

# Matthew Hartfield

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/928836/publications.pdf>

Version: 2024-02-01

18  
papers

664  
citations

840776

11  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current hypotheses for the evolution of sex and recombination. <i>Integrative Zoology</i> , 2012, 7, 192-209.	2.6	158
2	RECOMBINATION AND HITCHHIKING OF DELETERIOUS ALLELES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2421-2434.	2.3	86
3	The Evolutionary Interplay between Adaptation and Self-Fertilization. <i>Trends in Genetics</i> , 2017, 33, 420-431.	6.7	64
4	Introducing the Outbreak Threshold in Epidemiology. <i>PLoS Pathogens</i> , 2013, 9, e1003277.	4.7	63
5	Limits to Adaptation in Partially Selfing Species. <i>Genetics</i> , 2016, 203, 959-974.	2.9	47
6	The Role of Advantageous Mutations in Enhancing the Evolution of a Recombination Modifier. <i>Genetics</i> , 2010, 184, 1153-1164.	2.9	42
7	Hitchhiking of Deleterious Alleles and the Cost of Adaptation in Partially Selfing Species. <i>Genetics</i> , 2014, 196, 281-293.	2.9	40
8	Coalescent Times and Patterns of Genetic Diversity in Species with Facultative Sex: Effects of Gene Conversion, Population Structure, and Heterogeneity. <i>Genetics</i> , 2016, 202, 297-312.	2.9	35
9	Selective Sweeps Under Dominance and Inbreeding. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1063-1075.	1.8	25
10	Coalescence with Background and Balancing Selection in Systems with Bi- and Uniparental Reproduction: Contrasting Partial Asexuality and Selfing. <i>Genetics</i> , 2016, 202, 313-326.	2.9	23
11	Coalescence and Linkage Disequilibrium in Facultatively Sexual Diploids. <i>Genetics</i> , 2018, 210, 683-701.	2.9	23
12	Epidemiological Feedbacks Affect Evolutionary Emergence of Pathogens. <i>American Naturalist</i> , 2014, 183, E105-E117.	2.1	22
13	Within-Host Stochastic Emergence Dynamics of Immune-Escape Mutants. <i>PLoS Computational Biology</i> , 2015, 11, e1004149.	3.2	10
14	The role of deer in facilitating the spatial spread of the pathogen <i>Borrelia burgdorferi</i> . <i>Theoretical Ecology</i> , 2011, 4, 27-36.	1.0	7
15	On the origin of asexual species by means of hybridization and drift. <i>Molecular Ecology</i> , 2016, 25, 3264-3265.	3.9	4
16	Approximating the Coalescent Under Facultative Sex. <i>Journal of Heredity</i> , 2021, 112, 145-154.	2.4	4
17	Using singleton densities to detect recent selection in <i>Bos taurus</i> . <i>Evolution Letters</i> , 2021, 5, 595-606.	3.3	4
18	Digest: Effects of spatially-spreading adaptive mutations on genome-wide diversity*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1015-1016.	2.3	0