

# James Emerson

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

5,335  
citations

361045

20  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

7497  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3D architecture of the pepper genome and its relationship to function and evolution. <i>Nature Communications</i> , 2022, 13, .	5.8	28
2	Hidden genomic features of an invasive malaria vector, <i>Anopheles stephensi</i> , revealed by a chromosome-level genome assembly. <i>BMC Biology</i> , 2021, 19, 28.	1.7	77
3	Behavioral and Genomic Sensory Adaptations Underlying the Pest Activity of <i>Drosophila suzukii</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 2532-2546.	3.5	31
4	Evolution of genome structure in the <i>Drosophila simulans</i> species complex. <i>Genome Research</i> , 2021, 31, 380-396.	2.4	55
5	Topologically associating domains and their role in the evolution of genome structure and function in <i>Drosophila</i> . <i>Genome Research</i> , 2021, 31, 397-410.	2.4	36
6	Evolutionary Genomics of Structural Variation in Asian Rice ( <i>Oryza sativa</i> ) Domestication. <i>Molecular Biology and Evolution</i> , 2020, 37, 3507-3524.	3.5	58
7	Efficient population modification gene-drive rescue system in the malaria mosquito <i>Anopheles stephensi</i> . <i>Nature Communications</i> , 2020, 11, 5553.	5.8	110
8	Genomic and biochemical evidence of dietary adaptation in a marine herbivorous fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192327.	1.2	14
9	Structural variants exhibit widespread allelic heterogeneity and shape variation in complex traits. <i>Nature Communications</i> , 2019, 10, 4872.	5.8	112
10	Inferring Compensatory Evolution of cis- and trans-Regulatory Variation. <i>Trends in Genetics</i> , 2019, 35, 1-3.	2.9	15
11	Hidden genetic variation shapes the structure of functional elements in <i>Drosophila</i> . <i>Nature Genetics</i> , 2018, 50, 20-25.	9.4	127
12	Rapid Low-Cost Assembly of the <i>Drosophila melanogaster</i> Reference Genome Using Low-Coverage, Long-Read Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3143-3154.	0.8	77
13	Evolution: A Paradigm Shift in Snake Sex Chromosome Genetics. <i>Current Biology</i> , 2017, 27, R800-R803.	1.8	7
14	Meiotic Sex Chromosome Inactivation: Compensation by Gene Traffic. <i>Current Biology</i> , 2017, 27, R659-R661.	1.8	9
15	Contiguous and accurate <i>de novo</i> assembly of metazoan genomes with modest long read coverage. <i>Nucleic Acids Research</i> , 2016, 44, gkw654.	6.5	329
16	Inheritance of Gene Expression Level and Selective Constraints on Trans- and Cis-Regulatory Changes in Yeast. <i>Molecular Biology and Evolution</i> , 2013, 30, 2121-2133.	3.5	113
17	Comparative Sex Chromosome Genomics in Snakes: Differentiation, Evolutionary Strata, and Lack of Global Dosage Compensation. <i>PLoS Biology</i> , 2013, 11, e1001643.	2.6	270
18	Population Genomics of Sub-Saharan <i>Drosophila melanogaster</i> : African Diversity and Non-African Admixture. <i>PLoS Genetics</i> , 2012, 8, e1003080.	1.5	318

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19	Drosophila Duplication Hotspots Are Associated with Late-Replicating Regions of the Genome. PLoS Genetics, 2011, 7, e1002340.	1.5	31
20	Genetically distinct coelacanth population off the northern Tanzanian coast. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18009-18013.	3.3	20
21	The genetic basis of evolutionary change in gene expression levels. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2581-2590.	1.8	68
22	Natural selection on <i>cis</i> and <i>trans</i> regulation in yeasts. Genome Research, 2010, 20, 826-836.	2.4	156
23	Natural Selection Shapes Genome-Wide Patterns of Copy-Number Polymorphism in <i>Drosophila melanogaster</i> . Science, 2008, 320, 1629-1631.	6.0	241
24	Codon volatility does not detect selection. Nature, 2005, 433, E6-E7.	13.7	16
25	Genetic, Genomic, and Functional Analysis of the Granule Lattice Proteins in Tetrahymena Secretory Granules. Molecular Biology of the Cell, 2005, 16, 4046-4060.	0.9	33
26	Extensive Gene Traffic on the Mammalian X Chromosome. Science, 2004, 303, 537-540.	6.0	387
27	Sequence and comparative analysis of the chicken genome provide unique perspectives on vertebrate evolution. Nature, 2004, 432, 695-716.	13.7	2,421
28	Nucleotide Variation and Recombination Along the Fourth Chromosome in <i>Drosophila simulans</i> . Genetics, 2004, 166, 1783-1794.	1.2	13
29	Models and Data on Plant-Enemy Coevolution. Annual Review of Genetics, 2001, 35, 469-499.	3.2	157