

# Anthony J Greenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,214  
citations

361413

20  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

6257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
2	Next-generation phenotyping: requirements and strategies for enhancing our understanding of genotype-phenotype relationships and its relevance to crop improvement. <i>Theoretical and Applied Genetics</i> , 2013, 126, 867-887.	3.6	512
3	Open access resources for genome-wide association mapping in rice. <i>Nature Communications</i> , 2016, 7, 10532.	12.8	371
4	Evolution of protein-coding genes in <i>Drosophila</i> . <i>Trends in Genetics</i> , 2008, 24, 114-123.	6.7	262
5	Two Evolutionary Histories in the Genome of Rice: the Roles of Domestication Genes. <i>PLoS Genetics</i> , 2011, 7, e1002100.	3.5	188
6	Ecological Adaptation During Incipient Speciation Revealed by Precise Gene Replacement. <i>Science</i> , 2003, 302, 1754-1757.	12.6	158
7	Global Diversity Lines—A Five-Continent Reference Panel of Sequenced <i>Drosophila melanogaster</i> Strains. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 593-603.	1.8	124
8	Loss of function at <i>RAE2</i> , a previously unidentified EPFL, is required for awnlessness in cultivated Asian rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8969-8974.	7.1	94
9	Population Dynamics Among six Major Groups of the <i>Oryza rufipogon</i> Species Complex, Wild Relative of Cultivated Asian Rice. <i>Rice</i> , 2016, 9, 56.	4.0	80
10	High-Resolution Inflorescence Phenotyping Using a Novel Image-Analysis Pipeline, PANorama. <i>Plant Physiology</i> , 2014, 165, 479-495.	4.8	63
11	Evolutionary Constraint and Adaptation in the Metabolic Network of <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2008, 25, 2537-2546.	8.9	58
12	Genome-Wide Convergence during Evolution of Mangroves from Woody Plants. <i>Molecular Biology and Evolution</i> , 2017, 34, msw277.	8.9	43
13	Extremely low genetic diversity across mangrove taxa reflects past sea level changes and hints at poor future responses. <i>Global Change Biology</i> , 2018, 24, 1741-1748.	9.5	41
14	Genome-wide misexpression of X-linked versus autosomal genes associated with hybrid male sterility. <i>Genome Research</i> , 2010, 20, 1097-1102.	5.5	38
15	A Hierarchical Bayesian Model for a Novel Sparse Partial Diallel Crossing Design. <i>Genetics</i> , 2010, 185, 361-373.	2.9	36
16	GAGA Factor Isoforms Have Distinct but Overlapping Functions In Vivo. <i>Molecular and Cellular Biology</i> , 2001, 21, 8565-8574.	2.3	32
17	Robust phenotyping strategies for evaluation of stem non-structural carbohydrates (NSC) in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 6125-6138.	4.8	31
18	The <i>Drosophila</i> GAGA Factor Is Required for Dosage Compensation in Males and for the Formation of the Male-Specific-Lethal Complex Chromatin Entry Site at 12DE. <i>Genetics</i> , 2004, 166, 279-289.	2.9	29

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19	Environmental and genetic perturbations reveal different networks of metabolic regulation. <i>Molecular Systems Biology</i> , 2011, 7, 563.	7.2	27
20	Adaptive Loss of an Old Duplicated Gene During Incipient Speciation. <i>Molecular Biology and Evolution</i> , 2006, 23, 401-410.	8.9	21
21	PROPER CONTROL OF GENETIC BACKGROUND WITH PRECISE ALLELE SUBSTITUTION: A COMMENT ON COYNE AND ELWYN. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 623-625.	2.3	16
22	Age-Dependent Transition from Cell-Level to Population-Level Control in Murine Intestinal Homeostasis Revealed by Coalescence Analysis. <i>PLoS Genetics</i> , 2013, 9, e1003326.	3.5	16
23	The emergence of the hyperinvasive vine, <i>Mikania micrantha</i> (Asteraceae), via admixture and founder events inferred from population transcriptomics. <i>Molecular Ecology</i> , 2017, 26, 3405-3423.	3.9	16
24	Nuclear and chloroplast diversity and phenotypic distribution of rice ( <i>Oryza sativa</i> L.) germplasm from the democratic people's republic of Korea (DPRK; North Korea). <i>Rice</i> , 2014, 7, 7.	4.0	14
25	Multiple Small-Effect Alleles of Indica Origin Enhance High Iron-Associated Stress Tolerance in Rice Under Field Conditions in West Africa. <i>Frontiers in Plant Science</i> , 2020, 11, 604938.	3.6	10
26	Low Additive Genetic Variation in a Trait Under Selection in Domesticated Rice. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2435-2443.	1.8	9
27	Genetic architecture of root and shoot ionomes in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2021, 134, 2613-2637.	3.6	9
28	Molecular Genetics of Natural Populations. <i>Molecular Biology and Evolution</i> , 2006, 23, 883-886.	8.9	6
29	Eradication of avian leukosis virus subgroups J and K in broiler cross chickens by selection against infected birds using multilocus PCR. <i>PLoS ONE</i> , 2022, 17, e0269525.	2.5	4
30	Fast Ordered Sampling of DNA Sequence Variants. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1455-1460.	1.8	0