

# Christopher H Remien

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7745702/publications.pdf>

Version: 2024-02-01

30  
papers

1,170  
citations

567281

15  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Woody cover and hominin environments in the past 6 million years. <i>Nature</i> , 2011, 476, 51-56.	27.8	514
2	History of Animals using Isotope Records (HAIR): A 6-year dietary history of one family of African elephants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8093-8100.	7.1	96
3	Mathematical modeling of liver injury and dysfunction after acetaminophen overdose: Early discrimination between survival and death. <i>Hepatology</i> , 2012, 56, 727-734.	7.3	57
4	Gene-drive-mediated extinction is thwarted by population structure and evolution of sib mating. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 66-81.	2.5	55
5	Modeling time-series data from microbial communities. <i>ISME Journal</i> , 2017, 11, 2526-2537.	9.8	52
6	Forensic Stable Isotope Biogeochemistry. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 175-206.	11.0	51
7	Incorporating Suborganismal Processes into Dynamic Energy Budget Models for Ecological Risk Assessment. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 615-624.	2.9	42
8	Aberrant Water Homeostasis Detected by Stable Isotope Analysis. <i>PLoS ONE</i> , 2010, 5, e11699.	2.5	34
9	Hydrogen and Oxygen Isotope Ratios in Body Water and Hair: Modeling Isotope Dynamics in Nonhuman Primates. <i>American Journal of Primatology</i> , 2012, 74, 651-660.	1.7	31
10	Deconvolution of isotope signals from bundles of multiple hairs. <i>Oecologia</i> , 2014, 175, 781-789.	2.0	29
11	Bridging the gap: Using reservoir ecology and human serosurveys to estimate Lassa virus spillover in West Africa. <i>PLoS Computational Biology</i> , 2021, 17, e1008811.	3.2	27
12	The End of Hepatitis C. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 533-536.	4.4	26
13	Microbial phenotypic heterogeneity in response to a metabolic toxin: Continuous, dynamically shifting distribution of formaldehyde tolerance in <i>Methylobacterium extorquens</i> populations. <i>PLoS Genetics</i> , 2019, 15, e1008458.	3.5	25
14	Structural identifiability of the generalized Lotka-Volterra model for microbiome studies. <i>Royal Society Open Science</i> , 2021, 8, 201378.	2.4	21
15	Evaluating the promise of recombinant transmissible vaccines. <i>Vaccine</i> , 2018, 36, 675-682.	3.8	19
16	Controlling epidemics with transmissible vaccines. <i>PLoS ONE</i> , 2018, 13, e0196978.	2.5	15
17	Spatial structure undermines parasite suppression by gene drive cargo. <i>PeerJ</i> , 2019, 7, e7921.	2.0	13
18	Mathematical modelling of chronic acetaminophen metabolism and liver injury. <i>Mathematical Medicine and Biology</i> , 2014, 31, 302-317.	1.2	12

#	ARTICLE	IF	CITATIONS
19	A little goes a long way: Weak vaccine transmission facilitates oral vaccination campaigns against zoonotic pathogens. PLoS Neglected Tropical Diseases, 2019, 13, e0007251.	3.0	11
20	The role of alcohol consumption on acetaminophen induced liver injury: Implications from a mathematical model. Journal of Theoretical Biology, 2021, 519, 110559.	1.7	10
21	Bayesian estimation of Lassa virus epidemiological parameters: Implications for spillover prevention using wildlife vaccination. PLoS Neglected Tropical Diseases, 2020, 14, e0007920.	3.0	9
22	Quantifying the effectiveness of betaherpesvirus-vectored transmissible vaccines. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
23	Modeling the dynamics of stable isotope tissue-diet enrichment. Journal of Theoretical Biology, 2015, 367, 14-20.	1.7	6
24	Transmissible vaccines in heterogeneous populations: Implications for vaccine design. One Health, 2019, 7, 100084.	3.4	4
25	The Headache of Acetaminophen Overdose: Getting the NAC. Clinical Gastroenterology and Hepatology, 2017, 15, 563-564.	4.4	3
26	Suppressing evolution in genetically engineered systems through repeated supplementation. Evolutionary Applications, 2021, 14, 348-359.	3.1	1
27	Reply:. Hepatology, 2012, 56, 2428-2429.	7.3	0
28	Vector dynamics influence spatially imperfect genetic interventions against disease. Evolution, Medicine and Public Health, 2021, 9, 1-10.	2.5	0
29	Title is missing!. , 2019, 15, e1008458.		0
30	Title is missing!. , 2019, 15, e1008458.		0