

# Dominiek Maes

## List of Publications by Year in descending order

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Version: 2024-02-01

156  
papers

5,480  
citations

94381

37  
h-index

102432

66  
g-index

161  
all docs

161  
docs citations

161  
times ranked

3549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of <i>Mycoplasma hyopneumoniae</i> infections in pigs. <i>Veterinary Microbiology</i> , 2008, 126, 297-309.	0.8	321
2	Efficacy of vaccines against bacterial diseases in swine: what can we expect?. <i>Veterinary Microbiology</i> , 2004, 100, 255-268.	0.8	226
3	Relationship between biosecurity and production/antimicrobial treatment characteristics in pig herds. <i>Veterinary Journal</i> , 2013, 198, 508-512.	0.6	200
4	Prophylactic and metaphylactic antimicrobial use in Belgian fattening pig herds. <i>Preventive Veterinary Medicine</i> , 2012, 106, 53-62.	0.7	195
5	Update on <i>Mycoplasma hyopneumoniae</i> infections in pigs: Knowledge gaps for improved disease control. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 110-124.	1.3	184
6	Quantification and evaluation of antimicrobial drug use in group treatments for fattening pigs in Belgium. <i>Preventive Veterinary Medicine</i> , 2006, 74, 251-263.	0.7	181
7	Current perspectives on the diagnosis and epidemiology of <i>Mycoplasma hyopneumoniae</i> infection. <i>Veterinary Journal</i> , 2009, 181, 221-231.	0.6	142
8	Enzootic pneumonia in pigs. <i>Veterinary Quarterly</i> , 1996, 18, 104-109.	3.0	127
9	Diseases in swine transmitted by artificial insemination: An overview. <i>Theriogenology</i> , 2008, 70, 1337-1345.	0.9	115
10	Reducing Antimicrobial Usage in Pig Production without Jeopardizing Production Parameters. <i>Zoonoses and Public Health</i> , 2017, 64, 63-74.	0.9	113
11	Pig, cattle and poultry farmers with a known interest in research have comparable perspectives on disease prevention and on-farm biosecurity. <i>Preventive Veterinary Medicine</i> , 2014, 115, 1-9.	0.7	108
12	A survey on biosecurity and management practices in Belgian pig herds. <i>Preventive Veterinary Medicine</i> , 2008, 83, 228-241.	0.7	104
13	Herd factors associated with the seroprevalences of four major respiratory pathogens in slaughter pigs from farrow-to-finish pig herds. <i>Veterinary Research</i> , 2000, 31, 313-327.	1.1	100
14	Evaluation of virulence of <i>Mycoplasma hyopneumoniae</i> field isolates. <i>Veterinary Microbiology</i> , 2003, 97, 177-190.	0.8	97
15	Boar management and semen handling factors affect the quality of boar extended semen. <i>Porcine Health Management</i> , 2017, 3, 15.	0.9	94
16	A cross-sectional study of risk factors associated with pulmonary lesions in pigs at slaughter. <i>Veterinary Journal</i> , 2011, 187, 388-392.	0.6	88
17	Effect of vaccination against <i>Mycoplasma hyopneumoniae</i> in pig herds with an all-in/all-out production system. <i>Vaccine</i> , 1999, 17, 1024-1034.	1.7	87
18	Comparison of transmission of <i>Mycoplasma hyopneumoniae</i> in vaccinated and non-vaccinated populations. <i>Vaccine</i> , 2006, 24, 7081-7086.	1.7	79

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19	Effect of Antimicrobial Consumption and Production Type on Antibacterial Resistance in the Bovine Respiratory and Digestive Tract. PLoS ONE, 2016, 11, e0146488.	1.1	74
20	Non-infectious factors associated with stillbirth in pigs: A review. Animal Reproduction Science, 2013, 139, 76-88.	0.5	71
21	Piglets $\times$ 3 colostrum intake associates with daily weight gain and survival until weaning. Livestock Science, 2014, 162, 185-192.	0.6	69
22	Prevalence and risk factors of claw lesions and lameness in pregnant sows in two types of group housing. Veterinarni Medicina, 2011, 56, 101-109.	0.2	68
23	Quantification of the spread of Mycoplasma hyopneumoniae in nursery pigs using transmission experiments. Preventive Veterinary Medicine, 2004, 66, 265-275.	0.7	65
24	Mycoplasma hyopneumoniae: From disease to vaccine development. Veterinary Microbiology, 2013, 165, 234-242.	0.8	63
25	Impact of particulate matter and ammonia on average daily weight gain, mortality and lung lesions in pigs. Preventive Veterinary Medicine, 2015, 121, 99-107.	0.7	62
26	The effect of vaccination on the transmission of Mycoplasma hyopneumoniae in pigs under field conditions. Veterinary Journal, 2011, 188, 48-52.	0.6	59
27	Prevalence of lameness and claw lesions during different stages in thereproductive cycle of sows and the impact on reproduction results. Animal, 2013, 7, 1174-1181.	1.3	56
28	Comparison of molecular techniques for the typing of Mycoplasma hyopneumoniae isolates. Journal of Microbiological Methods, 2006, 66, 263-275.	0.7	52
29	Scoring biosecurity in European conventional broiler production. Poultry Science, 2018, 97, 74-83.	1.5	50
30	In Vitro Susceptibilities of Mycoplasma hyopneumoniae Field Isolates. Antimicrobial Agents and Chemotherapy, 2004, 48, 4470-4472.	1.4	49
31	Sow and piglet factors determining variation of colostrum intake between and within litters. Animal, 2017, 11, 1336-1343.	1.3	49
32	Presence of Antimicrobial Resistance and Antimicrobial Use in Sows Are Risk Factors for Antimicrobial Resistance in Their Offspring. Microbial Drug Resistance, 2015, 21, 50-58.	0.9	48
33	Multiple-Locus Variable-Number Tandem-Repeat Analysis Is a Suitable Tool for Differentiation of Mycoplasma hyopneumoniae Strains without Cultivation. Journal of Clinical Microbiology, 2011, 49, 2020-2023.	1.8	47
34	Local and systemic immune responses in pigs intramuscularly injected with an inactivated Mycoplasma hyopneumoniae vaccine. Vaccine, 2013, 31, 1305-1311.	1.7	46
35	Infection with a low virulent Mycoplasma hyopneumoniae isolate does not protect piglets against subsequent infection with a highly virulent M. hyopneumoniae isolate. Vaccine, 2009, 27, 1875-1879.	1.7	44
36	Effect of vaccination of pigs against experimental infection with high and low virulence Mycoplasma hyopneumoniae strains. Vaccine, 2011, 29, 1731-1735.	1.7	44

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37	Assessment of lameness and claw lesions in sows. <i>Livestock Science</i> , 2013, 156, 10-23.	0.6	42
38	Ad libitum feeding during the peripartal period affects body condition, reproduction results and metabolism of sows. <i>Animal Reproduction Science</i> , 2014, 145, 130-140.	0.5	40
39	Validation of ATP luminometry for rapid and accurate titration of <i>Mycoplasma hyopneumoniae</i> in Friis medium and a comparison with the color changing units assay. <i>Journal of Microbiological Methods</i> , 2010, 83, 335-340.	0.7	39
40	The Effect of Vaccination against <i>Mycoplasma hyopneumoniae</i> in Pig Herds with a Continuous Production System. <i>Zoonoses and Public Health</i> , 1998, 45, 495-505.	1.4	38
41	Characterization of In Vivo Acquired Resistance of <i>Mycoplasma hyopneumoniae</i> to Macrolides and Lincosamides. <i>Microbial Drug Resistance</i> , 2005, 11, 290-294.	0.9	38
42	Patterns of <i>Mycoplasma hyopneumoniae</i> Infections in Belgian Farrow-to-Finish Pig Herds with Diverging Disease-Course. <i>Zoonoses and Public Health</i> , 2002, 49, 349-353.	1.4	36
43	Interactions of highly and low virulent <i>Mycoplasma hyopneumoniae</i> isolates with the respiratory tract of pigs. <i>Veterinary Microbiology</i> , 2007, 120, 87-95.	0.8	36
44	Development of a system for automatic measurements of force and visual stance variables for objective lameness detection in sows: SowSIS. <i>Biosystems Engineering</i> , 2013, 116, 64-74.	1.9	36
45	Impact of group housing of pregnant sows on health. <i>Porcine Health Management</i> , 2016, 2, 17.	0.9	36
46	Antimicrobial susceptibility monitoring of <i>Mycoplasma hyopneumoniae</i> and <i>Mycoplasma bovis</i> isolated in Europe. <i>Veterinary Microbiology</i> , 2017, 204, 188-193.	0.8	36
47	Effect of peripartal feeding strategy on colostrum yield and composition in sows1. <i>Journal of Animal Science</i> , 2014, 92, 3557-3567.	0.2	35
48	Review of transmission routes of 24 infectious diseases preventable by biosecurity measures and comparison of the implementation of these measures in pig herds in six European countries. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 381-398.	1.3	35
49	Risk factors for poor health and performance in European broiler production systems. <i>BMC Veterinary Research</i> , 2020, 16, 287.	0.7	35
50	Interactions between oocytes and cumulus cells during in vitro maturation of porcine cumulus-oocyte complexes in a chemically defined medium: Effect of denuded oocytes on cumulus expansion and oocyte maturation. <i>Theriogenology</i> , 2015, 83, 567-576.	0.9	33
51	High biosecurity and welfare standards in fattening pig farms are associated with reduced antimicrobial use. <i>Animal</i> , 2020, 14, 2178-2186.	1.3	33
52	A longitudinal study of the diversity and dynamics of <i>Mycoplasma hyopneumoniae</i> infections in pig herds. <i>Veterinary Microbiology</i> , 2012, 156, 315-321.	0.8	32
53	Porcine semen as a vector for transmission of viral pathogens. <i>Theriogenology</i> , 2016, 85, 27-38.	0.9	31
54	Systems Immunology Characterization of Novel Vaccine Formulations for <i>Mycoplasma hyopneumoniae</i> Bacterins. <i>Frontiers in Immunology</i> , 2019, 10, 1087.	2.2	31

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55	Protein variability among <i>Mycoplasma hyopneumoniae</i> isolates. <i>Veterinary Microbiology</i> , 2007, 120, 284-291.	0.8	30
56	Immune responses of a chimaeric protein vaccine containing <i>Mycoplasma hyopneumoniae</i> antigens and LT6 against experimental <i>M. hyopneumoniae</i> infection in pigs. <i>Vaccine</i> , 2014, 32, 4689-4694.	1.7	30
57	Impact of diversity of <i>Mycoplasma hyopneumoniae</i> strains on lung lesions in slaughter pigs. <i>Veterinary Research</i> , 2017, 48, 2.	1.1	30
58	Increasing the cAMP concentration during <i>in vitro</i> maturation of pig oocytes improves cumulus maturation and subsequent fertilization <i>in vitro</i> . <i>Theriogenology</i> , 2015, 83, 344-352.	0.9	29
59	Resistance Mechanism Against Fluoroquinolones in <i>Mycoplasma hyopneumoniae</i> Field Isolates. <i>Microbial Drug Resistance</i> , 2007, 13, 166-170.	0.9	28
60	Treatment and prevention of lameness with special emphasis on claw disorders in group-housed sows. <i>Livestock Science</i> , 2013, 156, 36-43.	0.6	28
61	Vaccination reduces macrophage infiltration in bronchus-associated lymphoid tissue in pigs infected with a highly virulent <i>Mycoplasma hyopneumoniae</i> strain. <i>BMC Veterinary Research</i> , 2012, 8, 24.	0.7	27
62	Effect of challenge of pigs previously immunised with inactivated vaccines containing homologous and heterologous <i>Mycoplasma hyopneumoniae</i> strains. <i>BMC Veterinary Research</i> , 2012, 8, 2.	0.7	27
63	Factors associated with specific health, welfare and reproductive performance indicators in pig herds from five EU countries. <i>Preventive Veterinary Medicine</i> , 2018, 159, 106-114.	0.7	26
64	Efficacy of vaccination against <i>Actinobacillus pleuropneumoniae</i> in two Belgian farrow-to-finish pig herds with a history of chronic pleurisy. <i>Veterinary Record</i> , 2014, 174, 302-302.	0.2	25
65	Local and systemic immune responses induced by a recombinant chimeric protein containing <i>Mycoplasma hyopneumoniae</i> antigens fused to the B subunit of <i>Escherichia coli</i> heat-labile enterotoxin LT6. <i>Veterinary Microbiology</i> , 2014, 173, 166-171.	0.8	25
66	Comparison of the inter- and intra-observer repeatability of three gait-scoring scales for sows. <i>Animal</i> , 2014, 8, 650-659.	1.3	24
67	Benefit to cost of vaccination against <i>mycoplasma hyopneumoniae</i> in pig herds under Belgian market conditions from 1996 to 2000. <i>Livestock Science</i> , 2003, 83, 85-93.	1.2	23
68	Evidence of indirect transmission of classical swine fever virus through contacts with people. <i>Veterinary Record</i> , 2007, 160, 687-690.	0.2	23
69	Evaluation of three intervention strategies to reduce the transmission of <i>Salmonella Typhimurium</i> in pigs. <i>Veterinary Journal</i> , 2013, 197, 613-618.	0.6	23
70	Online warning systems for individual fattening pigs based on their feeding pattern. <i>Biosystems Engineering</i> , 2018, 173, 143-156.	1.9	23
71	Connecting Different Data Sources to Assess the Interconnections between Biosecurity, Health, Welfare, and Performance in Commercial Pig Farms in Great Britain. <i>Frontiers in Veterinary Science</i> , 2018, 5, 41.	0.9	23
72	Risk Indicators for the Seroprevalence of <i>Mycoplasma hyopneumoniae</i> , Porcine Influenza Viruses and Aujeszky's Disease Virus in Slaughter Pigs from Fattening Pig Herds. <i>Zoonoses and Public Health</i> , 1999, 46, 341-352.	1.4	22

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73	Mycoplasma hyopneumoniae infections in peri-weaned and post-weaned pigs in Belgium and The Netherlands: Prevalence and associations with climatic conditions. <i>Veterinary Journal</i> , 2015, 205, 93-97.	0.6	21
74	Environment-, health-, performance- and welfare-related parameters in pig barns with natural and mechanical ventilation. <i>Preventive Veterinary Medicine</i> , 2020, 183, 105-150.	0.7	21
75	Perspectives for improvement of Mycoplasma hyopneumoniae vaccines in pigs. <i>Veterinary Research</i> , 2021, 52, 67.	1.1	21
76	Efficacy of in-feed medication with tylosin for the treatment and control of Mycoplasma hyopneumoniae infections. <i>Veterinary Record</i> , 2005, 156, 606-610.	0.2	20
77	Comparison of oral versus parenteral iron supplementation on the health and productivity of piglets. <i>Veterinary Record</i> , 2011, 168, 188-188.	0.2	20
78	Efficacy of early Mycoplasma hyopneumoniae vaccination against mixed respiratory disease in older fattening pigs. <i>Veterinary Record</i> , 2014, 174, 197-197.	0.2	20
79	Reproduction of group-housed sows. <i>Porcine Health Management</i> , 2016, 2, 15.	0.9	20
80	Clinical evaluation of intradermal vaccination against porcine enzootic pneumonia (Mycoplasma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	19
81	Role of mycotoxins in herds with and without problems with tail necrosis in neonatal pigs. <i>Veterinary Record</i> , 2017, 181, 539-539.	0.2	19
82	Mycoplasma hyopneumoniae variability: Current trends and proposed terminology for genomic classification. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1840-1854.	1.3	19
83	Efficacy of Mycoplasma hyopneumoniae vaccination before and at weaning against experimental challenge infection in pigs. <i>BMC Veterinary Research</i> , 2016, 12, 63.	0.7	18
84	Cytokine expression and Mycoplasma hyopneumoniae burden in the development of lung lesions in experimentally inoculated pigs. <i>Veterinary Microbiology</i> , 2020, 244, 108647.	0.8	18
85	Artificial Insemination in Pigs. , 0, , .		17
86	Typical indoor concentrations and emission rates of particulate matter at building level: A case study to setup a measuring strategy for pig fattening facilities. <i>Biosystems Engineering</i> , 2012, 111, 280-289.	1.9	17
87	Factors affecting mechanical nociceptive thresholds in healthy sows. <i>Veterinary Anaesthesia and Analgesia</i> , 2016, 43, 343-355.	0.3	17
88	Efficacy of one dose vaccination against experimental infection with two Mycoplasma hyopneumoniae strains. <i>BMC Veterinary Research</i> , 2017, 13, 274.	0.7	17
89	In vitro susceptibility of Brachyspira hyodysenteriae to organic acids and essential oil components. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 325-328.	0.3	16
90	Efficacy of three innovative bacterin vaccines against experimental infection with Mycoplasma hyopneumoniae. <i>Veterinary Research</i> , 2019, 50, 91.	1.1	16

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91	Effectiveness of treatment with lincomycin hydrochloride and/or vaccination against <i>Mycoplasma hyopneumoniae</i> for controlling chronic respiratory disease in a herd of pigs. <i>Veterinary Record</i> , 2002, 151, 135-140.	0.2	15
92	Efficacy of florfenicol injection in the treatment of <i>Mycoplasma hyopneumoniae</i> induced respiratory disease in pigs. <i>Veterinary Journal</i> , 2012, 194, 420-422.	0.6	15
93	Dynamics of <i>Mycoplasma hyopneumoniae</i> seroconversion and infection in pigs in the three main production systems. <i>Veterinary Research Communications</i> , 2016, 40, 81-88.	0.6	15
94	Use of a live attenuated <i>Salmonella enterica</i> serovar Typhimurium vaccine on farrow-to-finish pig farms. <i>Veterinary Journal</i> , 2014, 202, 303-308.	0.6	14
95	Semi-quantitative risk assessment by expert elicitation of potential introduction routes of African swine fever from wild reservoir to domestic pig industry and subsequent spread during the Belgian outbreak (2018-2019). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2761-2773.	1.3	14
96	Induction of seroconversion and persistence of <i>Salmonella</i> Typhimurium in pigs are strain dependent. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2013, 36, 465-471.	0.7	12
97	Fluctuation of potential zinc status biomarkers throughout a reproductive cycle of primiparous and multiparous sows. <i>British Journal of Nutrition</i> , 2015, 114, 544-552.	1.2	12
98	Influence of co-culture with denuded oocytes during <i>in vitro</i> maturation on fertilization and developmental competence of cumulus-enclosed porcine oocytes in a defined system. <i>Animal Science Journal</i> , 2016, 87, 503-510.	0.6	12
99	Antimicrobial treatment of <i>Mycoplasma hyopneumoniae</i> infections. <i>Veterinary Journal</i> , 2020, 259-260, 105474.	0.6	12
100	Locomotion Disorders and Skin and Claw Lesions in Gestating Sows Housed in Dynamic versus Static Groups. <i>PLoS ONE</i> , 2016, 11, e0163625.	1.1	12
101	<i>Mycoplasma hyopneumoniae</i> vaccination at or shortly before weaning under field conditions: a randomised efficacy trial. <i>Veterinary Record</i> , 2017, 181, 19-19.	0.2	11
102	Bacteriological evaluation of vaccination against <i>Salmonella</i> Typhimurium with an attenuated vaccine in subclinically infected pig herds. <i>Preventive Veterinary Medicine</i> , 2020, 182, 104687.	0.7	11
103	Vaccination against <i>Mycoplasma hyopneumoniae</i> infection in pigs: Room for improvement. <i>Veterinary Journal</i> , 2014, 200, 214-215.	0.6	10
104	Tn-sequencing of <i>Mycoplasma hyopneumoniae</i> and <i>Mycoplasma hyorhinis</i> mutant libraries reveals non-essential genes of porcine mycoplasmas differing in pathogenicity. <i>Veterinary Research</i> , 2019, 50, 55.	1.1	10
105	Short Communication: effect of positive handling of sows on litter performance and pre-weaning piglet mortality. <i>Animal</i> , 2020, 14, 1733-1739.	1.3	10
106	Effect of rubber flooring on group-housed sows' gait and claw and skin lesions <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 2086-2096.	0.2	9
107	Impact of parity on bone metabolism throughout the reproductive cycle in sows. <i>Animal</i> , 2016, 10, 1714-1721.	1.3	9
108	Implementing drinking water feed additive strategies in post-weaning piglets, antibiotic reduction and performance impacts: case study. <i>Porcine Health Management</i> , 2016, 2, 25.	0.9	9

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109	Porcine ear necrosis. <i>Veterinary Journal</i> , 2021, 271, 105655.	0.6	9
110	A critical assessment of the effect of serine protease inhibitors on porcine fertilization and quality parameters of porcine spermatozoa in vitro. <i>Reproductive Biology</i> , 2015, 15, 9-19.	0.9	8
111	Marginal dietary zinc concentration affects claw conformation measurements but not histological claw characteristics in weaned pigs. <i>Veterinary Journal</i> , 2016, 209, 98-107.	0.6	8
112	A systemic integrative framework to describe comprehensively a swine health system, Flanders as an example. <i>Preventive Veterinary Medicine</i> , 2018, 154, 30-46.	0.7	8
113	Use of trachea-bronchial swab qPCR testing to confirm <i>Mycoplasma hyopneumoniae</i> seropositivity in an SPF breeding herd. <i>Porcine Health Management</i> , 2018, 4, 12.	0.9	8
114	Co-infections by <i>Mycoplasma hyopneumoniae</i> , <i>Mycoplasma hyorhinis</i> and <i>Mycoplasma flocculare</i> in macroscopic lesions of lung consolidation of pigs at slaughter. <i>Veterinary Microbiology</i> , 2021, 258, 109123.	0.8	8
115	Accuracy of Trans-abdominal Ultrasound Pregnancy Diagnosis in Sows using a Linear or Sector Probe. <i>Reproduction in Domestic Animals</i> , 2006, 41, 438-443.	0.6	7
116	Health advantages of transition to batch management system in farrow-to-finish pig herds. <i>Veterinari Medicina</i> , 2012, 57, 83-91.	0.2	7
117	Effect of locomotion score on sows' performances in a feed reward collection test. <i>Animal</i> , 2015, 9, 1698-1703.	1.3	7
118	Effects of attenuated vaccine protocols against <i>Salmonella</i> Typhimurium on <i>Salmonella</i> serology in subclinically infected pig herds. <i>Veterinary Journal</i> , 2019, 249, 67-72.	0.6	7
119	Prophylactic Use of Meloxicam and Paracetamol in Peripartal Sows Suffering From Postpartum Dysgalactia Syndrome. <i>Frontiers in Veterinary Science</i> , 2020, 7, 603719.	0.9	7
120	Purchasing policy, quarantine and acclimation practices of breeding gilts in Belgian pig farms. <i>Porcine Health Management</i> , 2021, 7, 25.	0.9	7
121	On-Farm Claw Scoring in Sows Using a Novel Mobile Device. <i>Sensors</i> , 2019, 19, 1473.	2.1	6
122	Implementation and evaluation of different eradication strategies for <i>Brachyspira hyodysenteriae</i> . <i>Porcine Health Management</i> , 2020, 6, 27.	0.9	6
123	Effect of sow vaccination against porcine circovirus type 2 (PCV2) on virological profiles in herds with or without PCV2 systemic disease. <i>Canadian Veterinary Journal</i> , 2016, 57, 619-28.	0.0	6
124	Clinical impact of deoxynivalenol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on the severity of an experimental <i>Mycoplasma hyopneumoniae</i> infection in pigs. <i>BMC Veterinary Research</i> , 2018, 14, 190.	0.7	5
125	Combining quantitative and qualitative approaches to determine viability of a potential <i>Salmonella</i> Typhimurium vaccination program in pigs in Belgium. <i>Preventive Veterinary Medicine</i> , 2020, 184, 105132.	0.7	5
126	Transfer of <i>Mycoplasma hyopneumoniae</i> -specific cell mediated immunity to neonatal piglets. <i>Veterinary Research</i> , 2021, 52, 96.	1.1	5

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127	Porcine ear necrosis in weaned piglets: prevalence and impact on daily weight gain. <i>Porcine Health Management</i> , 2021, 7, 61.	0.9	5
128	Erythema Multiforme Associated with Respiratory Disease in a Commercial Breeding Pig Herd. <i>Viral Immunology</i> , 2015, 28, 464-471.	0.6	4
129	Hampered cumulus expansion of porcine cumulus oocyte complexes by excessive presence of alpha <sub>2</sub> macroglobulin is likely mediated via inhibition of zinc-dependent metalloproteases. <i>Animal Science Journal</i> , 2017, 88, 1279-1290.	0.6	4
130	Increased viral read counts and metagenomic full genome characterization of porcine astrovirus 4 and Posavirus 1 in sows in a swine farm with unexplained neonatal piglet diarrhea. <i>Virus Genes</i> , 2020, 56, 696-704.	0.7	4
131	Evaluation of group vaccination of sows and gilts against Salmonella Typhimurium with an attenuated vaccine in subclinically infected pig herds. <i>Preventive Veterinary Medicine</i> , 2020, 182, 104884.	0.7	4
132	Dynamics and chronology of Mycoplasma hyopneumoniae strain 232 infection in experimentally inoculated swine. <i>Porcine Health Management</i> , 2021, 7, 42.	0.9	4
133	Disease identification and management on the pig farm. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 77-100.	0.1	4
134	Investigation of Fas (APO-1)-Related Apoptosis in Piglets Intradermally or Intramuscularly Vaccinated with a Commercial PRRSV MLV. <i>Viral Immunology</i> , 2022, 35, 129-137.	0.6	4
135	Inhibitors of serine proteases decrease sperm penetration during porcine fertilization in vitro by inhibiting sperm binding to the zona pellucida and acrosome reaction. <i>Theriogenology</i> , 2015, 84, 1378-1386.	0.9	3
136	Method for collecting and immobilizing individual cumulus cells enabling quantitative immunofluorescence analysis of proteins. <i>Analytical Biochemistry</i> , 2015, 480, 31-33.	1.1	3
137	Relationship between semen quality and meat quality traits in Belgian PiÅ©train boars. <i>Livestock Science</i> , 2017, 205, 36-42.	0.6	3
138	Carcass gain per kg feed intake: developing a stakeholder-driven benchmark for comparing grow-finishing pig performance. <i>Animal</i> , 2020, 14, 2609-2618.	1.3	3
139	Faecal pH throughout the reproductive cycle of sows in commercial pig herds. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 687-692.	1.0	3
140	Evaluation of the agreement between Brix refractometry and serum immunoglobulin concentration in neonatal piglets. <i>Animal</i> , 2021, 15, 100041.	1.3	3
141	Effects of dietary fibre on metabolism and performance in sows. <i>Polish Journal of Veterinary Sciences</i> , 2021, 24, 271-279.	0.2	3
142	The role of co-infections in M. hyopneumoniae outbreaks among heavy fattening pigs: a field study. <i>Veterinary Research</i> , 2022, 53, .	1.1	3
143	Influence of parity and reproductive stage on the prevalence of Mycoplasma hyopneumoniae in breeding animals in belgian farrow-to-finish pig herds. <i>Porcine Health Management</i> , 2022, 8, .	0.9	3
144	Effect of a GnRH analogue (peforelin) on the litter performance of gilts and sows. <i>Porcine Health Management</i> , 2017, 3, 6.	0.9	2

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145	Prevalence and chemical composition of uroliths in fattening pigs in Belgium. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1828-1836.	1.0	2
146	Factors influencing claw lesion scoring in sows. <i>Preventive Veterinary Medicine</i> , 2020, 175, 104859.	0.7	2
147	Vaccines and vaccination against <i>Mycoplasma hyopneumoniae</i> .. , 2021, , 207-228.		2
148	Antimicrobial susceptibility monitoring of <i>Mycoplasma hyopneumoniae</i> isolated from seven European countries during 2015â€“2016. <i>Veterinary Microbiology</i> , 2021, 253, 108973.	0.8	2
149	High Heritabilities for Antibiotic Usage Show Potential to Breed for Disease Resistance in Finishing Pigs. <i>Antibiotics</i> , 2021, 10, 829.	1.5	2
150	Influence of <i>Mycoplasma hyopneumoniae</i> natural infection on the respiratory microbiome diversity of finishing pigs. <i>Veterinary Research</i> , 2022, 53, 20.	1.1	2
151	Determining the Characteristics of Farms That Raise Pigs without Antibiotics. <i>Animals</i> , 2022, 12, 1224.	1.0	2
152	Economic feasibility of interventions targeted at decreasing piglet perinatal and pre-weaning mortality across European countries. <i>Porcine Health Management</i> , 2022, 8, .	0.9	2
153	Efficacy of Tilmicosin Phosphate (Pulmotil <sup>®</sup> Premix) in Feed for the Treatment of a Clinical Outbreak of <i>Actinobacillus pleuropneumoniae</i> Infection in Growingâ€“Finishing Pigs. <i>Zoonoses and Public Health</i> , 2001, 48, 655-664.	1.4	1
154	Control and prevention of bacterial diseases in swine. , 2021, , 171-198.		1
155	A case of clubbed down syndrome in broilers. <i>Avian Pathology</i> , 2021, 50, 112-123.	0.8	0
156	Bacterial diseases in pigs and poultry: Occurrence, epidemiology, and biosecurity measures. , 2021, , 25-51.		0