Adrian Munguia-Vega

List of Publications by Year
in descending order

61	1,004	567281 15	477307 29
papers	citations	h-index	g-index

66	66	66	1610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Abiotic Factors Shape Microbial Diversity in Sonoran Desert Soils. Applied and Environmental Microbiology, 2012, 78, 7527-7537.	3.1	195
2	Assessing the Geological and Climatic Forcing of Biodiversity and Evolution Surrounding the Gulf of California. Journal of the Southwest, 2015, 57, 391-455.	0.1	66
3	Designing connected marine reserves in the face of global warming. Global Change Biology, 2018, 24, e671-e691.	9.5	56
4	Variations of the mitochondrial control region sequence in whale sharks (Rhincodon typus) from the Gulf of California, Mexico. Fisheries Research, 2007, 84, 87-95.	1.7	50
5	Integrating eDNA metabarcoding and simultaneous underwater visual surveys to describe complex fish communities in a marine biodiversity hotspot. Molecular Ecology Resources, 2021, 21, 1558-1574.	4.8	47
6	Ecological guidelines for designing networks of marine reserves in the unique biophysical environment of the Gulf of California. Reviews in Fish Biology and Fisheries, 2018, 28, 749-776.	4.9	44
7	Genetic drift vs. natural selection in a longâ€term small isolated population: major histocompatibility complex class II variation in the Gulf of California endemic porpoise (Phocoena sinus). Molecular Ecology, 2007, 16, 4051-4065.	3.9	42
8	Marine reserves help preserve genetic diversity after impacts derived from climate variability: Lessons from the pink abalone in Baja California. Global Ecology and Conservation, 2015, 4, 264-276.	2.1	42
9	Novel primers for complete mitochondrial cytochrome b gene sequencing in mammals. Molecular Ecology Resources, 2012, 12, 191-196.	4.8	33
10	Linking bio-oceanography and population genetics to assess larval connectivity. Marine Ecology - Progress Series, 2012, 463, 159-175.	1.9	33
11	Dynamic connectivity patterns from an insular marine protected area in the Gulf of California. Journal of Marine Systems, 2014, 129, 248-258.	2.1	32
12	Asymmetric connectivity of spawning aggregations of a commercially important marine fish using a multidisciplinary approach. PeerJ, 2014, 2, e511.	2.0	30
13	Localized extinction of an arboreal desert lizard caused by habitat fragmentation. Biological Conservation, 2013, 157, 11-20.	4.1	24
14	Spondylids of Eastern Pacific Ocean. Journal of Shellfish Research, 2016, 35, 279-293.	0.9	18
15	Life histories predict genetic diversity and population structure within three species of octopus targeted by small-scale fisheries in Northwest Mexico. PeerJ, 2018, 6, e4295.	2.0	16
16	Integrating Earthâ€“life systems: a geogenomic approach. Trends in Ecology and Evolution, 2022, 37, 371-384.	8.7	15
17	Development of nine new microsatellite loci for the American beaver,Castor canadensis(Rodentia: Castoridae), and crossâ€species amplification in the European beaver,Castor fiber. Molecular Ecology Resources, 2009, 9, 551-554.	4.8	14
18	Anisotropic larval connectivity and metapopulation structure driven by directional oceanic currents in a marine fish targeted by small-scale fisheries. Marine Biology, 2018, 165, 1.	1.5	14

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19	Functional-biogeography of the reef fishes of the islands of the Gulf of California: Integrating functional divergence into marine conservation. Global Ecology and Conservation, 2018, 16, e00506.	2.1	14
20	Between control and complexity: opportunities and challenges for marine mesocosms. Frontiers in Ecology and the Environment, 2016, 14, 389-396.	4.0	12
21	Tracking reveals behavioural coordination driven by environmental constraints in the Blackâ€vented Shearwater <scp>Puffinus opisthomelas</scp>. Population Ecology, 2019, 61, 227-239.	1.2	12
22	Spatial and temporal interactions of sympatric mountain lions in Arizona. European Journal of Wildlife Research, 2011, 57, 1151-1163.	1.4	11
23	PANGAS: An Interdisciplinary Ecosystem-Based Research Framework for Small-Scale Fisheries in the Northern Gulf of California. Journal of the Southwest, 2015, 57, 337-390.	0.1	11
24	Coastal and Marine Spatial Planning in the Northern Gulf of California, Mexico: Consolidating stewardship, property rights, and enforcement for ecosystem-based fisheries management. Ocean and Coastal Management, 2020, 197, 105316.	4.4	11
25	Eleven new microsatellite loci for the tiger rattlesnake (Crotalus tigris). Molecular Ecology Resources, 2009, 9, 1267-1270.	4.8	10
26	Genetic diversity and demography of two endangered captive pronghorn subspecies from the Sonoran Desert. Journal of Mammalogy, 2014, 95, 1263-1277.	1.3	10
27	Ecosystem-Based Fisheries Management of a Biological Corridor Along the Northern Sonora Coastline (NE Gulf of California). Estuaries of the World, 2014, , 125-154.	0.1	10
28	DNA barcoding reveals global and local influences on patterns of mislabeling and substitution in the trade of fish in Mexico. PLoS ONE, 2022, 17, e0265960.	2.5	10
29	Southward decrease in the protection of persistent giant kelp forests in the northeast Pacific. Communications Earth & Environment, 2021, 2, .	6.8	9
30	New microsatellite loci isolated via next-generation sequencing for two endangered pronghorn from the Sonoran Desert. Conservation Genetics Resources, 2013, 5, 125-127.	0.8	8
31	Genetic Structure of the Cortes GeoduckPanopea globosaDall, 1898, from the Mexican Northwest. Journal of Shellfish Research, 2015, 34, 153-161.	0.9	8
32	The complete mitochondrial genome of Octopus bimaculatus Verrill, 1883 from the Gulf of California. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4584-4585.	0.7	7
33	Yellow snapper (Lutjanus argentiventris) connectivity in the Southern Gulf of California. Marine Biodiversity, 2020, 50, 1.	1.0	7
34	Integrating Biophysical, Socio-Economic and Governance Principles Into Marine Reserve Design and Management in Mexico: From Theory to Practice. Frontiers in Marine Science, 2021, 8, .	2.5	7
35	Incorporating historical and ecological genetic data for leopard grouper (Mycteroperca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	6
36	Genetic diversity and metapopulation structure of the brown swimming crab (Callinectes bellicosus) along the coast of Sonora, Mexico: Implications for fisheries management. Fisheries Research, 2019, 212, 97-106.	1.7	6

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37	Isolation of microsatellite loci from the lesser long-nosed bat (Leptonycteris yerbabuenae). Conservation Genetics Resources, 2011, 3, 327-329.	0.8	5
38	Drivers for genetic structure at different geographic scales for Pacific red snapper (<scp>Lutjanus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Pacific. Journal of Fish Biology, 2021, 98, 1267-1280.	1.6	5
39	Characterization of 10 microsatellite loci in the spiny-tailed iguana Ctenosaura hemilopha. Molecular Ecology Notes, 2006, 6, 753-755.	1.7	4
40	Novel microsatellite loci for the burrowing owl Athene cunicularia. Conservation Genetics Resources, 2010, 2, 67-69.	0.8	4
41	Characterization of microsatellite loci from two-spotted octopus Octopus bimaculatus Verrill 1883 from pyrosequencing reads. Conservation Genetics Resources, 2014, 6, 465-468.	0.8	4
42	Development of 24 tetra-nucleotide microsatellite markers in Cortes Geoduck Panopea globosa by next-generation sequencing. Conservation Genetics Resources, 2014, 6, 531-533.	0.8	4
43	Characterization of 32 microsatellite loci for the Pacific red snapper, Lutjanus peru, through next generation sequencing. Molecular Biology Reports, 2017, 44, 251-256.	2.3	4
44	Fisheries management tools to support coastal and marine spatial planning: A case study from the Northern Gulf of California, Mexico. MethodsX, 2020, 7, 101108.	1.6	4
45	Ten new microsatellite loci for the striped skunk (Mephitis mephitis). Conservation Genetics Resources, 2009, 1, 437-439.	0.8	3
46	Microsatellite loci for the blue swimming crab (Callinectes bellicosus) (Crustacea: Portunidae) from the Gulf of California, Mexico. Conservation Genetics Resources, 2010, 2, 135-137.	0.8	3
47	Isolation of 18 microsatellite loci in the desert mistletoe Phoradendron californicum (Santalaceae) via 454 pyrosequencing. Applications in Plant Sciences, 2013, 1, 1300048.	2.1	3
48	Larval distribution and connectivity of the endemic Sciaenidae species in the Upper Gulf of California. Journal of Plankton Research, 2018, 40, 606-618.	1.8	3
49	Use of Museum Specimens to Refine Historical Pronghorn Subspecies Boundaries. Journal of Wildlife Management, 2020, 84, 524-533.	1.8	3
50	Intestinal Microbiota Analyses of Litopenaeus vannamei During a Case of Atypical Massive Mortality in Northwestern Mexico. Current Microbiology, 2020, 77, 2312-2321.	2.2	3
51	Multiple drivers behind mislabeling of fish from artisanal fisheries in La Paz, Mexico. PeerJ, 2021, 9, e10750.	2.0	3
52	Characterisation of 30 microsatellite loci for the Tehuelche scallop, Aequipecten tehuelchus (dâ€™Orbigny, 1842) and their use for estimating demographic parameters relevant to fisheries management. Molluscan Research, 2018, 38, 163-169.	0.7	2
53	Occurrence of Glaucus atlanticus in the Midriff Islands Region, Gulf of California, Mexico. American Malacological Bulletin, 2018, 36, 145-149.	0.2	2
54	Carryâ€over effects of environmental stochasticity of the California Current on body condition and wing length of breeding Blackâ€vented Shearwaters (Puffinus opisthomelas). Ibis, 2021, 163, 1072-1079.	1.9	2

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55	Isolation and characterization of fifteen microsatellite loci in Leopard grouper (Mycteroperca) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	1
56	Tracking the desert's edge with a Pleistocene relict. Journal of Arid Environments, 2022, 196, 104653.	2.4	1
57	Polymorphic microsatellite loci for the sand pocket mouse Chaetodipus arenarius, an endemic from the Baja California Peninsula. Molecular Ecology Resources, 2009, 9, 305-307.	4.8	0
58	Microsatellite loci for assessing genetic diversity and population structure of the endemic Beldingâ€™s yellowthroat Geothlypis beldingi from the Baja California Peninsula. Conservation Genetics Resources, 2011, 3, 433-435.	0.8	0
59	Development and characterization of 24 novel tetranucleotide microsatellite loci in green abalone Haliotis fulgens. Conservation Genetics Resources, 2015, 7, 381-383.	0.8	0
60	Characterization by next-generation sequencing of 24 new microsatellite loci for the barred sand-bass, Paralabrax nebulifer (Girard, 1854), from the Baja California Peninsula, Mexico. Marine Biodiversity, 2018, 48, 2207-2210.	1.0	0
61	New microsatellite loci for estimating genetic diversity and structure in Octopus hubbsorum from Nayarit, MÃ©xico. Molecular Biology Reports, 2021, 48, 7007-7012.	2.3	0