

James J Lewis

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

841
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex modular architecture around a simple toolkit of wing pattern genes. <i>Nature Ecology and Evolution</i> , 2017, 1, 52.	7.8	179
2	Parallel evolution of ancient, pleiotropic enhancers underlies butterfly wing pattern mimicry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24174-24183.	7.1	102
3	Chromatin conformation remains stable upon extensive transcriptional changes driven by heat shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19431-19439.	7.1	87
4	Genomic architecture of adaptive color pattern divergence and convergence in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013, 23, 1248-1257.	5.5	72
5	Dichotomy of Dosage Compensation along the Neo Z Chromosome of the Monarch Butterfly. <i>Current Biology</i> , 2019, 29, 4071-4077.e3.	3.9	66
6	Chromosome Fusion Affects Genetic Diversity and Evolutionary Turnover of Functional Loci but Consistently Depends on Chromosome Size. <i>Molecular Biology and Evolution</i> , 2021, 38, 4449-4462.	8.9	51
7	Genome-Wide Regulatory Adaptation Shapes Population-Level Genomic Landscapes in <i>Heliconius</i> . <i>Molecular Biology and Evolution</i> , 2019, 36, 159-173.	8.9	49
8	Genomic architecture of a genetically assimilated seasonal color pattern. <i>Science</i> , 2020, 370, 721-725.	12.6	48
9	ChIP-Seq-Annotated <i>Heliconius erato</i> Genome Highlights Patterns of cis-Regulatory Evolution in Lepidoptera. <i>Cell Reports</i> , 2016, 16, 2855-2863.	6.4	43
10	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in <i>Heliconius</i> . <i>ELife</i> , 2021, 10, .	6.0	40
11	Contrasting Roles of Transcription Factors Spineless and EcR in the Highly Dynamic Chromatin Landscape of Butterfly Wing Metamorphosis. <i>Cell Reports</i> , 2019, 27, 1027-1038.e3.	6.4	32
12	The <i>Dryas iulia</i> Genome Supports Multiple Gains of a W Chromosome from a B Chromosome in Butterflies. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	24
13	Many functionally connected loci foster adaptive diversification along a neotropical hybrid zone. <i>Science Advances</i> , 2020, 6, .	10.3	18
14	Mechanisms of Change: A Population-Based Perspective on the Roles of Modularity and Pleiotropy in Diversification. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	9
15	<i>Heliconius</i> butterflies: a window into the evolution and development of diversity. <i>Current Opinion in Genetics and Development</i> , 2021, 69, 72-81.	3.3	8
16	Multiple stages of evolutionary change in anthrax toxin receptor expression in humans. <i>Nature Communications</i> , 2021, 12, 6590.	12.8	2
17	E-Protein Inhibition in ILC2 Development Shapes the Function of Mature ILC2s during Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2022, 208, 1007-1020.	0.8	2