

# Michael J Blum

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

2,515  
citations

218677

26  
h-index

223800

46  
g-index

87  
all docs

87  
docs citations

87  
times ranked

3593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial mediation of salinity stress response varies by plant genotype and provenance over time. <i>Molecular Ecology</i> , 2022, 31, 4571-4585.	3.9	5
2	Intraspecific variation in landform engineering across a restored salt marsh shoreline. <i>Evolutionary Applications</i> , 2021, 14, 685-697.	3.1	10
3	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> , 2021, 30, 2145-2161.	3.9	6
4	Effectiveness and outcomes of invasive species removal in Hawaiian streams. <i>Biological Invasions</i> , 2021, 23, 1739-1763.	2.4	6
5	Invasion and rapid adaptation of guppies ( <i>Poecilia reticulata</i> ) across the Hawaiian Archipelago. <i>Evolutionary Applications</i> , 2021, 14, 1747-1761.	3.1	6
6	Chronosequence of morphological change in a stream fish following impoundment. <i>Freshwater Biology</i> , 2021, 66, 1721-1735.	2.4	3
7	A century-long record of plant evolution reconstructed from a coastal marsh seed bank. <i>Evolution Letters</i> , 2021, 5, 422-431.	3.3	8
8	Rodent Virus Diversity and Differentiation across Post-Katrina New Orleans. <i>Sustainability</i> , 2021, 13, 8034.	3.2	1
9	Environmental Pressures on Top-Down and Bottom-Up Forces in Coastal Ecosystems. <i>Diversity</i> , 2021, 13, 444.	1.7	0
10	Flooding and abandonment have shaped rat demography across post-Katrina New Orleans. <i>Landscape and Urban Planning</i> , 2021, 215, 104218.	7.5	2
11	Accounting for variability when resurrecting dormant propagules substantiates their use in eco-evolutionary studies. <i>Evolutionary Applications</i> , 2021, 14, 2831-2847.	3.1	4
12	Advancing community resilience research and practice: moving from "evidence" to "evidence-based". <i>Journal of Risk Research</i> , 2020, 23, 1-10.	2.6	19
13	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> , 2020, 53, 622-633.	3.1	31
14	Rodent assemblage structure reflects socioecological mosaics of counter-urbanization across post-Hurricane Katrina New Orleans. <i>Landscape and Urban Planning</i> , 2020, 195, 103710.	7.5	20
15	In the heart of the city: <i>Trypanosoma cruzi</i> infection prevalence in rodents across New Orleans. <i>Parasites and Vectors</i> , 2020, 13, 577.	2.5	10
16	Singing in a silent spring: Birds respond to a half-century soundscape reversion during the COVID-19 shutdown. <i>Science</i> , 2020, 370, 575-579.	12.6	165
17	Rhizosphere microbial communities reflect genotypic and trait variation in a salt marsh ecosystem engineer. <i>American Journal of Botany</i> , 2020, 107, 941-949.	1.7	14
18	Migratory flexibility in native Hawai'ian amphidromous fishes. <i>Journal of Fish Biology</i> , 2020, 96, 456-468.	1.6	9

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19	Estimating effective population size for a cestode parasite infecting three-spined sticklebacks. <i>Parasitology</i> , 2019, 146, 883-896.	1.5	6
20	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> , 2019, 19, 88.	3.2	9
21	Migratory gauntlets on oceanic islands: Watershed disturbance increases the cost of amphidromy. <i>Ecology of Freshwater Fish</i> , 2019, 28, 446-458.	1.4	6
22	Overcoming urban stream syndrome: Trophic flexibility confers resilience in a Hawaiian stream fish. <i>Freshwater Biology</i> , 2018, 63, 492-502.	2.4	25
23	Invasion of the Hawaiian Islands by a parasite infecting imperiled stream fishes. <i>Ecography</i> , 2018, 41, 528-539.	4.5	8
24	Phylogeography of the widespread creek chub <i>Semotilus atromaculatus</i> (Cypriniformes: Leuciscidae). <i>Journal of Fish Biology</i> , 2018, 93, 778-791.	1.6	8
25	Rat Lungworm Infection in Rodents across Post-Katrina New Orleans, Louisiana, USA. <i>Emerging Infectious Diseases</i> , 2018, 24, 2176-2183.	4.3	13
26	A Dedicated Pediatric Spine Deformity Team Significantly Reduces Surgical Time and Cost. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1574-1580.	3.0	26
27	Clonal Vegetation Patterns Mediate Shoreline Erosion. <i>Geophysical Research Letters</i> , 2018, 45, 6476-6484.	4.0	14
28	Persisting responses of salt marsh fungal communities to the Deepwater Horizon oil spill. <i>Science of the Total Environment</i> , 2018, 642, 904-913.	8.0	25
29	A century of genetic variation inferred from a persistent soil-stored seed bank. <i>Evolutionary Applications</i> , 2018, 11, 1715-1731.	3.1	11
30	Neutral and non-neutral factors shape an emergent plant-antagonist interaction. <i>Evolutionary Ecology</i> , 2018, 32, 265-285.	1.2	1
31	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> , 2018, 285, 20180245.	2.6	48
32	Socioecological disparities in New Orleans following Hurricane Katrina. <i>Ecosphere</i> , 2017, 8, e01922.	2.2	24
33	Rodent-Borne Bartonella Infection Varies According to Host Species Within and Among Cities. <i>EcoHealth</i> , 2017, 14, 771-782.	2.0	31
34	Abandonment, Ecological Assembly and Public Health Risks in Counter-Urbanizing Cities. <i>Sustainability</i> , 2016, 8, 491.	3.2	31
35	Geographic and host-mediated population genetic structure in a cestode parasite of the three-spined stickleback. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 381-396.	1.6	7
36	Comparison of Visual Survey and Mark-Recapture Population Estimates of a Benthic Fish in Hawaii. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 878-887.	1.4	6

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37	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> , 2016, 25, 476-486.	1.4	4
38	Science Communication Through Art: Objectives, Challenges, and Outcomes. <i>Trends in Ecology and Evolution</i> , 2016, 31, 657-660.	8.7	53
39	Mutual dilution of infection by an introduced parasite in native and invasive stream fishes across Hawaii. <i>Parasitology</i> , 2016, 143, 1605-1614.	1.5	9
40	Genetic variation of <i>Spartina alterniflora</i> intentionally introduced to China. <i>Biological Invasions</i> , 2016, 18, 1485-1498.	2.4	44
41	Brackish Marsh Plant Community Responses to Regional Precipitation and Relative sea-Level Rise. <i>Wetlands</i> , 2016, 36, 607-619.	1.5	14
42	Disturbance, Reassembly, and Disease Risk in Socioecological Systems. <i>EcoHealth</i> , 2016, 13, 450-455.	2.0	23
43	Host genetic variation and microenvironment shape an emergent plant-antagonist interaction. <i>Evolutionary Ecology</i> , 2016, 30, 1043-1060.	1.2	1
44	Global population divergence and admixture of the brown rat ( <i>Rattus norvegicus</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161762.	2.6	119
45	Geographic independence and phylogenetic diversity of red shiner introductions. <i>Conservation Genetics</i> , 2016, 17, 795-809.	1.5	7
46	Rapid movement and instability of an invasive hybrid swarm. <i>Evolutionary Applications</i> , 2016, 9, 741-755.	3.1	16
47	Spread of an introduced parasite across the Hawaiian archipelago independent of its introduced host. <i>Freshwater Biology</i> , 2015, 60, 311-322.	2.4	18
48	Turbidity alters pre-mating social interactions between native and invasive stream fishes. <i>Freshwater Biology</i> , 2015, 60, 1784-1793.	2.4	13
49	Landscape Genetics of <i>Schistocephalus solidus</i> Parasites in Threespine Stickleback ( <i>Gasterosteus</i> ) Tj ETQq1 1 0.784314 rgBT/Overlock 2.5 29	2.5	29
50	Shifts in Symbiotic Endophyte Communities of a Foundational Salt Marsh Grass following Oil Exposure from the Deepwater Horizon Oil Spill. <i>PLoS ONE</i> , 2015, 10, e0122378.	2.5	40
51	Predictors of body shape among populations of a stream fish ( <i>Cyprinella venusta</i> ) Tj ETQq1 1 0.784314 rgBT/Overlock 1.6 36	1.6	36
52	Consequences of alternative dispersal strategies in a putatively amphidromous fish. <i>Ecology</i> , 2014, 95, 2397-2408.	3.2	57
53	Population structure, multiple paternity, and long-distance transport of spermatozoa in the freshwater mussel <i>Lampsilis cardium</i> (Bivalvia:Unionidae). <i>Freshwater Science</i> , 2013, 32, 267-282.	1.8	36
54	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> , 2013, 15, 2415-2428.	2.4	18

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55	Commonly Rare and Rarely Common: Comparing Population Abundance of Invasive and Native Aquatic Species. PLoS ONE, 2013, 8, e77415.	2.5	67
56	A Tale of Two Spills: Novel Science and Policy Implications of an Emerging New Oil Spill Model. BioScience, 2012, 62, 461-469.	4.9	89
57	Genetic Structure of <i>Culex erraticus</i> Populations Across the Americas. Journal of Medical Entomology, 2012, 49, 522-534.	1.8	9
58	Molecular and Morphological Evidence of Distinct Evolutionary Lineages of <i>Awaous guamensis</i> in Hawai'i and Guam. Copeia, 2012, 2012, 293-300.	1.3	23
59	Genetic estimates of population structure and dispersal in a benthic stream fish. Ecology of Freshwater Fish, 2012, 21, 75-86.	1.4	38
60	Exposure to an environmental estrogen breaks down sexual isolation between native and invasive species. Evolutionary Applications, 2012, 5, 901-912.	3.1	36
61	Genetic diversity and species diversity of stream fishes covary across a land-use gradient. Oecologia, 2012, 168, 83-95.	2.0	44
62	Reconsidering the New Normal: Trauma, Vulnerability & Resilience in Post-Katrina New Orleans. Nature Precedings, 2011, . .	0.1	0
63	Inter-basin exchange and repeated headwater capture across the Sierra Madre Occidental inferred from the phylogeography of Mexican stone rollers. Journal of Biogeography, 2011, 38, 1406-1421.	3.0	30
64	Isolation and differentiation of <i>Rivulus hartii</i> across Trinidad and neighboring islands. Molecular Ecology, 2011, 20, 601-618.	3.9	15
65	An ancient icon reveals new mysteries: mummy DNA resurrects a cryptic species within the Nile crocodile. Molecular Ecology, 2011, 20, 4199-4215.	3.9	131
66	Genetic diversity of the endangered Chinese endemic plant <i>Monimopetalum chinense</i> revealed by amplified fragment length polymorphism (AFLP). Biochemical Systematics and Ecology, 2011, 39, 384-391.	1.3	4
67	Resurrecting an extinct species: archival DNA, taxonomy, and conservation of the Vegas Valley leopard frog. Conservation Genetics, 2011, 12, 1379-1385.	1.5	10
68	Characterization of ten novel microsatellite markers in <i>Awaous guamensis</i> with comments on cross amplification in congeners and other amphidromous fish native to Hawai'i. Conservation Genetics Resources, 2011, 3, 275-277.	0.8	3
69	Reproductive isolation and the expansion of an invasive hybrid swarm. Biological Invasions, 2010, 12, 2825-2836.	2.4	33
70	Molecular assessment of population differentiation and individual assignment potential of Nile crocodile ( <i>Crocodylus niloticus</i> ) populations. Conservation Genetics, 2010, 11, 1435-1443.	1.5	36
71	Hybridization between <i>Schoenoplectus</i> sedges across Chesapeake Bay marshes. Conservation Genetics, 2010, 11, 1885-1898.	1.5	9
72	Morphological responses of a stream fish to water impoundment. Biology Letters, 2010, 6, 803-806.	2.3	184

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73	Ecological and genetic associations across a <i>Heliconius</i> hybrid zone. <i>Journal of Evolutionary Biology</i> , 2008, 21, 330-341.	1.7	17
74	Source-sink dynamics sustain central stonerollers ( <i>Campostoma anomalum</i> ) in a heavily urbanized catchment. <i>Freshwater Biology</i> , 2008, 53, 2061-2075.	2.4	22
75	Molecular Systematics of the Cyprinid Genus <i>Campostoma</i> (Actinopterygii: Cypriniformes): Disassociation between Morphological and Mitochondrial Differentiation. <i>Copeia</i> , 2008, 2008, 360-369.	1.3	27
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> , 2008, 95, 713-719.	1.7	67
77	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> , 2007, 33, 658.	1.9	10
78	Geographic structure, genetic diversity and source tracking of <i>Spartina alterniflora</i> . <i>Journal of Biogeography</i> , 2007, 34, 2055-2069.	3.0	91
79	DNA-based methods for monitoring invasive species: a review and prospectus. <i>Biological Invasions</i> , 2007, 9, 751-765.	2.4	205
80	Characterization of microsatellite loci in the European green crab ( <i>Carcinus maenas</i> ). <i>Molecular Ecology Notes</i> , 2006, 6, 343-345.	1.7	23
81	Characterization of 24 additional microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Conservation Genetics</i> , 2006, 6, 1049-1052.	1.5	43
82	Characterization of microsatellite loci in <i>Schoenoplectus americanus</i> (Cyperaceae). <i>Molecular Ecology Notes</i> , 2005, 5, 661-663.	1.7	8
83	A molecular phylogeny of the neotropical butterfly genus <i>Anartia</i> (Lepidoptera: Nymphalidae). <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 46-55.	2.7	23
84	Characterization of microsatellite loci in <i>Spartina</i> species (Poaceae). <i>Molecular Ecology Notes</i> , 2003, 4, 39-42.	1.7	59
85	Spatial and temporal comparisons of salt marsh soil fungal communities following the deepwater horizon spill. <i>Wetlands Ecology and Management</i> , 0, , 1.	1.5	0