

Kenneth M Pfarr

List of Publications by Year in descending order

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85
papers

3,472
citations

172443
29
h-index

155644
55
g-index

100
all docs

100
docs citations

100
times ranked

2551
citing authors

#	ARTICLE	IF	CITATIONS
1	A qPCR to quantify Wolbachia from few Onchocerca volvulus microfilariae as a surrogate for adult worm histology in clinical trials of antiwobachial drugs. Parasitology Research, 2022, , 1.	1.6	1
2	Corallopyronin A: antimicrobial discovery to preclinical development. Natural Product Reports, 2022, 39, 1705-1720.	10.3	13
3	The RNA Polymerase Inhibitor Corallopyronin A Has a Lower Frequency of Resistance Than Rifampicin in Staphylococcus aureus. Antibiotics, 2022, 11, 920.	3.7	4
4	The Mbam drainage system and onchocerciasis transmission post ivermectin mass drug administration (MDA) campaign, Cameroon. PLoS Neglected Tropical Diseases, 2021, 15, e0008926.	3.0	13
5	Urine metabolites for the identification of Onchocerca volvulus infections in patients from Cameroon. Parasites and Vectors, 2021, 14, 397.	2.5	6
6	Towards the sustainable discovery and development of new antibiotics. Nature Reviews Chemistry, 2021, 5, 726-749.	30.2	439
7	Onchocerca volvulus transmission in the Mbam valley of Cameroon following 16 years of annual community-directed treatment with ivermectin, and the description of a new cytotype of Simulium squamosum. Parasites and Vectors, 2021, 14, 563.	2.5	12
8	Dataset on in vitro maintenance of Mansonella perstans microfilariae and drug testing. Data in Brief, 2020, 28, 104930.	1.0	3
9	Differential susceptibility of Onchocerca volvulus microfilaria to ivermectin in two areas of contrasting history of mass drug administration in Cameroon: relevance of microscopy and molecular techniques for the monitoring of skin microfilarial repopulation within six months of direct observed treatment. BMC Infectious Diseases, 2020, 20, 726.	2.9	15
10	Solubility and Stability Enhanced Oral Formulations for the Anti-Infective Corallopyronin A. Pharmaceutics, 2020, 12, 1105.	4.5	12
11	Complete Mitochondrial Genome Sequence of Mansonella perstans. Microbiology Resource Announcements, 2020, 9, .	0.6	7
12	Corallopyronin A for short-course anti-wolbachial, macrofilaricidal treatment of filarial infections. PLoS Neglected Tropical Diseases, 2020, 14, e0008930.	3.0	26
13	Morbidity management and surveillance of lymphatic filariasis disease and acute dermatolymphangioadenitis attacks using a mobile phone-based tool by community health volunteers in Ghana. PLoS Neglected Tropical Diseases, 2020, 14, e0008839.	3.0	6
14	In vivo kinetics of Wolbachia depletion by ABBV-4083 in L. sigmodontis adult worms and microfilariae. PLoS Neglected Tropical Diseases, 2019, 13, e0007636.	3.0	27
15	In vitro maintenance of Mansonella perstans microfilariae and its relevance for drug screening. Experimental Parasitology, 2019, 206, 107769.	1.2	15
16	Wuchereria bancrofti-infected individuals harbor distinct IL-10-producing regulatory B and T cell subsets which are affected by anti-filarial treatment. PLoS Neglected Tropical Diseases, 2019, 13, e0007436.	3.0	29
17	Elaborations on Corallopyronin A as a Novel Treatment Strategy Against Genital Chlamydial Infections. Frontiers in Microbiology, 2019, 10, 943.	3.5	14
18	Complete Genome Sequence of the Corallopyronin A-Producing Myxobacterium Corallococcus coralloides B035. Microbiology Resource Announcements, 2019, 8, .	0.6	3

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19	The Efficacy of Doxycycline Treatment on <i>Mansonella perstans</i> Infection: An Open-Label, Randomized Trial in Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 84-92.	1.4	31
20	The blackfly vectors and transmission of <i>Onchocerca volvulus</i> in Mahenge, south eastern Tanzania. <i>Acta Tropica</i> , 2018, 181, 50-59.	2.0	33
21	<i>Orientia tsutsugamushi</i> Is Highly Susceptible to the RNA Polymerase Switch Region Inhibitor Corallopyronin A In Vitro and In Vivo. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	23
22	Quinolone-fused cyclic sulfonamide as a novel benign antifilarial agent. <i>Scientific Reports</i> , 2018, 8, 12073.	3.3	26
23	Effective inhibition of rifampicin-resistant <i>Chlamydia trachomatis</i> by the novel DNA-dependent RNA polymerase inhibitor corallopyronin A. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 523-524.	2.5	16
24	Combinations of registered drugs reduce treatment times required to deplete <i>Wolbachia</i> in the <i>Litomosoides sigmodontis</i> mouse model. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006116.	3.0	25
25	Validation of onchocerciasis biomarker N -acetyltyramine- O -glucuronide (NATOC). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3436-3440.	2.2	20
26	Lipid profiling of the filarial nematodes <i>Onchocerca volvulus</i> , <i>Onchocerca ochengi</i> and <i>Litomosoides sigmodontis</i> reveals the accumulation of nematode-specific ether phospholipids in the host. <i>International Journal for Parasitology</i> , 2017, 47, 903-912.	3.1	14
27	Single nucleotide polymorphisms in the angiogenic and lymphangiogenic pathways are associated with lymphedema caused by <i>Wuchereria bancrofti</i> . <i>Human Genomics</i> , 2017, 11, 26.	2.9	17
28	AmiD Is a Novel Peptidoglycan Amidase in <i>Wolbachia</i> Endosymbionts of <i>Drosophila melanogaster</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 353.	3.9	12
29	Successful long-term maintenance of <i>Mansonella perstans</i> in an in vitro culture system. <i>Parasites and Vectors</i> , 2017, 10, 563.	2.5	23
30	Multivariable Regression Analysis in <i>Schistosoma mansoni</i> -Infected Individuals in the Sudan Reveals Unique Immunoepidemiological Profiles in Uninfected, egg+ and Non-egg+ Infected Individuals. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004629.	3.0	10
31	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.	3.3	30
32	Risk factors for epilepsy in Bas-Ul'Ã© Province, Democratic Republic of the Congo: a caseâ€“control study. <i>International Journal of Infectious Diseases</i> , 2016, 49, 1-8.	3.3	51
33	Specific K39 antibody response and its persistence after treatment in patients with imported leishmaniasis. <i>Parasitology Research</i> , 2016, 115, 761-769.	1.6	13
34	Is there a risk of filarial infection during long-term missions in Haiti?. <i>Travel Medicine and Infectious Disease</i> , 2016, 14, 137-142.	3.0	2
35	The ratio of calprotectin to total protein as a diagnostic and prognostic marker for spontaneous bacterial peritonitis in patients with liver cirrhosis and ascites. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 2031-9.	2.3	35
36	<i>Litomosoides sigmodontis</i> : A jird urine metabolome study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5804-5807.	2.2	10

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37	Extracellular <i>Onchocerca</i> -derived small RNAs in host nodules and blood. <i>Parasites and Vectors</i> , 2015, 8, 58.	2.5	98
38	In Vitro Activity of wALADin Benzimidazoles against Different Life Cycle Stages of Plasmodium Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 654-658.	3.2	5
39	Insights into Structure-Activity Relationships of Bacterial RNA Polymerase Inhibiting Coralopyronin Derivatives. <i>Journal of Natural Products</i> , 2015, 78, 2505-2509.	3.0	40
40	Localization of a filarial phosphate permease that is up-regulated in response to depletion of essential <i>Wolbachia</i> endobacteria. <i>Experimental Parasitology</i> , 2014, 138, 30-39.	1.2	2
41	Coralopyronin A – A promising antibiotic for treatment of filariasis. <i>International Journal of Medical Microbiology</i> , 2014, 304, 72-78.	3.6	41
42	Repurposing of approved drugs from the human pharmacopoeia to target <i>Wolbachia</i> endosymbionts of onchocerciasis and lymphatic filariasis. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 278-286.	3.4	57
43	wALADin Benzimidazoles Differentially Modulate the Function of Porphobilinogen Synthase Orthologs. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2498-2510.	6.4	10
44	Real-time PCR detection of the HhaI tandem DNA repeat in pre- and post-patent <i>Brugia malayi</i> infections: a study in Indonesian transmigrants. <i>Parasites and Vectors</i> , 2014, 7, 146.	2.5	13
45	A Selective Inhibitor of Heme Biosynthesis in Endosymbiotic Bacteria Elicits Antifilarial Activity In Vitro. <i>Chemistry and Biology</i> , 2013, 20, 177-187.	6.0	24
46	New chemotypes for wALADin1-like inhibitors of delta-aminolevulinic acid dehydratase from <i>Wolbachia</i> endobacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5558-5562.	2.2	5
47	Requirement of lipid II biosynthesis for cell division in cell wall-less <i>Wolbachia</i> , endobacteria of arthropods and filarial nematodes. <i>International Journal of Medical Microbiology</i> , 2013, 303, 140-149.	3.6	36
48	The ClpP peptidase of <i>Wolbachia</i> endobacteria is a novel target for drug development against filarial infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1790-1800.	3.0	19
49	Coralopyronin A Specifically Targets and Depletes Essential Obligate <i>Wolbachia</i> Endobacteria From Filarial Nematodes In Vivo. <i>Journal of Infectious Diseases</i> , 2012, 206, 249-257.	4.0	70
50	Retarded <i>Onchocerca volvulus</i> L1 to L3 larval development in the <i>Simulium damnosum</i> vector after anti-wolbachial treatment of the human host. <i>Parasites and Vectors</i> , 2012, 5, 12.	2.5	28
51	Transforming growth factor- β 1 variant Leu10Pro is associated with both lack of microfilariae and differential microfilarial loads in the blood of persons infected with lymphatic filariasis. <i>Human Immunology</i> , 2011, 72, 1143-1148.	2.4	24
52	Filariasis in Africa – treatment challenges and prospects. <i>Clinical Microbiology and Infection</i> , 2011, 17, 977-985.	6.0	125
53	Macrofilaricidal Activity in <i>Wuchereria bancrofti</i> after 2 Weeks Treatment with a Combination of Rifampicin plus Doxycycline. <i>Journal of Parasitology Research</i> , 2011, 2011, 1-9.	1.2	39
54	Mitochondrial genes for heme-dependent respiratory chain complexes are up-regulated after depletion of <i>Wolbachia</i> from filarial nematodes. <i>International Journal for Parasitology</i> , 2010, 40, 1193-1202.	3.1	43

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55	ADLOC: An Aptamerâ€Displacement Assay Based on Luminescent Oxygen Channeling. Chemistry - A European Journal, 2010, 16, 11100-11107.	3.3	15
56	Macrofilaricidal Activity and Amelioration of Lymphatic Pathology in Bancroftian Filariasis after 3 Weeks of Doxycycline Followed by Single-Dose Diethylcarbamazine. American Journal of Tropical Medicine and Hygiene, 2009, 81, 702-711.	1.4	69
57	Filariasis and lymphoedema. Parasite Immunology, 2009, 31, 664-672.	1.5	127
58	Functional conservation of the lipid II biosynthesis pathway in the cell wallâ€less bacteria <i>Chlamydia</i> and <i>Wolbachia</i>: why is lipid II needed?. Molecular Microbiology, 2009, 73, 913-923.	2.5	73
59	Reduction in Levels of Plasma Vascular Endothelial Growth Factor-A and Improvement in Hydrocele Patients by Targeting Endosymbiotic Wolbachia sp. in Wuchereria bancrofti with Doxycycline. American Journal of Tropical Medicine and Hygiene, 2009, 80, 956-963.	1.4	52
60	Reduction in levels of plasma vascular endothelial growth factor-A and improvement in hydrocele patients by targeting endosymbiotic Wolbachia sp. in Wuchereria bancrofti with doxycycline. American Journal of Tropical Medicine and Hygiene, 2009, 80, 956-63.	1.4	27
61	Infection of the intermediate mite host with Wolbachia-depleted Litomosoides sigmodontis microfilariae: Impaired L1 to L3 development and subsequent sex-ratio distortion in adult worms. International Journal for Parasitology, 2008, 38, 981-987.	3.1	43
62	The mitochondrial heat shock protein 60 (HSP60) is up-regulated in <i>Onchocerca volvulus</i> after the depletion of <i>Wolbachia</i>. Parasitology, 2008, 135, 529-538.	1.5	16
63	Wolbachia endobacteria depletion by doxycycline as antifilarial therapy has macrofilaricidal activity in onchocerciasis: a randomized placebo-controlled study. Medical Microbiology and Immunology, 2008, 197, 295-311.	4.8	216
64	Doxycycline Treatment of <i>Brugia malayi</i>â€Infected Persons Reduces Microfilaremia and Adverse Reactions after Diethylcarbamazine and Albendazole Treatment. Clinical Infectious Diseases, 2008, 46, 1385-1393.	5.8	89
65	On the taxonomic status of the intracellular bacterium Wolbachia pipientis: should this species name include the intracellular bacteria of filarial nematodes?. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1677-1678.	1.7	25
66	Wolbachia Endosymbionts: An Achillesâ€™ Heel of Filarial Nematodes. , 2007, 5, 31-51.		2
67	It Takes Two: Lessons From the First Nematode Wolbachia Genome Sequence. , 2007, 5, 52-65.		1
68	Macrofilaricidal effect of 4â€weeks of treatment with doxycycline on <i>Wuchereria bancrofti</i>. Tropical Medicine and International Health, 2007, 12, 1433-1441.	2.3	94
69	A niche for Wolbachia. Trends in Parasitology, 2007, 23, 5-7.	3.3	18
70	Plasma Vascular Endothelial Growth Factor-A (VEGF-A) and VEGF-A Gene Polymorphism are Associated with Hydrocele Development in Lymphatic Filariasis. American Journal of Tropical Medicine and Hygiene, 2007, 77, 601-608.	1.4	59
71	Plasma vascular endothelial growth Factor-A (VEGF-A) and VEGF-A gene polymorphism are associated with hydrocele development in lymphatic filariasis. American Journal of Tropical Medicine and Hygiene, 2007, 77, 601-8.	1.4	25
72	Differential display of genes expressed in the filarial nematode Litomosoides sigmodontis reveals a putative phosphate permease up-regulated after depletion of Wolbachia endobacteria. International Journal of Medical Microbiology, 2006, 296, 287-299.	3.6	18

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73	RNAi mediated silencing of actin expression in adult <i>Litomosoides sigmodontis</i> is specific, persistent and results in a phenotype. <i>International Journal for Parasitology</i> , 2006, 36, 661-669.	3.1	47
74	Antibiotics which Target the <i>Wolbachia</i> Endosymbionts of Filarial Parasites: A New Strategy for Control of Filariasis and Amelioration of Pathology. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 203-210.	2.4	28
75	Doxycycline Reduces Plasma VEGF-C/sVEGFR-3 and Improves Pathology in Lymphatic Filariasis. <i>PLoS Pathogens</i> , 2006, 2, e92.	4.7	160
76	A Randomized, Double-Blind Clinical Trial of a 3-Week Course of Doxycycline plus Albendazole and Ivermectin for the Treatment of <i>Wuchereria bancrofti</i> Infection. <i>Clinical Infectious Diseases</i> , 2006, 42, 1081-1089.	5.8	102
77	Frequent detection of worm movements in onchocercal nodules by ultrasonography. <i>Parasites and Vectors</i> , 2005, 4, 1.	1.3	44
78	The Annotated Genome of <i>Wolbachia</i> from the Filarial Nematode <i>Brugia malayi</i> : What It Means for Progress in Antifilarial Medicine. <i>PLoS Medicine</i> , 2005, 2, e110.	8.4	29
79	Antibiotic Chemotherapy of Onchocerciasis: In a Bovine Model, Killing of Adult Parasites Requires a Sustained Depletion of Endosymbiotic Bacteria (<i>Wolbachia</i> Species). <i>Journal of Infectious Diseases</i> , 2005, 192, 1483-1493.	4.0	57
80	Involvement of Toll-like receptor 4 in the embryogenesis of the rodent filaria <i>Litomosoides sigmodontis</i> . <i>Medical Microbiology and Immunology</i> , 2003, 192, 53-56.	4.8	23
81	Doxycycline as a novel strategy against bancroftian filariasis? depletion of <i>Wolbachia</i> endosymbionts from <i>Wuchereria bancrofti</i> and stop of microfilaria production. <i>Medical Microbiology and Immunology</i> , 2003, 192, 211-216.	4.8	137
82	Evidence against <i>Wolbachia</i> symbiosis in <i>Loa loa</i> . <i>Parasites and Vectors</i> , 2003, 2, 9.	1.3	80
83	Nitric Oxide Synthase in Filariae: Demonstration of Nitric Oxide Production by Embryos in <i>Brugia malayi</i> and <i>Acanthocheilonema viteae</i> . <i>Experimental Parasitology</i> , 2001, 97, 205-214.	1.2	21
84	<i>Brugia malayi</i> : Localization of Nitric Oxide Synthase in a Lymphatic Filariid. <i>Experimental Parasitology</i> , 2000, 94, 92-98.	1.2	19
85	Endo16, a Large Multidomain Protein Found on the Surface and ECM of Endodermal Cells during Sea Urchin Gastrulation, Binds Calcium. <i>Developmental Biology</i> , 1994, 165, 73-85.	2.0	41