

# Sabine Specht

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,698  
citations

304602

22  
h-index

289141

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wolbachia endobacteria depletion by doxycycline as antifilarial therapy has macrofilaricidal activity in onchocerciasis: a randomized placebo-controlled study. <i>Medical Microbiology and Immunology</i> , 2008, 197, 295-311.	2.6	216
2	Doxycycline Reduces Plasma VEGF-C/sVEGFR-3 and Improves Pathology in Lymphatic Filariasis. <i>PLoS Pathogens</i> , 2006, 2, e92.	2.1	160
3	Macrofilaricidal Activity after Doxycycline Only Treatment of <i>Onchocerca volvulus</i> in an Area of Loa loa Co-Endemicity: A Randomized Controlled Trial. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e660.	1.3	131
4	Therapeutic Efficacy and Macrofilaricidal Activity of Doxycycline for the Treatment of River Blindness. <i>Clinical Infectious Diseases</i> , 2015, 60, 1199-1207.	2.9	94
5	Doxycycline Improves Filarial Lymphedema Independent of Active Filarial Infection: A Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2012, 55, 621-630.	2.9	88
6	Efficacy of 2- and 4-week rifampicin treatment on the Wolbachia of <i>Onchocerca volvulus</i> . <i>Parasitology Research</i> , 2008, 103, 1303-1309.	0.6	70
7	Corallopyronin A Specifically Targets and Depletes Essential Obligate Wolbachia Endobacteria From Filarial Nematodes In Vivo. <i>Journal of Infectious Diseases</i> , 2012, 206, 249-257.	1.9	70
8	Preclinical development of an oral anti- <i>Wolbachia</i> macrolide drug for the treatment of lymphatic filariasis and onchocerciasis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	67
9	Doxycycline Leads to Sterility and Enhanced Killing of Female <i>Onchocerca volvulus</i> Worms in an Area With Persistent Microfilaridemia After Repeated Ivermectin Treatment: A Randomized, Placebo-Controlled, Double-Blind Trial. <i>Clinical Infectious Diseases</i> , 2015, 61, 517-526.	2.9	66
10	Hyperreactive Onchocerciasis is Characterized by a Combination of Th17-Th2 Immune Responses and Reduced Regulatory T Cells. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3414.	1.3	58
11	Repurposing of approved drugs from the human pharmacopoeia to target Wolbachia endosymbionts of onchocerciasis and lymphatic filariasis. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 278-286.	1.4	57
12	Comparison of Doxycycline, Minocycline, Doxycycline plus Albendazole and Albendazole Alone in Their Efficacy against Onchocerciasis in a Randomized, Open-Label, Pilot Trial. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005156.	1.3	50
13	Filaria-induced IL-10 suppresses murine cerebral malaria. <i>Microbes and Infection</i> , 2010, 12, 635-642.	1.0	45
14	CCL17 Controls Mast Cells for the Defense against Filarial Larval Entry. <i>Journal of Immunology</i> , 2011, 186, 4845-4852.	0.4	39
15	ST2 Deficiency Does Not Impair Type 2 Immune Responses during Chronic Filarial Infection but Leads to an Increased Microfilaremia Due to an Impaired Splenic Microfilarial Clearance. <i>PLoS ONE</i> , 2014, 9, e93072.	1.1	37
16	A systematic review and an individual patient data meta-analysis of ivermectin use in children weighing less than fifteen kilograms: Is it time to reconsider the current contraindication?. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009144.	1.3	34
17	Newly acquired <i>Onchocerca volvulus</i> filariae after doxycycline treatment. <i>Parasitology Research</i> , 2009, 106, 23-31.	0.6	33
18	Oxfendazole mediates macrofilaricidal efficacy against the filarial nematode <i>Litomosoides sigmodontis</i> in vivo and inhibits <i>Onchocerca</i> spec. motility in vitro. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008427.	1.3	31

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19	NOD2 dependent neutrophil recruitment is required for early protective immune responses against infectious <i>Litomosoides sigmodontis</i> L3 larvae. <i>Scientific Reports</i> , 2016, 6, 39648.	1.6	30
20	Discovery of ABBV-4083, a novel analog of Tylosin A that has potent anti-Wolbachia and anti-filarial activity. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007159.	1.3	29
21	Human TLR8 Senses RNA From <i>Plasmodium falciparum</i> -Infected Red Blood Cells Which Is Uniquely Required for the IFN- $\beta$ Response in NK Cells. <i>Frontiers in Immunology</i> , 2019, 10, 371.	2.2	26
22	Immunization with <i>L. sigmodontis</i> Microfilariae Reduces Peripheral Microfilaraemia after Challenge Infection by Inhibition of Filarial Embryogenesis. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1558.	1.3	25
23	Immunoepidemiological Profiling of Onchocerciasis Patients Reveals Associations with Microfilaria Loads and Ivermectin Intake on Both Individual and Community Levels. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2679.	1.3	25
24	Combinations of registered drugs reduce treatment times required to deplete Wolbachia in the <i>Litomosoides sigmodontis</i> mouse model. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006116.	1.3	25
25	Criteria for the differentiation between young and old <i>Onchocerca volvulus</i> filariae. <i>Parasitology Research</i> , 2009, 105, 1531-1538.	0.6	23
26	Macrofilaricidal efficacy of single and repeated oral and subcutaneous doses of flubendazole in <i>Litomosoides sigmodontis</i> infected jirds. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006320.	1.3	23
27	Onchocerciasis drug development: from preclinical models to humans. <i>Parasitology Research</i> , 2021, 120, 3939-3964.	0.6	18
28	Doxycycline inhibits experimental cerebral malaria by reducing inflammatory immune reactions and tissue-degrading mediators. <i>PLoS ONE</i> , 2018, 13, e0192717.	1.1	15
29	Elimination of lymphatic filariasis in South East Asia. <i>BMJ: British Medical Journal</i> , 2019, 364, k5198.	2.4	15
30	Evaluation of the in vitro susceptibility of various filarial nematodes to emodepside. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 27-35.	1.4	15
31	Over expression of IL-10 by macrophages overcomes resistance to murine filariasis. <i>Experimental Parasitology</i> , 2012, 132, 90-96.	0.5	14
32	Safety, tolerability and pharmacokinetics of emodepside, a potential novel treatment for onchocerciasis (river blindness), in healthy male subjects. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3949-3960.	1.1	12
33	Macrofilaricidal Benzimidazole-Benzoxaborole Hybrids as an Approach to the Treatment of River Blindness: Part 1. Amide Linked Analogs. <i>ACS Infectious Diseases</i> , 2020, 6, 173-179.	1.8	11
34	Preclinical and Clinical Characteristics of the Trichuricidal Drug Oxantel Pamoate and Clinical Development Plans: A Review. <i>Drugs</i> , 2021, 81, 907-921.	4.9	11
35	<i>Litomosoides sigmodontis</i> : A jird urine metabolome study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5804-5807.	1.0	10
36	Reductions in microfilaridermia by repeated ivermectin treatment are associated with lower <i>Plasmodium</i> -specific Th17 immune responses in <i>Onchocerca volvulus</i> -infected individuals. <i>Parasites and Vectors</i> , 2015, 8, 184.	1.0	10

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37	Analysis of Nematode Motion Using an Improved Light-Scatter Based System. PLoS Neglected Tropical Diseases, 2015, 9, e0003523.	1.3	8
38	Filarial nematode phenotypic screening cascade to identify compounds with anti-parasitic activity for drug discovery optimization. International Journal for Parasitology: Drugs and Drug Resistance, 2022, 19, 89-97.	1.4	4
39	Drug development for the treatment of onchocerciasis: Population pharmacokinetic and adverse events modeling of emodepside. PLoS Neglected Tropical Diseases, 2022, 16, e0010219.	1.3	2
40	Filarial parasites in the postgenomic era. Expert Review of Anti-Infective Therapy, 2009, 7, 189-192.	2.0	1
41	A histochemical study of the Nras/let-60 activity in filarial nematodes. Parasites and Vectors, 2015, 8, 353.	1.0	0