

# Adrian Munguia-Vega

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,004  
citations

567281

15  
h-index

477307

29  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking the desert's edge with a Pleistocene relict. <i>Journal of Arid Environments</i> , 2022, 196, 104653.	2.4	1
2	Integrating Earth's life systems: a geogenomic approach. <i>Trends in Ecology and Evolution</i> , 2022, 37, 371-384.	8.7	15
3	DNA barcoding reveals global and local influences on patterns of mislabeling and substitution in the trade of fish in Mexico. <i>PLoS ONE</i> , 2022, 17, e0265960.	2.5	10
4	Drivers for genetic structure at different geographic scales for Pacific red snapper ( <i>Lutjanus</i> ) in the Pacific. <i>Journal of Fish Biology</i> , 2021, 98, 1267-1280.	1.6	5
5	Carry-over effects of environmental stochasticity of the California Current on body condition and wing length of breeding Black-footed Shearwaters ( <i>Puffinus opisthomelas</i> ). <i>Ibis</i> , 2021, 163, 1072-1079.	1.9	2
6	Integrating eDNA metabarcoding and simultaneous underwater visual surveys to describe complex fish communities in a marine biodiversity hotspot. <i>Molecular Ecology Resources</i> , 2021, 21, 1558-1574.	4.8	47
7	Southward decrease in the protection of persistent giant kelp forests in the northeast Pacific. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	9
8	New microsatellite loci for estimating genetic diversity and structure in <i>Octopus hubbsorum</i> from Nayarit, Mexico. <i>Molecular Biology Reports</i> , 2021, 48, 7007-7012.	2.3	0
9	Multiple drivers behind mislabeling of fish from artisanal fisheries in La Paz, Mexico. <i>PeerJ</i> , 2021, 9, e10750.	2.0	3
10	Integrating Biophysical, Socio-Economic and Governance Principles Into Marine Reserve Design and Management in Mexico: From Theory to Practice. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
11	Use of Museum Specimens to Refine Historical Pronghorn Subspecies Boundaries. <i>Journal of Wildlife Management</i> , 2020, 84, 524-533.	1.8	3
12	Coastal and Marine Spatial Planning in the Northern Gulf of California, Mexico: Consolidating stewardship, property rights, and enforcement for ecosystem-based fisheries management. <i>Ocean and Coastal Management</i> , 2020, 197, 105316.	4.4	11
13	Fisheries management tools to support coastal and marine spatial planning: A case study from the Northern Gulf of California, Mexico. <i>MethodsX</i> , 2020, 7, 101108.	1.6	4
14	Intestinal Microbiota Analyses of <i>Litopenaeus vannamei</i> During a Case of Atypical Massive Mortality in Northwestern Mexico. <i>Current Microbiology</i> , 2020, 77, 2312-2321.	2.2	3
15	Yellow snapper ( <i>Lutjanus argentiventris</i> ) connectivity in the Southern Gulf of California. <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	7
16	Tracking reveals behavioural coordination driven by environmental constraints in the Black-footed Shearwater ( <i>Puffinus opisthomelas</i> ). <i>Population Ecology</i> , 2019, 61, 227-239.	1.2	12
17	Genetic diversity and metapopulation structure of the brown swimming crab ( <i>Callinectes bellicosus</i> ) along the coast of Sonora, Mexico: Implications for fisheries management. <i>Fisheries Research</i> , 2019, 212, 97-106.	1.7	6
18	Designing connected marine reserves in the face of global warming. <i>Global Change Biology</i> , 2018, 24, e671-e691.	9.5	56

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19	Characterization by next-generation sequencing of 24 new microsatellite loci for the barred sand-bass, <i>Paralabrax nebulifer</i> (Girard, 1854), from the Baja California Peninsula, Mexico. <i>Marine Biodiversity</i> , 2018, 48, 2207-2210.	1.0	0
20	Characterisation of 30 microsatellite loci for the Tehuelche scallop, <i>Aequipecten tehuelchus</i> (dâ€™Orbigny, 1842) and their use for estimating demographic parameters relevant to fisheries management. <i>Molluscan Research</i> , 2018, 38, 163-169.	0.7	2
21	Anisotropic larval connectivity and metapopulation structure driven by directional oceanic currents in a marine fish targeted by small-scale fisheries. <i>Marine Biology</i> , 2018, 165, 1.	1.5	14
22	Functional-biogeography of the reef fishes of the islands of the Gulf of California: Integrating functional divergence into marine conservation. <i>Global Ecology and Conservation</i> , 2018, 16, e00506.	2.1	14
23	Occurrence of <i>Glaucus atlanticus</i> in the Midriff Islands Region, Gulf of California, Mexico. <i>American Malacological Bulletin</i> , 2018, 36, 145-149.	0.2	2
24	Ecological guidelines for designing networks of marine reserves in the unique biophysical environment of the Gulf of California. <i>Reviews in Fish Biology and Fisheries</i> , 2018, 28, 749-776.	4.9	44
25	Larval distribution and connectivity of the endemic Sciaenidae species in the Upper Gulf of California. <i>Journal of Plankton Research</i> , 2018, 40, 606-618.	1.8	3
26	Life histories predict genetic diversity and population structure within three species of octopus targeted by small-scale fisheries in Northwest Mexico. <i>PeerJ</i> , 2018, 6, e4295.	2.0	16
27	Characterization of 32 microsatellite loci for the Pacific red snapper, <i>Lutjanus peru</i> , through next generation sequencing. <i>Molecular Biology Reports</i> , 2017, 44, 251-256.	2.3	4
28	Spondylids of Eastern Pacific Ocean. <i>Journal of Shellfish Research</i> , 2016, 35, 279-293.	0.9	18
29	Between control and complexity: opportunities and challenges for marine mesocosms. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 389-396.	4.0	12
30	The complete mitochondrial genome of <i>Octopus bimaculatus</i> Verrill, 1883 from the Gulf of California. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4584-4585.	0.7	7
31	Assessing the Geological and Climatic Forcing of Biodiversity and Evolution Surrounding the Gulf of California. <i>Journal of the Southwest</i> , 2015, 57, 391-455.	0.1	66
32	PANGAS: An Interdisciplinary Ecosystem-Based Research Framework for Small-Scale Fisheries in the Northern Gulf of California. <i>Journal of the Southwest</i> , 2015, 57, 337-390.	0.1	11
33	Marine reserves help preserve genetic diversity after impacts derived from climate variability: Lessons from the pink abalone in Baja California. <i>Global Ecology and Conservation</i> , 2015, 4, 264-276.	2.1	42
34	Incorporating historical and ecological genetic data for leopard grouper ( <i>Mycteroperca</i> )	1.5	6
35	Development and characterization of 24 novel tetranucleotide microsatellite loci in green abalone <i>Haliotis fulgens</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 381-383.	0.8	0
36	Genetic Structure of the Cortes Geoduck <i>Panopea globosa</i> Dall, 1898, from the Mexican Northwest. <i>Journal of Shellfish Research</i> , 2015, 34, 153-161.	0.9	8

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37	Genetic diversity and demography of two endangered captive pronghorn subspecies from the Sonoran Desert. <i>Journal of Mammalogy</i> , 2014, 95, 1263-1277.	1.3	10
38	Characterization of microsatellite loci from two-spotted octopus <i>Octopus bimaculatus</i> Verrill 1883 from pyrosequencing reads. <i>Conservation Genetics Resources</i> , 2014, 6, 465-468.	0.8	4
39	Dynamic connectivity patterns from an insular marine protected area in the Gulf of California. <i>Journal of Marine Systems</i> , 2014, 129, 248-258.	2.1	32
40	Isolation and characterization of fifteen microsatellite loci in Leopard grouper ( <i>Mycteroperca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.8	1
41	Development of 24 tetra-nucleotide microsatellite markers in Cortes Geoduck <i>Panopea globosa</i> by next-generation sequencing. <i>Conservation Genetics Resources</i> , 2014, 6, 531-533.	0.8	4
42	Ecosystem-Based Fisheries Management of a Biological Corridor Along the Northern Sonora Coastline (NE Gulf of California). <i>Estuaries of the World</i> , 2014, , 125-154.	0.1	10
43	Asymmetric connectivity of spawning aggregations of a commercially important marine fish using a multidisciplinary approach. <i>PeerJ</i> , 2014, 2, e511.	2.0	30
44	New microsatellite loci isolated via next-generation sequencing for two endangered pronghorn from the Sonoran Desert. <i>Conservation Genetics Resources</i> , 2013, 5, 125-127.	0.8	8
45	Isolation of 18 microsatellite loci in the desert mistletoe <i>Phoradendron californicum</i> (Santalaceae) via 454 pyrosequencing. <i>Applications in Plant Sciences</i> , 2013, 1, 1300048.	2.1	3
46	Localized extinction of an arboreal desert lizard caused by habitat fragmentation. <i>Biological Conservation</i> , 2013, 157, 11-20.	4.1	24
47	Abiotic Factors Shape Microbial Diversity in Sonoran Desert Soils. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7527-7537.	3.1	195
48	Novel primers for complete mitochondrial cytochrome <i>b</i> gene sequencing in mammals. <i>Molecular Ecology Resources</i> , 2012, 12, 191-196.	4.8	33
49	Linking bio-oceanography and population genetics to assess larval connectivity. <i>Marine Ecology - Progress Series</i> , 2012, 463, 159-175.	1.9	33
50	Spatial and temporal interactions of sympatric mountain lions in Arizona. <i>European Journal of Wildlife Research</i> , 2011, 57, 1151-1163.	1.4	11
51	Isolation of microsatellite loci from the lesser long-nosed bat ( <i>Leptonycteris yerbabuenae</i> ). <i>Conservation Genetics Resources</i> , 2011, 3, 327-329.	0.8	5
52	Microsatellite loci for assessing genetic diversity and population structure of the endemic Belding's yellowthroat <i>Geothlypis beldingi</i> from the Baja California Peninsula. <i>Conservation Genetics Resources</i> , 2011, 3, 433-435.	0.8	0
53	Novel microsatellite loci for the burrowing owl <i>Athene cunicularia</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 67-69.	0.8	4
54	Microsatellite loci for the blue swimming crab ( <i>Callinectes bellicosus</i> ) (Crustacea: Portunidae) from the Gulf of California, Mexico. <i>Conservation Genetics Resources</i> , 2010, 2, 135-137.	0.8	3

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55	Ten new microsatellite loci for the striped skunk ( <i>Mephitis mephitis</i> ). Conservation Genetics Resources, 2009, 1, 437-439.	0.8	3
56	Development of nine new microsatellite loci for the American beaver, <i>Castor canadensis</i> (Rodentia: Castoridae), and cross-species amplification in the European beaver, <i>Castor fiber</i> . Molecular Ecology Resources, 2009, 9, 551-554.	4.8	14
57	Polymorphic microsatellite loci for the sand pocket mouse <i>Chaetodipus arenarius</i> , an endemic from the Baja California Peninsula. Molecular Ecology Resources, 2009, 9, 305-307.	4.8	0
58	Eleven new microsatellite loci for the tiger rattlesnake ( <i>Crotalus tigris</i> ). Molecular Ecology Resources, 2009, 9, 1267-1270.	4.8	10
59	Variations of the mitochondrial control region sequence in whale sharks ( <i>Rhincodon typus</i> ) from the Gulf of California, Mexico. Fisheries Research, 2007, 84, 87-95.	1.7	50
60	Genetic drift vs. natural selection in a long-term small isolated population: major histocompatibility complex class II variation in the Gulf of California endemic porpoise ( <i>Phocoena sinus</i> ). Molecular Ecology, 2007, 16, 4051-4065.	3.9	42
61	Characterization of 10 microsatellite loci in the spiny-tailed iguana <i>Ctenosaura hemilopha</i> . Molecular Ecology Notes, 2006, 6, 753-755.	1.7	4