

# Alfons Renz

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

657  
citations

687363

13  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipopolysaccharide-like molecules derived from Wolbachia endobacteria of the filaria <i>Onchocerca volvulus</i> are candidate mediators in the sequence of inflammatory and antiinflammatory responses of human monocytes. <i>Microbes and Infection</i> , 2000, 2, 1147-1157.	1.9	112
2	Impact of ivermectin on onchocerciasis transmission: assessing the empirical evidence that repeated ivermectin mass treatments may lead to elimination/eradication in West-Africa. <i>Parasites and Vectors</i> , 2003, 2, 8.	1.3	101
3	Human infection patterns and heterogeneous exposure in river blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15265-15270.	7.1	77
4	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
5	An oligonucleotide probe specific for <i>Onchocerca volvulus</i> . <i>Molecular and Biochemical Parasitology</i> , 1989, 35, 119-125.	1.1	51
6	Ongoing Transmission of <i>Onchocerca volvulus</i> after 25 Years of Annual Ivermectin Mass Treatments in the Vina du Nord River Valley, in North Cameroon. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004392.	3.0	34
7	Molecular identification and prevalence of tick-borne pathogens in zebu and taurine cattle in North Cameroon. <i>Parasites and Vectors</i> , 2019, 12, 448.	2.5	31
8	Distribution of mast cells and their correlation with inflammatory cells around <i>Onchocerca gutturosa</i> , <i>O. tarsicola</i> , <i>O. ochengi</i> , and <i>O. flexuosa</i> . <i>Parasitology Research</i> , 1997, 83, 109-120.	1.6	29
9	<i>Onchocerca ochengi</i> transmission dynamics and the correlation of <i>O. ochengi</i> microfilaria density in cattle with the transmission potential. <i>Veterinary Research</i> , 2000, 31, 611-621.	3.0	28
10	Reproductive biology of <i>Onchocerca ochengi</i> , a nodule forming filarial nematode in zebu cattle. <i>Veterinary Parasitology</i> , 2014, 205, 318-329.	1.8	19
11	Widespread co-endemicity of <i>Trypanosoma</i> species infecting cattle in the Sudano-Sahelian and Guinea Savannah zones of Cameroon. <i>BMC Veterinary Research</i> , 2019, 15, 344.	1.9	19
12	Molecular evidence of <i>Siisa form</i> <sup>™</sup> , a new genotype related to <i>Onchocerca ochengi</i> in cattle from North Cameroon. <i>Acta Tropica</i> , 2013, 127, 261-265.	2.0	18
13	Isolation, identification and functional profile of excretory-secretory peptides from <i>Onchocerca ochengi</i> . <i>Acta Tropica</i> , 2015, 142, 156-166.	2.0	16
14	Single worm genotyping demonstrates that <i>Onchocerca ochengi</i> females simultaneously produce progeny sired by different males. <i>Parasitology Research</i> , 2012, 111, 2217-2221.	1.6	14
15	Discrimination between <i>Onchocerca volvulus</i> and <i>O. ochengi</i> filarial larvae in <i>Simulium damnosum</i> (s.l.) and their distribution throughout central Ghana using a versatile high-resolution speciation assay. <i>Parasites and Vectors</i> , 2016, 9, 536.	2.5	11
16	<i>Onchocerca</i> - infected cattle produce strong antibody responses to excretory-secretory proteins released from adult male <i>Onchocerca ochengi</i> worms. <i>BMC Infectious Diseases</i> , 2018, 18, 200.	2.9	10
17	Aspects of the bionomics of hematophagous simuliid dipterans in a hyper-infested rangeland of Ngaoundere (Adamawa-Cameroon). <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 1019-1030.	0.9	8
18	Whole genome characterization of autochthonous <i>Bos taurus brachyceros</i> and introduced <i>Bos indicus indicus</i> cattle breeds in Cameroon regarding their adaptive phenotypic traits and pathogen resistance. <i>BMC Genetics</i> , 2020, 21, 64.	2.7	7

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19	Full mitochondrial and nuclear genome comparison confirms that <i>Onchocerca</i> sp. is <i>Onchocerca ochengi</i> . <i>Parasitology Research</i> , 2018, 117, 1069-1077.	1.6	6
20	Development of a Low-Density DNA Microarray for Detecting Tick-Borne Bacterial and Piroplasmid Pathogens in African Cattle. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 64.	2.3	3
21	Parasitism and evolution: opposing versus balancing strategies. <i>Historical Biology</i> , 2013, 25, 251-259.	1.4	2
22	Host specificity and phylogeny of Trichostrongylidae of domestic ruminants in the Guinea savannah of the Adamawa plateau in Cameroon. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2020, 21, 100412.	0.5	2
23	Galectins from <i>Onchocerca ochengi</i> and <i>O. volvulus</i> and their immune recognition by Wistar rats, Gudali zebu cattle and human hosts. <i>BMC Microbiology</i> , 2021, 21, 5.	3.3	2
24	Genetic Analyses and Genome-Wide Association Studies on Pathogen Resistance of <i>Bos taurus</i> and <i>Bos indicus</i> Cattle Breeds in Cameroon. <i>Genes</i> , 2021, 12, 976.	2.4	0
25	Single-Nucleotide Polymorphism Associates $\beta$ -Tubulin Isotype-1 Gene in <i>Onchocerca volvulus</i> Populations in Ivermectin-Treated Communities in Taraba State, Nigeria. <i>Acta Parasitologica</i> , 2021, , 1.	1.1	0