

# Michael J Blum

## List of Publications by Citations

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84  
papers

1,829  
citations

24  
h-index

39  
g-index

87  
ext. papers

2,216  
ext. citations

4  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
84	DNA-based methods for monitoring invasive species: a review and prospectus. <i>Biological Invasions</i> , <b>2007</b> , 9, 751-765	2.7	168
83	Morphological responses of a stream fish to water impoundment. <i>Biology Letters</i> , <b>2010</b> , 6, 803-6	3.6	148
82	An ancient icon reveals new mysteries: mummy DNA resurrects a cryptic species within the Nile crocodile. <i>Molecular Ecology</i> , <b>2011</b> , 20, 4199-215	5.7	95
81	Global population divergence and admixture of the brown rat ( <i>Rattus norvegicus</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	83
80	Singing in a silent spring: Birds respond to a half-century soundscape reversion during the COVID-19 shutdown. <i>Science</i> , <b>2020</b> , 370, 575-579	33.3	76
79	A Tale of Two Spills: Novel Science and Policy Implications of an Emerging New Oil Spill Model. <i>BioScience</i> , <b>2012</b> , 62, 461-469	5.7	74
78	Geographic structure, genetic diversity and source tracking of <i>Spartina alterniflora</i> . <i>Journal of Biogeography</i> , <b>2007</b> , 34, 2055-2069	4.1	70
77	Commonly rare and rarely common: comparing population abundance of invasive and native aquatic species. <i>PLoS ONE</i> , <b>2013</b> , 8, e77415	3.7	52
76	Hybridization between invasive <i>Spartina densiflora</i> (Poaceae) and native <i>S. foliosa</i> in San Francisco Bay, California, USA. <i>American Journal of Botany</i> , <b>2008</b> , 95, 713-9	2.7	51
75	Consequences of alternative dispersal strategies in a putatively amphidromous fish. <i>Ecology</i> , <b>2014</b> , 95, 2397-2408	4.6	48
74	Characterization of microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Molecular Ecology Notes</i> , <b>2003</b> , 4, 39-42		42
73	Genetic diversity and species diversity of stream fishes covary across a land-use gradient. <i>Oecologia</i> , <b>2012</b> , 168, 83-95	2.9	33
72	Molecular assessment of population differentiation and individual assignment potential of Nile crocodile ( <i>Crocodylus niloticus</i> ) populations. <i>Conservation Genetics</i> , <b>2010</b> , 11, 1435-1443	2.6	32
71	Exposure to an environmental estrogen breaks down sexual isolation between native and invasive species. <i>Evolutionary Applications</i> , <b>2012</b> , 5, 901-12	4.8	31
70	Science Communication Through Art: Objectives, Challenges, and Outcomes. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 657-660	10.9	31
69	Genetic estimates of population structure and dispersal in a benthic stream fish. <i>Ecology of Freshwater Fish</i> , <b>2012</b> , 21, 75-86	2.1	30
68	Reproductive isolation and the expansion of an invasive hybrid swarm. <i>Biological Invasions</i> , <b>2010</b> , 12, 2825-2836	2.7	30

67	Characterization of 24 additional microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Conservation Genetics</i> , <b>2006</b> , 6, 1049-1052	2.6	30
66	Urban rat races: spatial population genomics of brown rats ( <i>Rattus norvegicus</i> ) compared across multiple cities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	29
65	Shifts in Symbiotic Endophyte Communities of a Foundational Salt Marsh Grass following Oil Exposure from the Deepwater Horizon Oil Spill. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122378	3.7	28
64	Population structure, multiple paternity, and long-distance transport of spermatozoa in the freshwater mussel <i>Lampsilis cardium</i> (Bivalvia:Unionidae). <i>Freshwater Science</i> , <b>2013</b> , 32, 267-282	2	28
63	Predictors of body shape among populations of a stream fish ( <i>Cyprinella venusta</i> , Cypriniformes: Cyprinidae). <i>Biological Journal of the Linnean Society</i> , <b>2015</b> , 115, 842-858	1.9	27
62	Landscape genetics of <i>Schistocephalus solidus</i> parasites in threespine stickleback ( <i>Gasterosteus aculeatus</i> ) from Alaska. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122307	3.7	26
61	Abandonment, Ecological Assembly and Public Health Risks in Counter-Urbanizing Cities. <i>Sustainability</i> , <b>2016</b> , 8, 491	3.6	26
60	Inter-basin exchange and repeated headwater capture across the Sierra Madre Occidental inferred from the phylogeography of Mexican stonerollers. <i>Journal of Biogeography</i> , <b>2011</b> , 38, 1406-1421	4.1	23
59	Rodent-Borne Bartonella Infection Varies According to Host Species Within and Among Cities. <i>EcoHealth</i> , <b>2017</b> , 14, 771-782	3.1	22
58	Molecular Systematics of the Cyprinid Genus <i>Campostoma</i> (Actinopterygii: Cypriniformes): Disassociation between Morphological and Mitochondrial Differentiation. <i>Copeia</i> , <b>2008</b> , 2008, 360-369	1.1	22
57	A molecular phylogeny of the neotropical butterfly genus <i>Anartia</i> (Lepidoptera: Nymphalidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 26, 46-55	4.1	22
56	Source-sink dynamics sustain central stonerollers ( <i>Campostoma anomalum</i> ) in a heavily urbanized catchment. <i>Freshwater Biology</i> , <b>2008</b> , 53, 2061-2075	3.1	21
55	Characterization of microsatellite loci in the European green crab ( <i>Carcinus maenas</i> ). <i>Molecular Ecology Notes</i> , <b>2006</b> , 6, 343-345		21
54	Socioecological disparities in New Orleans following Hurricane Katrina. <i>Ecosphere</i> , <b>2017</b> , 8, e01922	3.1	20
53	Disturbance, Reassembly, and Disease Risk in Socioecological Systems. <i>EcoHealth</i> , <b>2016</b> , 13, 450-455	3.1	20
52	Molecular and Morphological Evidence of Distinct Evolutionary Lineages of <i>Awaous guamensis</i> in Hawai'i and Guam. <i>Copeia</i> , <b>2012</b> , 2012, 293-300	1.1	20
51	Deep sequencing reveals multiclonality and new discrete typing units of <i>Trypanosoma cruzi</i> in rodents from the southern United States. <i>Journal of Microbiology, Immunology and Infection</i> , <b>2020</b> , 53, 622-633	8.5	20
50	Genetic variation of <i>Spartina alterniflora</i> intentionally introduced to China. <i>Biological Invasions</i> , <b>2016</b> , 18, 1485-1498	2.7	19

49	Spread of an introduced parasite across the Hawaiian archipelago independent of its introduced host. <i>Freshwater Biology</i> , <b>2015</b> , 60, 311-322	3.1	17
48	Rodent assemblage structure reflects socioecological mosaics of counter-urbanization across post-Hurricane Katrina New Orleans. <i>Landscape and Urban Planning</i> , <b>2020</b> , 195, 103710	7.7	17
47	Geographic range and structure of cryptic genetic diversity among Pacific North American populations of the non-native amphipod <i>Grandidierella japonica</i> . <i>Biological Invasions</i> , <b>2013</b> , 15, 2415-2428	2.7	16
46	Overcoming urban stream syndrome: Trophic flexibility confers resilience in a Hawaiian stream fish. <i>Freshwater Biology</i> , <b>2018</b> , 63, 492-502	3.1	15
45	Ecological and genetic associations across a Heliconius hybrid zone. <i>Journal of Evolutionary Biology</i> , <b>2008</b> , 21, 330-341	2.3	15
44	A Dedicated Pediatric Spine Deformity Team Significantly Reduces Surgical Time and Cost. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2018</b> , 100, 1574-1580	5.6	13
43	Persisting responses of salt marsh fungal communities to the Deepwater Horizon oil spill. <i>Science of the Total Environment</i> , <b>2018</b> , 642, 904-913	10.2	13
42	Rapid movement and instability of an invasive hybrid swarm. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 741-55	4.8	12
41	Isolation and differentiation of <i>Rivulus hartii</i> across Trinidad and neighboring islands. <i>Molecular Ecology</i> , <b>2011</b> , 20, 601-18	5.7	11
40	Turbidity alters pre-mating social interactions between native and invasive stream fishes. <i>Freshwater Biology</i> , <b>2015</b> , 60, 1784-1793	3.1	10
39	Brackish Marsh Plant Community Responses to Regional Precipitation and Relative sea-Level Rise. <i>Wetlands</i> , <b>2016</b> , 36, 607-619	1.7	10
38	Rat Lungworm Infection in Rodents across Post-Katrina New Orleans, Louisiana, USA. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 2176-2183	10.2	10
37	Clonal Vegetation Patterns Mediate Shoreline Erosion. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 6476-6484	4.9	10
36	Resurrecting an extinct species: archival DNA, taxonomy, and conservation of the Vegas Valley leopard frog. <i>Conservation Genetics</i> , <b>2011</b> , 12, 1379-1385	2.6	9
35	Genetic Analysis of the Chinese Mitten Crab ( <i>Eriocheir sinensis</i> ) Introduced to the North American Great Lakes and St. Lawrence Seaway. <i>Journal of Great Lakes Research</i> , <b>2007</b> , 33, 658	3	9
34	Advancing community resilience research and practice: moving from the <i>to Well to BD</i> . <i>Journal of Risk Research</i> , <b>2020</b> , 23, 1-10	4.2	9
33	Evidence of local adaptation in a waterfall-climbing Hawaiian goby fish derived from coupled biophysical modeling of larval dispersal and post-settlement selection. <i>BMC Evolutionary Biology</i> , <b>2019</b> , 19, 88	3	8
32	Invasion of the Hawaiian Islands by a parasite infecting imperiled stream fishes. <i>Ecography</i> , <b>2018</b> , 41, 528-539	6.5	8

31	Genetic structure of <i>Culex erraticus</i> populations across the Americas. <i>Journal of Medical Entomology</i> , <b>2012</b> , 49, 522-34	2.2	8
30	Hybridization between <i>Schoenoplectus</i> sedges across Chesapeake Bay marshes. <i>Conservation Genetics</i> , <b>2010</b> , 11, 1885-1898	2.6	8
29	Mutual dilution of infection by an introduced parasite in native and invasive stream fishes across Hawaii. <i>Parasitology</i> , <b>2016</b> , 143, 1605-14	2.7	8
28	Characterization of microsatellite loci in <i>Schoenoplectus americanus</i> (Cyperaceae). <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 661-663		7
27	Geographic independence and phylogenetic diversity of red shiner introductions. <i>Conservation Genetics</i> , <b>2016</b> , 17, 795-809	2.6	6
26	Phylogeography of the widespread creek chub <i>Semotilus atromaculatus</i> (Cypriniformes: Leuciscidae). <i>Journal of Fish Biology</i> , <b>2018</b> , 93, 778-791	1.9	6
25	Rhizosphere microbial communities reflect genotypic and trait variation in a salt marsh ecosystem engineer. <i>American Journal of Botany</i> , <b>2020</b> , 107, 941-949	2.7	5
24	A century of genetic variation inferred from a persistent soil-stored seed bank. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 1715-1731	4.8	5
23	In the heart of the city: <i>Trypanosoma cruzi</i> infection prevalence in rodents across New Orleans. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 577	4	5
22	Comparison of Visual Survey and MarkRecapture Population Estimates of a Benthic Fish in Hawaii. <i>Transactions of the American Fisheries Society</i> , <b>2016</b> , 145, 878-887	1.7	5
21	Remediation and Restoration of Northern Gulf of Mexico Coastal Ecosystems Following the Deepwater Horizon Event <b>2014</b> , 59-88		4
20	Intraspecific variation in landform engineering across a restored salt marsh shoreline. <i>Evolutionary Applications</i> , <b>2021</b> , 14, 685-697	4.8	4
19	Amplification of pathogenic <i>Leptospira</i> infection with greater abundance and co-occurrence of rodent hosts across a counter-urbanizing landscape. <i>Molecular Ecology</i> , <b>2021</b> , 30, 2145-2161	5.7	4
18	Genetic diversity of the endangered Chinese endemic plant <i>Monimopetalum chinense</i> revealed by amplified fragment length polymorphism (AFLP). <i>Biochemical Systematics and Ecology</i> , <b>2011</b> , 39, 384-391 <sup>1.4</sup>		3
17	Characterization of ten novel microsatellite markers in <i>Awaous guamensis</i> with comments on cross amplification in congeners and other amphidromous fish native to Hawaii. <i>Conservation Genetics Resources</i> , <b>2011</b> , 3, 275-277	0.8	3
16	A century-long record of plant evolution reconstructed from a coastal marsh seed bank. <i>Evolution Letters</i> , <b>2021</b> , 5, 422-431	5.3	3
15	Geographic and host-mediated population genetic structure in a cestode parasite of the three-spined stickleback. <i>Biological Journal of the Linnean Society</i> , <b>2016</b> , 119, 381-396	1.9	3
14	Parasitism of a native Hawaiian stream fish by an introduced nematode increases with declining precipitation across a natural rainfall gradient. <i>Ecology of Freshwater Fish</i> , <b>2016</b> , 25, 476-486	2.1	3

13	Migratory gauntlets on oceanic islands: Watershed disturbance increases the cost of amphidromy. <i>Ecology of Freshwater Fish</i> , <b>2019</b> , 28, 446-458	2.1	3
12	Migratory flexibility in native Hawai'ian amphidromous fishes. <i>Journal of Fish Biology</i> , <b>2020</b> , 96, 456-468	1.9	2
11	Host genetic variation and microenvironment shape an emergent plant-antagonist interaction. <i>Evolutionary Ecology</i> , <b>2016</b> , 30, 1043-1060	1.8	1
10	Neutral and non-neutral factors shape an emergent plant-antagonist interaction. <i>Evolutionary Ecology</i> , <b>2018</b> , 32, 265-285	1.8	1
9	Accounting for variability when resurrecting dormant propagules substantiates their use in eco-evolutionary studies.. <i>Evolutionary Applications</i> , <b>2021</b> , 14, 2831-2847	4.8	1
8	Estimating effective population size for a cestode parasite infecting three-spined sticklebacks. <i>Parasitology</i> , <b>2019</b> , 146, 883-896	2.7	0
7	Effectiveness and outcomes of invasive species removal in Hawaiian streams. <i>Biological Invasions</i> , <b>2021</b> , 23, 1739-1763	2.7	0
6	Invasion and rapid adaptation of guppies () across the Hawaiian Archipelago. <i>Evolutionary Applications</i> , <b>2021</b> , 14, 1747-1761	4.8	0
5	Chronosequence of morphological change in a stream fish following impoundment. <i>Freshwater Biology</i> , <b>2021</b> , 66, 1721-1735	3.1	0
4	Rodent Virus Diversity and Differentiation across Post-Katrina New Orleans. <i>Sustainability</i> , <b>2021</b> , 13, 8034	3.6	0
3	Flooding and abandonment have shaped rat demography across post-Katrina New Orleans. <i>Landscape and Urban Planning</i> , <b>2021</b> , 215, 104218	7.7	0
2	Spatial and temporal comparisons of salt marsh soil fungal communities following the deepwater horizon spill. <i>Wetlands Ecology and Management</i> , 1	2.1	
1	Environmental Pressures on Top-Down and Bottom-Up Forces in Coastal Ecosystems. <i>Diversity</i> , <b>2021</b> , 13, 444	2.5	