

# Georg von Samson-Himmelstjerna

## List of Publications by Year in descending order

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86  
papers

2,533  
citations

201674

27  
h-index

233421

45  
g-index

86  
all docs

86  
docs citations

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times ranked

2245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in candidate-gene and whole-genome approaches to the discovery of anthelmintic resistance markers and the description of drug/receptor interactions. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 164-184.	3.4	149
2	Anthelmintic resistance to ivermectin and moxidectin in gastrointestinal nematodes of cattle in Europe. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2015, 5, 163-171.	3.4	123
3	Increasing importance of anthelmintic resistance in European livestock: creation and meta-analysis of an open database. <i>Parasite</i> , 2020, 27, 69.	2.0	110
4	Standardization of the egg hatch test for the detection of benzimidazole resistance in parasitic nematodes. <i>Parasitology Research</i> , 2009, 105, 825-834.	1.6	105
5	Genetic blueprint of the zoonotic pathogen <i>Toxocara canis</i> . <i>Nature Communications</i> , 2015, 6, 6145.	12.8	103
6	Control of helminth ruminant infections by 2030. <i>Parasitology</i> , 2018, 145, 1655-1664.	1.5	97
7	Reduced efficacy of albendazole against <i>Ascaris lumbricoides</i> in Rwandan schoolchildren. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 262-271.	3.4	95
8	Anthelmintic resistance in equine parasites – detection, potential clinical relevance and implications for control. <i>Veterinary Parasitology</i> , 2012, 185, 2-8.	1.8	93
9	Tungiasis – A Neglected Disease with Many Challenges for Global Public Health. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3133.	3.0	91
10	Global Change and Helminth Infections in Grazing Ruminants in Europe: Impacts, Trends and Sustainable Solutions. <i>Agriculture (Switzerland)</i> , 2013, 3, 484-502.	3.1	82
11	Discrimination of Gastrointestinal Nematode Eggs from Crude Fecal Egg Preparations by Inhibitor-Resistant Conventional and Real-Time PCR. <i>PLoS ONE</i> , 2013, 8, e61285.	2.5	70
12	Pathogens in ticks collected from dogs in Berlin/Brandenburg, Germany. <i>Parasites and Vectors</i> , 2014, 7, 535.	2.5	63
13	Phylogenetic Characterization of $\beta$ -Tubulins and Development of Pyrosequencing Assays for Benzimidazole Resistance in Cattle Nematodes. <i>PLoS ONE</i> , 2013, 8, e70212.	2.5	54
14	100 Questions in Livestock Helminthology Research. <i>Trends in Parasitology</i> , 2019, 35, 52-71.	3.3	54
15	The Mitochondrial Genomes of the Zoonotic Canine Filarial Parasites <i>Dirofilaria (Nochtiella) repens</i> and <i>Candidatus Dirofilaria (Nochtiella) honkongensis</i> Provide Evidence for Presence of Cryptic Species. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005028.	3.0	47
16	Animal Reservoirs of Zoonotic Tungiasis in Endemic Rural Villages of Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004126.	3.0	46
17	Evaluation of the Egg Hatch Assay and the Larval Migration Inhibition Assay to detect anthelmintic resistance in cattle parasitic nematodes on farms. <i>Parasitology International</i> , 2012, 61, 614-618.	1.3	42
18	Benzimidazole resistance survey for <i>Haemonchus</i> , <i>Teladorsagia</i> and <i>Trichostrongylus</i> in three European countries using pyrosequencing including the development of new assays for <i>Trichostrongylus</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 230-240.	3.4	42

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19	Characterization of the Ca <sup>2+</sup> -Gated and Voltage-Dependent K <sup>+</sup> -Channel Slo-1 of Nematodes and Its Interaction with Emodepside. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3401.	3.0	40
20	Tick infestation and prophylaxis of dogs in northeastern Germany: A prospective study. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 336-342.	2.7	38
21	Transgenically expressed Parascaris P-glycoprotein-11 can modulate ivermectin susceptibility in <i>Caenorhabditis elegans</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2015, 5, 44-47.	3.4	37
22	Vector-borne pathogens in dogs and red foxes from the federal state of Brandenburg, Germany. <i>Veterinary Parasitology</i> , 2016, 224, 44-51.	1.8	37
23	New codon 198 $\beta$ -tubulin polymorphisms in highly benzimidazole resistant <i>Haemonchus contortus</i> from goats in three different states in Sudan. <i>Parasites and Vectors</i> , 2020, 13, 114.	2.5	37
24	The in vitro assay profile of macrocyclic lactone resistance in three species of sheep trichostrongyloids. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2013, 3, 109-118.	3.4	34
25	<i>Dermacentor reticulatus</i> in Berlin/Brandenburg (Germany): Activity patterns and associated pathogens. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 191-206.	2.7	32
26	Amplification of ribosomal DNA of Anoplocephalidae: <i>Anoplocephala perfoliata</i> diagnosis by PCR as a possible alternative to coprological methods. <i>Veterinary Parasitology</i> , 2004, 124, 205-215.	1.8	30
27	Small rodents as paratenic or intermediate hosts of carnivore parasites in Berlin, Germany. <i>PLoS ONE</i> , 2017, 12, e0172829.	2.5	30
28	Molecular diagnosis and characterization of <i>Cryptosporidium</i> spp. in turkeys and chickens in Germany reveals evidence for previously undetected parasite species. <i>PLoS ONE</i> , 2017, 12, e0177150.	2.5	28
29	Macrocyclic Lactones Differ in Interaction with Recombinant P-Glycoprotein 9 of the Parasitic Nematode <i>Cylicocylus elongatus</i> and Ketoconazole in a Yeast Growth Assay. <i>PLoS Pathogens</i> , 2015, 11, e1004781.	4.7	26
30	Survey of German pet owners quantifying endoparasitic infection risk and implications for deworming recommendations. <i>Parasites and Vectors</i> , 2019, 12, 203.	2.5	25
31	Factors associated with diversity, quantity and zoonotic potential of ectoparasites on urban mice and voles. <i>PLoS ONE</i> , 2018, 13, e0199385.	2.5	24
32	Anthelmintic resistance of horse strongyle nematodes to ivermectin and pyrantel in Lithuania. <i>Acta Veterinaria Scandinavica</i> , 2021, 63, 5.	1.6	24
33	Analysis of putative inhibitors of anthelmintic resistance mechanisms in cattle gastrointestinal nematodes. <i>International Journal for Parasitology</i> , 2014, 44, 647-658.	3.1	23
34	Rapid selection for $\beta$ -tubulin alleles in codon 200 conferring benzimidazole resistance in an <i>Ostertagia ostertagi</i> isolate on pasture. <i>Veterinary Parasitology</i> , 2015, 209, 84-92.	1.8	23
35	Tungiasis-associated morbidity in pigs and dogs in endemic villages of Uganda. <i>Parasites and Vectors</i> , 2016, 9, 44.	2.5	23
36	Economic assessment of <i>Ostertagia ostertagi</i> and <i>Fasciola hepatica</i> infections in dairy cattle herds in Germany using Paracalc $\hat{A}$ <sup>®</sup> . <i>Veterinary Parasitology</i> , 2017, 240, 39-48.	1.8	23

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37	Vaccination with recombinant paramyosin against the bovine lungworm <i>Dictyocaulus viviparus</i> considerably reduces worm burden and larvae shedding. <i>Parasites and Vectors</i> , 2015, 8, 119.	2.5	22
38	High genetic diversity in the <i>Dirofilaria repens</i> species complex revealed by mitochondrial genomes of feline microfilaria samples from Narathiwat, Thailand. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 389-399.	3.0	22
39	World association for the advancement of veterinary parasitology (WAAVP): Third edition of guideline for evaluating the efficacy of equine anthelmintics. <i>Veterinary Parasitology</i> , 2022, 303, 109676.	1.8	22
40	Molecular marker sequences of cattle <i>Cooperia</i> species identify <i>Cooperia spatulata</i> as a morphotype of <i>Cooperia punctata</i> . <i>PLoS ONE</i> , 2018, 13, e0200390.	2.5	21
41	Spread of anthelmintic resistance in intestinal helminths of dogs and cats is currently less pronounced than in ruminants and horses – Yet it is of major concern. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 36-45.	3.4	19
42	Development of a multiplex fluorescence immunological assay for the simultaneous detection of antibodies against <i>Cooperia oncophora</i> , <i>Dictyocaulus viviparus</i> and <i>Fasciola hepatica</i> in cattle. <i>Parasites and Vectors</i> , 2015, 8, 335.	2.5	18
43	Elevated temperatures and long drought periods have a negative impact on survival and fitness of strongylid third stage larvae. <i>International Journal for Parasitology</i> , 2016, 46, 229-237.	3.1	18
44	Animal and human tungiasis-related knowledge and treatment practices among animal keeping households in Bugiri District, South-Eastern Uganda. <i>Acta Tropica</i> , 2018, 177, 81-88.	2.0	18
45	Identical 18S rRNA haplotypes of <i>Hepatozoon canis</i> in dogs and foxes in Brandenburg, Germany. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101520.	2.7	17
46	Concurrent Proteomic Fingerprinting and Molecular Analysis of Cyathostomins. <i>Proteomics</i> , 2019, 19, 1800290.	2.2	16
47	The P-glycoprotein repertoire of the equine parasitic nematode <i>Parascaris univalens</i> . <i>Scientific Reports</i> , 2020, 10, 13586.	3.3	16
48	Efficacy of selected anthelmintic drugs against cyathostomins in horses in the federal state of Brandenburg, Germany. <i>Parasitology Research</i> , 2015, 114, 4441-4450.	1.6	15
49	Measuring the effect of avermectins and milbemycins on somatic muscle contraction of adult <i>Haemonchus contortus</i> and on motility of <i>Ostertagia circumcincta</i> in vitro. <i>Parasitology</i> , 2014, 141, 948-956.	1.5	14
50	Efficacy of Cyclooctadepsipeptides and Aminophenylamidines against Larval, Immature and Mature Adult Stages of a Parasitologically Characterized Trichurosis Model in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2698.	3.0	14
51	Absence of detectable benzimidazole-resistance associated alleles in <i>Haemonchus placei</i> in cattle in Nigeria revealed by pyrosequencing of $\beta$ -tubulin isotype 1. <i>Parasitology Research</i> , 2015, 114, 1997-2001.	1.6	13
52	Two Severe Cases of Tungiasis in Goat Kids in Uganda. <i>Journal of Insect Science</i> , 2016, 16, 34.	1.5	13
53	Co-infections with <i>Plasmodium</i> , <i>Ascaris</i> and <i>Giardia</i> among Rwandan schoolchildren. <i>Tropical Medicine and International Health</i> , 2019, 24, 409-420.	2.3	13
54	Investigations on the occurrence of tapeworm infections in German horse populations with comparison of different antibody detection methods based on saliva and serum samples. <i>Parasites and Vectors</i> , 2020, 13, 462.	2.5	13

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55	Pharyngeal Pumping and Tissue-Specific Transgenic P-Glycoprotein Expression Influence Macrocytic Lactone Susceptibility in <i>Caenorhabditis elegans</i> . <i>Pharmaceuticals</i> , 2021, 14, 153.	3.8	13
56	High intensity of <i>Tunga penetrans</i> infection causing severe disease among pigs in Busoga, South Eastern Uganda. <i>BMC Veterinary Research</i> , 2017, 13, 206.	1.9	12
57	Epidemiology of strongyle nematode infections and first report of benzimidazole resistance in <i>Haemonchus contortus</i> in goats in South Darfur State, Sudan. <i>BMC Veterinary Research</i> , 2019, 15, 184.	1.9	12
58	Chronic Wasting Due to Liver and Rumen Flukes in Sheep. <i>Animals</i> , 2021, 11, 549.	2.3	12
59	Susceptibility to Ticks and Lyme Disease Spirochetes Is Not Affected in Mice Coinfected with Nematodes. <i>Infection and Immunity</i> , 2016, 84, 1274-1286.	2.2	11
60	Comparative Analysis of Intestinal Helminth Infections in Colic and Non-Colic Control Equine Patients. <i>Animals</i> , 2020, 10, 1916.	2.3	11
61	Susceptible trichostrongyloid species mask presence of benzimidazole-resistant <i>Haemonchus contortus</i> in cattle. <i>Parasites and Vectors</i> , 2021, 14, 101.	2.5	11
62	Successful Treatment of Severe Tungiasis in Pigs Using a Topical Aerosol Containing Chlorfenvinphos, Dichlorphos and Gentian Violet. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005056.	3.0	10
63	Assessment of the F200Y mutation frequency in the $\beta$ tubulin gene of <i>Haemonchus contortus</i> following the exposure to a discriminating concentration of thiabendazole in the egg hatch test. <i>Experimental Parasitology</i> , 2020, 217, 107957.	1.2	10
64	Genetic variability, cryptic species and phylogenetic relationship of six cyathostomin species based on mitochondrial and nuclear sequences. <i>Scientific Reports</i> , 2021, 11, 8245.	3.3	10
65	<i>Haemonchus</i> sp. in beef cattle in Brazil: species composition and frequency of benzimidazole resistance alleles. <i>Preventive Veterinary Medicine</i> , 2020, 185, 105162.	1.9	9
66	Molecular analysis of polymorphic species of the genus <i>Marshallagia</i> (Nematoda: Ostertagiinae). <i>Parasites and Vectors</i> , 2020, 13, 411.	2.5	9
67	Occurrence of Strongylid Nematode Parasites on Horse Farms in Berlin and Brandenburg, Germany, With High Seroprevalence of <i>Strongylus vulgaris</i> Infection. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	9
68	Nuclear and mitochondrial marker sequences reveal close relationship between <i>Coronocyclus coronatus</i> and a potential <i>Cylicostephanus calicatus</i> cryptic species complex. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103956.	2.3	8
69	Efficacy of imidacloprid 10%/moxidectin 1% spot-on formulation (Advocate®) in the prevention and treatment of feline aelurostrongylosis. <i>Parasites and Vectors</i> , 2020, 13, 65.	2.5	8
70	Experimental evidence for the lack of sensitivity of in vivo faecal egg count reduction testing for the detection of early development of benzimidazole resistance. <i>Parasitology Research</i> , 2021, 120, 153-159.	1.6	8
71	Rapid method for recovery of strongylid third stage larvae of parasitic nematodes from small soil samples. <i>Experimental Parasitology</i> , 2014, 142, 91-94.	1.2	7
72	Increased immune marker variance in a population of invasive birds. <i>Scientific Reports</i> , 2020, 10, 21764.	3.3	7

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73	Comparison of FECPAKG2, a modified Mini-FLOTAC technique and combined sedimentation and flotation for the coproscopic examination of helminth eggs in horses. <i>Parasites and Vectors</i> , 2022, 15, 166.	2.5	7
74	Very low intraspecific sequence variation in selected nuclear and mitochondrial <i>Parascaris univalens</i> genes. <i>Infection, Genetics and Evolution</i> , 2021, 95, 105035.	2.3	6
75	A Qualitative Market Analysis Applied to Mini-FLOTAC and Fill-FLOTAC for Diagnosis of Helminth Infections in Ruminants. <i>Frontiers in Veterinary Science</i> , 2020, 7, 580649.	2.2	6
76	Detection of target-site and metabolic resistance to pyrethroids in the bed bug <i>Cimex lectularius</i> in Berlin, Germany. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 274-283.	3.4	5
77	Efficacy of oral fluralaner (Bravecto) against <i>Tunga penetrans</i> in dogs: A negative control, randomized field study in an endemic community in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010251.	3.0	5
78	Established and novel approaches for teaching and learning of veterinary parasitology in Berlin. <i>Veterinary Parasitology</i> , 2018, 252, 58-61.	1.8	4
79	Does the <i>in vitro</i> egg hatch test predict the failure of benzimidazole treatment in <i>Haemonchus contortus</i> ?. <i>Parasite</i> , 2021, 28, 62.	2.0	4
80	Absence of Polymorphisms in Codons 167, 198 and 200 of All Seven $\beta$ -Tubulin Isoforms of Benzimidazole Susceptible and Resistant <i>Parascaris</i> spp. Specimens from Australia. <i>Pathogens</i> , 2022, 11, 490.	2.8	4
81	Identification of novel splice variants of the voltage- and Ca <sup>2+</sup> -dependent K <sup>+</sup> -channel SLO-1 of <i>Trichuris muris</i> . <i>Molecular and Biochemical Parasitology</i> , 2015, 199, 5-8.	1.1	3
82	A multi-country study to assess the effect of a treatment with moxidectin pour-on during the dry period on milk production in dairy cows. <i>Veterinary Parasitology</i> , 2017, 237, 104-109.	1.8	3
83	In vivo efficacy of PF1022A and nicotinic acetylcholine receptor agonists alone and in combination against <i>Nippostrongylus brasiliensis</i> . <i>Parasitology</i> , 2013, 140, 1252-1265.	1.5	2
84	Genetic diversity of vector-borne pathogens in spotted and brown hyenas from Namibia and Tanzania relates to ecological conditions rather than host taxonomy. <i>Parasites and Vectors</i> , 2021, 14, 328.	2.5	2
85	Immunization Trials with Recombinant Major Sperm Protein of the Bovine Lungworm <i>Dictyocaulus viviparus</i> . <i>Pathogens</i> , 2022, 11, 55.	2.8	1
86	Comment on "The optimal timing of post-treatment sampling for the assessment of anthelmintic drug efficacy against <i>Ascaris</i> infections in humans". <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 329-330.	3.4	0