, 202	6	14
116	Serotyping Actinobacillus pleuropneumoniae by the use of monoclonal antibodies. *Journal of Veterinary Diagnostic Investigation*, **1997**, 9, 337-41	1.5	14
115	Distribution of capsular serotypes and virulence markers of Streptococcus suis isolated from pigs with polyserositis in Korea. *Canadian Journal of Veterinary Research*, **2010**, 74, 314-6	0.5	14
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