

# Elva Escobar-Briones

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,525  
citations

516215

16  
h-index

414034

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Patterns and Predictions of Seafloor Biomass Using Random Forests. PLoS ONE, 2010, 5, e15323.	1.1	287
2	A Call for Deep-Ocean Stewardship. Science, 2014, 344, 696-698.	6.0	245
3	Marine Biodiversity in the Caribbean: Regional Estimates and Distribution Patterns. PLoS ONE, 2010, 5, e11916.	1.1	232
4	Deep-Sea Mining With No Net Loss of Biodiversity—An Impossible Aim. Frontiers in Marine Science, 2018, 5, .	1.2	99
5	Abiotic Production of Methane in Terrestrial Planets. Astrobiology, 2013, 13, 550-559.	1.5	74
6	Comparative biomass structure and estimated carbon flow in food webs in the deep Gulf of Mexico. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2699-2711.	0.6	70
7	Climate change considerations are fundamental to management of deep-sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	4.2	65
8	ISOTOPIC ANALYSIS OF $\delta^{13}C$ , $\delta^{15}N$ , AND $\delta^{34}S$ "A FEEDING TALE" IN TEETH OF THE LONGBEAKED COMMON DOLPHIN, DELPHINUS CAPENSIS. Marine Mammal Science, 2006, 22, 831-846.	0.9	60
9	Mineralogical and geochemical characterization of hydrocarbon seep sediments from the Gulf of Mexico. Marine and Petroleum Geology, 2006, 23, 605-619.	1.5	50
10	Food-Web Complexity in Guaymas Basin Hydrothermal Vents and Cold Seeps. PLoS ONE, 2016, 11, e0162263.	1.1	48
11	Massive asphalt deposits, oil seepage, and gas venting support abundant chemosynthetic communities at the Campeche Knolls, southern Gulf of Mexico. Biogeosciences, 2016, 13, 4491-4512.	1.3	40
12	Macrofaunal density and biomass in the Campeche Canyon, Southwestern Gulf of Mexico. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2679-2685.	0.6	31
13	Standing stocks and body size of deep-sea macrofauna: Predicting the baseline of 2010 Deepwater Horizon oil spill in the northern Gulf of Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 69, 82-99.	0.6	31
14	Updated checklist and identification of areas of endemism of benthic amphipods (Caprellidea and Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.3	27
15	Nitrogen fixation patterns displayed by cyanobacterial consortia in Alchichica crater-lake, Mexico. Hydrobiologia, 2002, 467, 71-78.	1.0	25
16	Evolving academic culture to meet societal needs. Palgrave Communications, 2017, 3, .	4.7	21
17	Title is missing!. Hydrobiologia, 2002, 477, 93-105.	1.0	18
18	Calliasmata nohochi, New Species (Decapoda: Caridea: Hippolytidae), from Anchialine Cave Systems in Continental Quintana Roo, Mexico. Journal of Crustacean Biology, 1997, 17, 733.	0.3	15

#	ARTICLE	IF	CITATIONS
19	On the ecology of <i>Caecidotea williamsi</i> Escobar-Briones & Alcocer (Crustacea: Isopoda: Asellidae) from Alchichica saline lake, Central Mexico. <i>Hydrobiologia</i> , 2007, 576, 103-109.	1.0	13
20	Benthos of a seasonally-astatic, saline, soda lake in Mexico. <i>Hydrobiologia</i> , 2001, 466, 291-297.	1.0	8
21	<i>Nebalia Lagartensis</i> (Leptostraca) a New Species From the Yucatan Peninsula, Mexico. <i>Crustaceana</i> , 1995, 68, 1-11.	0.1	7
22	An introduction to the "Oceans and Society: Blue Planet"™ initiative. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S11.	0.6	7
23	The southern Gulf of Mexico: A baseline radiocarbon isoscape of surface sediments and isotopic excursions at depth. <i>PLoS ONE</i> , 2020, 15, e0231678.	1.1	7
24	<i>Nebalai Lagartensis</i> (Leptostraca) a New Species From the Yucatan Peninsula, Mexico. <i>Crustaceana</i> , 1995, 68, 1-11.	0.1	5
25	Fouling communities and degradation of archeological metals in the coastal sea of the Southwestern Gulf of Mexico. <i>Biofouling</i> , 2015, 31, 405-416.	0.8	5
26	Mysidacea from Terminos Lagoon, Southern Gulf of Mexico, and Description of a New Species of <i>Taphromysis</i> . <i>Journal of Crustacean Biology</i> , 1988, 8, 639.	0.3	4
27	Carbon stable isotopes ratios of pelagic and littoral communities in Alchichica crater-lake, Mexico. <i>International Journal of Salt Lake Research</i> , 1998, 7, 345-355.	0.1	4
28	ROV's Video Recordings as a Tool to Estimate Variation in Megabenthic Epifauna Diversity and Community Composition in the Guaymas Basin. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	4
29	Marine Life 2030: Forecasting Changes to Ocean Biodiversity to Inform Decision-Making: A Critical Role for the Marine Biodiversity Observation Network (MBON). <i>Marine Technology Society Journal</i> , 2021, 55, 84-85.	0.3	3
30	Co-Designing a safe ocean in the Western Tropical Atlantic within the framework of the UN Decade of Ocean Science for Sustainable Development. <i>Ocean and Coastal Research</i> , 2021, 69, .	0.3	1
31	Benthos of a perennially-astatic, saline, soda lake in Mexico. <i>International Journal of Salt Lake Research</i> , 1999, 8, 113-126.	0.1	0