

Jeffrey M Marcus

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

702
citations

758635

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610482

24
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52
all docs

52
docs citations

52
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline transformation of the butterfly <i>Bicyclus anynana</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S263-5.	1.2	70
2	Ontogeny and Phylogeny in the Northern Swordtail Clade of <i>Xiphophorus</i> . <i>Systematic Biology</i> , 1999, 48, 491-522.	2.7	63
3	A simulation study of the genetic regulatory hierarchy for butterfly eyespot focus determination. <i>Evolution & Development</i> , 2006, 8, 273-283.	1.1	57
4	The development and evolution of crossveins in insect wings. <i>Journal of Anatomy</i> , 2001, 199, 211-216.	0.9	35
5	Jumping genes and AFLP maps: transforming lepidopteran color pattern genetics. <i>Evolution & Development</i> , 2005, 7, 108-114.	1.1	35
6	The complete mitochondrial genome of the lemon pansy <i>Junonia lemonias</i> (Lepidoptera: Nymphalidae:). <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	0.45	33
7	Taxonomy as a hypothesis: testing the status of the Bermuda buckeye butterfly <i>Junonia coenia bergi</i> (Lepidoptera: Nymphalidae). <i>Systematic Entomology</i> , 2017, 42, 288-300.	1.7	33
8	Our love-hate relationship with DNA barcodes, the Y2K problem, and the search for next generation barcodes. <i>AIMS Genetics</i> , 2018, 05, 001-023.	1.9	31
9	Molecular Population Structure of <i>Junonia</i> Butterflies from French Guiana, Guadeloupe, and Martinique. <i>Psyche: Journal of Entomology</i> , 2014, 2014, 1-21.	0.4	21
10	Genetic population structure of buckeye butterflies (<i>Junonia</i>) from Argentina. <i>Systematic Entomology</i> , 2014, 39, 242-255.	1.7	20
11	A new A-P compartment boundary and organizer in holometabolous insect wings. <i>Scientific Reports</i> , 2017, 7, 16337.	1.6	20
12	A tale of two haplotype groups: evaluating the New World <i>Junonia</i> ring species hypothesis using the distribution of divergent <i>COI</i> haplotypes. <i>Systematic Entomology</i> , 2015, 40, 532-546.	1.7	17
13	A simulation study of mutations in the genetic regulatory hierarchy for butterfly eyespot focus determination. <i>BioSystems</i> , 2008, 93, 250-255.	0.9	14
14	The Taxonomy and Population Structure of the Buckeye Butterflies (Genus <i>Junonia</i> , Nymphalidae:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.0	13
15	Getting western: biogeographical analysis of morphological variation, mitochondrial haplotypes and nuclear markers reveals cryptic species and hybrid zones in the <i>Junonia</i> butterflies of the American southwest and Mexico. <i>Systematic Entomology</i> , 2019, 44, 465-489.	1.7	13
16	Colour pattern homology and evolution in <i>Vanesa</i> butterflies (Nymphalidae: Nymphalini): eyespot characters. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2009-2026.	0.8	12
17	The complete mitochondrial genome of the Malagasy clouded mother-of-pearl butterfly <i>Protogoniomorpha ancardii duprei</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3243-3245.	0.2	12
18	The complete mitochondrial genome of the black dead leaf butterfly <i>Doleschallia melana</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3306-3308.	0.2	12

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19	Color pattern evolution in <i>Vanessa</i> butterflies (Nymphalidae: Nymphalini): non-eyespot characters. <i>Evolution & Development</i> , 2015, 17, 63-81.	1.1	11
20	The complete mitochondrial genome of the Madagascar banded commodore butterfly <i>Precis andremiaja</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	11
21	How old can we go? Evaluating the age limit for effective DNA recovery from historical insect specimens. <i>Systematic Entomology</i> , 2020, 45, 505-515.	1.7	11
22	The complete mitochondrial genome of the Jackson's leaf butterfly <i>Mallika jacksoni</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	11
23	The complete mitochondrial genome of the African leaf butterfly <i>Kallimoides rumia</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	10
24	The complete mitochondrial genome of the brown pansy butterfly, <i>Junonia stygia</i> (Aurivillius). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	9
25	Improved injection needles facilitate germline transformation of the buckeye butterfly <i>Junonia coenia</i> . <i>BioTechniques</i> , 2014, 56, 142-144.	0.8	8
26	The complete mitochondrial genome of the long-horned caddisfly <i>Triaenodes tardus</i> (Insecta: Trichoptera: Limnephilidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	8
27	The complete mitochondrial genome of the Madagascar mother-of-pearl butterfly <i>Salamis anteva</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 296-298.	0.2	8
28	Phylogenetic analysis of the complete mitochondrial genome of the white peacock butterfly <i>Anartia jatrophae saturata</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3690-3692.	0.2	8
29	The complete mitochondrial genome and phylogenetic analysis of the European map butterfly <i>Araschnia levana</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3246-3248.	0.2	8
30	The complete mitochondrial genome of the Bermuda buckeye butterfly <i>Junonia coenia bergi</i> (Insecta: Lepidoptera: Nymphalidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	7
31	The complete mitochondrial genome of the file ramshorn snail <i>Planorbella pilsbryi</i> (Mollusca: Planorbidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 277-279.	0.2	7
32	Drosophila Transposon Insertions as Unknowns for Structured Inquiry Recombination Mapping Exercises in an Undergraduate Genetics Course. <i>Genetics</i> , 2009, 182, 417-422.	1.2	6
33	The complete mitochondrial genome of the North American caddisfly <i>Anabolia bimaculata</i> (Insecta: Trichoptera: Limnephilidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 595-597.	0.2	6
34	RAD7 homologues contribute to Arabidopsis UV tolerance. <i>Plant Science</i> , 2018, 277, 267-277.	1.7	6
35	The complete mitochondrial genome of the giant casemaker caddisfly <i>Phryganea cinerea</i> (Insecta: Trichoptera: Phryganeidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 375-377.	0.2	6
36	The complete mitochondrial genome of the North American pale summer sedge caddisfly <i>Limnephilus hyalinus</i> (Insecta: Trichoptera: Limnephilidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 413-415.	0.2	6

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37	It's a moth! It's a butterfly! It's the complete mitochondrial genome of the American moth-butterfly <i>Macrosoma conifera</i> (Warren, 1897) (Insecta: Lepidoptera: Hedyliidae)!. Mitochondrial DNA Part B: Resources, 2020, 5, 3615-3617.	0.2	6
38	The Upper Green River Barcode of Life Project. Journal of the Kentucky Academy of Science, 2009, 70, 75-83.	0.7	5
39	Female Site-Specific Transposase-Induced Recombination: A High-Efficiency Method for Fine Mapping Mutations on the X Chromosome in <i>Drosophila</i> . Genetics, 2003, 163, 591-597.	1.2	5
40	Phylogenetic analysis of the complete mitochondrial genome of the Blomfield's Beauty butterfly <i>Smyrna blomfieldia</i> (Fabricius 1781) (Insecta: Lepidoptera: Nymphalidae: Nymphalini). Mitochondrial DNA Part B: Resources, 2021, 6, 3199-3201.	0.2	5
41	The complete mitochondrial genome of the Indian leafwing butterfly <i>Kallima paralekta</i> (insecta:) Tj ETQq1 1 0,784314 rgBT /Overlock, 10 Tf 50 4	0.2	4
42	Evo-Devo of Butterfly Wing Patterns. , 2019, , 1-14.		4
43	Reply to "A refutation to "A new A-P compartment boundary and organizer in holometabolous insect wings". Scientific Reports, 2019, 9, 7048.	1.6	3
44	Entomological time travel: reconstructing the invasion history of the buckeye butterflies (genus) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 4	1.2	3
45	Phylogenetic analysis of the complete mitochondrial genome of the Japanese peacock butterfly <i>Aglais io geisha</i> (Stichel 1907) (Insecta: Lepidoptera: Nymphalidae). Mitochondrial DNA Part B: Resources, 2021, 6, 3082-3084.	0.2	3
46	A Partial Solution to the C-Value Paradox. Lecture Notes in Computer Science, 2005, , 97-105.	1.0	3
47	Molecular Tools for Understanding Landscape Genetics and the Population Genetic Effects of Habitat Restoration on Butterflies. Journal of the Lepidopterists' Society, 2018, 72, 253-264.	0.0	2
48	A global molecular phylogeny yields insights into the dispersal and invasion history of <i>Junonia</i> , a butterfly genus with remarkable dispersal abilities. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	1
49	Why don't creationists use private schools?. Nature, 2000, 407, 671-671.	13.7	0
50	Evo-Devo of Butterfly Wing Patterns. , 2021, , 735-748.		0
51	Mathematical modeling of the eyespots in butterfly wings. Journal of Theoretical Biology, 2021, 531, 110898.	0.8	0
52	The complete mitochondrial genome of the smudged eighty-eight butterfly <i>Diaethria gabaza eupepla</i> (Salvin & Godman, 1868) (Insecta: Lepidoptera: Nymphalidae). Mitochondrial DNA Part B: Resources, 2022, 7, 673-675.	0.2	0