

Domenico Voltolina

List of Publications by Year in descending order

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101
papers

1,547
citations

304368

22
h-index

433756

31
g-index

101
all docs

101
docs citations

101
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen removal and recycling by <i>Scenedesmus obliquus</i> in semicontinuous cultures using artificial wastewater and a simulated light and temperature cycle. <i>Bioresource Technology</i> , 2005, 96, 359-362.	4.8	76
2	Growth of <i>Scenedesmus</i> sp. in artificial wastewater. <i>Bioresource Technology</i> , 1999, 68, 265-268.	4.8	69
3	Biological control of <i>Vibrio alginolyticus</i> in <i>Skeletonema costatum</i> (Bacillariophyceae) cultures. <i>Aquacultural Engineering</i> , 1998, 19, 1-6.	1.4	41
4	The growth rate, biomass production and composition of <i>Chaetoceros</i> sp. grown with different light sources. <i>Aquacultural Engineering</i> , 2006, 35, 161-165.	1.4	41
5	Histological changes and survival of <i>Litopenaeus vannamei</i> juveniles with different copper concentrations. <i>Aquaculture</i> , 2008, 278, 97-100.	1.7	41
6	Culture of the calanoid copepod <i>Pseudodiaptomus euryhalinus</i> (Johnson 1939) with different microalgal diets. <i>Aquaculture</i> , 2009, 290, 317-319.	1.7	41
7	Nitrogen budget in <i>Scenedesmus obliquus</i> cultures with artificial wastewater. <i>Bioresource Technology</i> , 2001, 78, 161-164.	4.8	40
8	Water quality, production parameters and nutritional condition of <i>Litopenaeus vannamei</i> (Boone,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Research, 2011, 42, 1371-1377.	0.9	37
9	Cadmium, Copper, Lead and Zinc Concentrations in Female and Embryonic Pacific Sharpnose Shark (<i>Rhizoprionodon longurio</i>) Tissues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 532-535.	1.3	36
10	Indoor and outdoor mass production of the diatom <i>Chaetoceros muelleri</i> in a mexican commercial hatchery. <i>Aquacultural Engineering</i> , 2005, 33, 181-191.	1.4	33
11	Histological effects of a combination of heavy metals on Pacific white shrimp <i>Litopenaeus vannamei</i> juveniles. <i>Aquatic Toxicology</i> , 2008, 89, 152-157.	1.9	33
12	Effect of blue-green light on growth rate and chemical composition of three diatoms. <i>Journal of Applied Phycology</i> , 1996, 8, 131-137.	1.5	32
13	Acute Toxicity of Copper, Zinc, Iron, and Manganese and of the Mixtures Copper?Zinc and Iron?Manganese to Whiteleg Shrimp <i>Litopenaeus vannamei</i> Postlarvae. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 71, 68-74.	1.3	30
14	Effect of photon fluence rates of white and blue-green light on growth efficiency and Pigment Content Of Three Diatom Species In Batch Cultures. <i>Ciencias Marinas</i> , 2002, 28, 273-279.	0.4	29
15	Effects of Environmental Variables on Growth Rates and Physiological Characteristics of Lake Superior Phytoplankton. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 1163-1170.	0.7	28
16	Viability of mass algal cultures preserved by freezing and freeze-drying. <i>Aquacultural Engineering</i> , 1997, 16, 205-211.	1.4	27
17	Heavy Metals in the Tissues of the Sea Turtle <i>Lepidochelys olivacea</i> from a Nesting Site of the Northwest Coast of Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 179-185.	1.3	27
18	REMOVAL OF CADMIUM AND LEAD BY ADAPTED STRAINS OF <i>Pseudomonas aeruginosa</i> AND <i>Enterobacter cloacae</i> . <i>Revista Internacional De Contaminacion Ambiental</i> , 2016, 32, 407-412.	0.1	27

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19	Survival, development and growth of the Pacific white shrimp <i>Litopenaeus vannamei</i> protozoa larvae, fed with monoalgal and mixed diets. <i>Aquaculture</i> , 2006, 253, 523-530.	1.7	25
20	Effects of Bacterial Isolates from <i>Skeletonema costatum</i> Cultures on the Survival of <i>Artemia franciscana</i> nauplii. <i>Journal of Invertebrate Pathology</i> , 1995, 66, 203-204.	1.5	24
21	Growth of <i>Artemia franciscana</i> fed <i>Isochrysis</i> sp. and <i>Chaetoceros muelleri</i> during its early life stages. <i>Aquaculture Research</i> , 2004, 35, 1086-1091.	0.9	24
22	Growth of <i>Synechococcus</i> sp. immobilized in chitosan with different times of contact with NaOH. <i>Journal of Applied Phycology</i> , 2007, 19, 181-183.	1.5	24
23	Acute Toxicity of Cadmium, Mercury, and Lead to Whiteleg Shrimp (<i>Litopenaeus vannamei</i>) Postlarvae. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 0580-0586.	1.3	24
24	Acute Toxicity of Cadmium, Mercury, and Lead to Whiteleg Shrimp (<i>Litopenaeus vannamei</i>) Postlarvae. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 580-586.	1.3	23
25	Growth of the pearl oyster <i>Plana sterna</i> under different thermic and feeding conditions. <i>Marine Ecology - Progress Series</i> , 1992, 89, 221-227.	0.9	22
26	Toxic effect of the harmful dinoflagellate <i>Cochlodinium polykrikoides</i> on the spotted rose snapper <i>Lutjanus guttatus</i> . <i>Environmental Toxicology</i> , 2010, 25, 319-326.	2.1	21
27	Mercury content and their risk assessment in farmed shrimp <i>Litopenaeus vannamei</i> from NW Mexico. <i>Chemosphere</i> , 2015, 119, 1015-1020.	4.2	21
28	The origin of recurrent blooms of <i>Gymnodinium sanguineum</i> Hirasaka in a shallow coastal lagoon. <i>Journal of Experimental Marine Biology and Ecology</i> , 1993, 168, 217-222.	0.7	20
29	Cadmium, Copper, Lead and Zinc Contents of the Mangrove Oyster, <i>Crassostrea corteziensis</i> , of Seven Coastal Lagoons of NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 595-599.	1.3	20
30	Growth and Survival of Siamese Fighting Fish, <i>Betta Splendens</i> , Larvae at Low Salinity and With Different Diets. <i>Journal of the World Aquaculture Society</i> , 2010, 41, 823-828.	1.2	20
31	Effects of Biofloc Promotion on Water Quality, Growth, Biomass Yield and Heterotrophic Community in <i>Litopenaeus Vannamei</i> (Boone, 1931) Experimental Intensive Culture. <i>Italian Journal of Animal Science</i> , 2015, 14, 3726.	0.8	20
32	Observations on the surface water characteristics in the western Irish Sea: July 1977. <i>Estuarine, Coastal and Shelf Science</i> , 1982, 14, 589-598.	0.9	18
33	Mass production of microalgae in six commercial shrimp hatcheries of the Mexican northwest. <i>Aquacultural Engineering</i> , 2003, 29, 155-164.	1.4	18
34	Toxicity of metal mixtures to the Pacific white shrimp <i>Litopenaeus vannamei</i> postlarvae. <i>Marine Environmental Research</i> , 2009, 68, 223-226.	1.1	18
35	Humoral and Haemocytic Responses of <i>Litopenaeus vannamei</i> to Cd Exposure. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	18
36	A seasonal study of the distributions of surface state variables in Liverpool Bay. III. An offshore front. <i>Journal of Experimental Marine Biology and Ecology</i> , 1982, 58, 19-31.	0.7	17

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37	Field observations on the feeding habits of <i>Littorina scutulata</i> Gould and <i>L. sitkana</i> Philippi (Gastropoda, Prosobranchia) of southern Vancouver Island (British Columbia, Canada). <i>Hydrobiologia</i> , 1990, 193, 147-154.	1.0	17
38	Effect of Cadmium and Zinc on Respiration and Photosynthesis in Suspended and Immobilized Cultures of <i>Chlorella vulgaris</i> and <i>Scenedesmus acutus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998, 60, 936-943.	1.3	16
39	Evaluation of Five Microalgae Diets for Juvenile Pen Shells <i>Atrina maura</i> . <i>Journal of the World Aquaculture Society</i> , 2004, 35, 232-236.	1.2	16
40	Cadmium, copper, lead, and zinc in <i>Mugil cephalus</i> from seven coastal lagoons of NW Mexico. <i>Environmental Monitoring and Assessment</i> , 2011, 182, 133-139.	1.3	16
41	A seasonal study of the distribution of surface state variables in Liverpool Bay. v. summer. <i>Journal of Experimental Marine Biology and Ecology</i> , 1983, 73, 151-165.	0.7	15
42	Grazing Selectivity of Red Abalone <i>Haliotis rufescens</i> Postlarvae on Benthic Diatom Films under Culture Conditions. <i>Journal of the World Aquaculture Society</i> , 2000, 31, 239-246.	1.2	15
43	The Metal Content of Bivalve Molluscs of a Coastal Lagoon of NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 90-92.	1.3	15
44	Metal Contents of Four Commercial Fish Species of NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 334-338.	1.3	15
45	Immunological response of white shrimp (<i>Litopenaeus vannamei</i>) to sublethal concentrations of malathion and endosulfan, and their mixture. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109893.	2.9	15
46	A seasonal study of the distribution of surface state variables in Liverpool Bay. IV. The spring bloom. <i>Journal of Experimental Marine Biology and Ecology</i> , 1982, 62, 93-115.	0.7	14
47	Nitrogen budget in intensive cultures of <i>Litopenaeus vannamei</i> in mesocosms, with zero water exchange and artificial substrates. <i>Revista De Biología Marina Y Oceanografía</i> , 2010, 45, 519-524.	0.1	14
48	Food Value of Four Microalgae for Juveniles of the Lion's Paw Scallop <i>Lyropecten subnodosus</i> (Sowerby, 1833). <i>Journal of the World Aquaculture Society</i> , 2004, 35, 297-304.	1.2	13
49	Semicontinuous Cultures Of Four Microalgae With A Nonconventional Medium. <i>Ciencias Marinas</i> , 1993, 19, 169-180.	0.4	13
50	Metal Content of the Gulf of California Blue Shrimp <i>Litopenaeus stylirostris</i> (Stimpson). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 214-217.	1.3	12
51	Total Mercury Content in Cultured Oysters from NW Mexico: Health Risk Assessment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 209-213.	1.3	12
52	Relationships between copper and stress indicators in the Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2015, 48, 193-203.	0.4	12
53	Effectiveness of coagulants-flocculants for removing cells and toxins of <i>Gymnodinium catenatum</i> . <i>Aquaculture</i> , 2016, 452, 188-193.	1.7	11
54	Growth and biomass production of <i>Tetraselmis suecica</i> and <i>Dunaliella tertiolecta</i> in a standard medium added with three products of zeolitic nature. <i>Aquacultural Engineering</i> , 2005, 32, 403-410.	1.4	10

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55	Outdoor mass microalgae production in Bahia Kino, Sonora, NW Mexico. <i>Aquacultural Engineering</i> , 2008, 38, 93-96.	1.4	10
56	Effect of algal diet and temperature on survival, growth and biochemical composition of spat of the lion's paw scallop <i>Nodipecten subnodosus</i> . <i>Aquaculture</i> , 2009, 298, 64-69.	1.7	10
57	White spot syndrome virus (WSSV) infection and immunity responses in white shrimp (<i>Litopenaeus</i>) Tj ETQq1	1.0784314	10
58	Intense localized productivity in the Irish Sea. <i>Estuarine, Coastal and Shelf Science</i> , 1984, 18, 157-164.	0.9	9
59	Resistance of ozone of zoospores of the thraustochytrid abalone parasite, <i>Labyrinthuloides haliotidis</i> (protozoa: Labyrinthomorpha). <i>Aquaculture</i> , 1989, 78, 147-152.	1.7	9
60	Biological responses of a simulated marine food chain to lead addition. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1611-1617.	2.2	9
61	Culture of white shrimp (<i>Litopenaeus vannamei</i> Boone, 1931) with zero water exchange and no food addition: an eco friendly approach. <i>Latin American Journal of Aquatic Research</i> , 2012, 40, 441-447.	0.2	9
62	Filtration and clearance rates of <i>Anadara grandis</i> juveniles (Pelecypoda, Arcidae) with different temperatures and suspended matter concentrations. <i>Revista De Biologia Tropical</i> , 2014, 54, 787.	0.1	9
63	The importance of acclimation for the evaluation of alternative media for microalgae growth. <i>Aquacultural Engineering</i> , 1998, 19, 7-15.	1.4	8
64	Metals in Shrimp Farm Sediments, Sinaloa, Northwest Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 912-917.	1.3	8
65	Cadmium, Copper, Lead, and Zinc Contents of Fish Marketed in NW Mexico. <i>Scientific World Journal</i> , The, 2014, 2014, 1-4.	0.8	8
66	Population structure and reproductive aspects of puffer fish <i>Sphoeroides annulatus</i> (Jenyns, 1842) (Osteichthyes: Tetraodontidae), landed in Teacapan, Sinaloa, Mexico. <i>Latin American Journal of Aquatic Research</i> , 2014, 42, 121-126.	0.2	8
67	Cadmium and Lead Concentrations in the Fish Tissues of a Coastal Lagoon System of the SE Gulf of California. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 820-823.	1.3	7
68	Mercury and selenium concentrations in marine shrimps of NW Mexico: health risk assessment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 629.	1.3	7
69	Metal Concentrations in Age-Groups of the Clam, <i>Megapitaria squalida</i> , from a Coastal Lagoon in Mexico: A Human Health Risk Assessment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 822-827.	1.3	7
70	Zeolites and diatom growth. <i>Aquaculture Research</i> , 2002, 33, 75-79.	0.9	6
71	Histological effects of Cu ²⁺ to white shrimp <i>Litopenaeus vannamei</i> (Crustacea: Decapoda) juveniles at low salinities. <i>Revista De Biologia Marina Y Oceanografia</i> , 2010, 45, .	0.1	6
72	Zeolitic products as enrichment for cultures of a marine microalga. <i>Aquacultural Engineering</i> , 1997, 16, 1-5.	1.4	5

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73	Survival, growth and feeding efficiency of <i>Litopenaeus vannamei</i> protozoa larvae fed different rations of the diatom <i>Chaetoceros muelleri</i> . <i>Aquaculture</i> , 2005, 249, 431-437.	1.7	5
74	Metal Discharges by Sinaloa Rivers to the Coastal Zone of NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 132-136.	1.3	5
75	Total mercury in muscles and liver of <i>Mugil</i> spp. from three coastal lagoons of NW Mexico: concentrations and risk assessment. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 312.	1.3	5
76	Effect of pH on the bacterial community present in larvae and spat of <i>Crassostrea gigas</i> . <i>Latin American Journal of Aquatic Research</i> , 2019, 47, 513-523.	0.2	5
77	The effects of wind, phytoplankton and density discontinuities upon ammonia distributions in Liverpool Bay. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 463-475.	0.9	4
78	Vertical variations of the chlorophyll maximum during a red tide in a shallow lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 21, 817-822.	0.9	4
79	The contents of Cd, Cu, Pb and Zn of the white shrimp <i>Litopenaeus vannamei</i> (Boone, 1931) of six coastal lagoons of Sinaloa, NW Mexico. <i>Revista De Biología Marina Y Oceanografía</i> , 2009, 44, .	0.1	4
80	Progeny Production of the Copepods <i>Pseudodiaptomus euryhalinus</i> and <i>Tisbe monozota</i> in Monospecific and Mixed Cultures. <i>Journal of the World Aquaculture Society</i> , 2013, 44, 447-454.	1.2	4
81	Changes in metal contents in shrimp cultured in NW Mexico (2000-2010). <i>Environmental Monitoring and Assessment</i> , 2015, 187, 269.	1.3	4
82	Total Mercury in <i>Mugil</i> spp and <i>Eugerres axillaris</i> of a Subtropical Lagoon of NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 211-215.	1.3	4
83	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2018, 18, .	0.4	4
84	Acute Toxicity of Mercury and Nervous Tissue Damage in Postlarvae and Juveniles of <i>Litopenaeus vannamei</i> . <i>Thalassas</i> , 2019, 35, 57-63.	0.1	4
85	Lead and cadmium in organisms of commercial importance in the coastal zone of Sinaloa, Mexico: 20 years of studies.. <i>CICIMAR Oceanides</i> , 0, , 101-110.	0.3	4
86	Use of Artificial Zeolites to Reduce Copper Toxicity to Two Marine Microalgae. <i>Journal of the World Aquaculture Society</i> , 2002, 33, 214-219.	1.2	3
87	The Effect of Initial Cell and Nutrient Concentrations on the Growth and Biomass Production of Outdoor Cultures of <i>Dunaliella</i> sp.. <i>Annales Botanici Fennici</i> , 2010, 47, 109-112.	0.0	3
88	Risk assessment of mercury in sharks (<i>Rhizoprionodon longurio</i>) caught in the coastal zone of Northwest Mexico. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2019, 14, 349-354.	0.5	3
89	DNA Damage and Immunological Responses in the Whiteleg Shrimp (<i>Litopenaeus vannamei</i>) Exposed to Sublethal Levels of Mercury. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 186-190.	1.3	3
90	Stomach contents of the Pacific sharpnose shark, <i>Rhizoprionodon longurio</i> (Carcharhiniformes), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i> 2014, 42, 438-444.	0.2	3

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91	BACTERIAL COMMUNITIES OF THE OYSTERS <i>Crassostrea corteziensis</i> AND <i>C. sikamea</i> OF COSPITA BAY, SINALOA, MEXICO. <i>Revista Internacional De Contaminacion Ambiental</i> , 2018, 34, 203-213.	0.1	3
92	Culture of <i>Pavlova lutheri</i> (Droop) Green (Prymnesiophyta) in diluted wastewater. <i>Journal of Applied Phycology</i> , 1994, 6, 285-288.	1.5	2
93	Assessing Human Health Risks Associated with Consumption of Metal Content in Shrimp from NW Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 861-866.	1.3	2
94	Nitrogen and phosphorus in the subtropical Presidio River, northwestern Mexico. <i>Latin American Journal of Aquatic Research</i> , 2017, 45, 403-409.	0.2	2
95	CHOLINESTERASE ACTIVITY IN <i>Crassostrea</i> sp. OF NAYARIT (NW MEXICO) COASTAL WATERS. <i>Revista Internacional De Contaminacion Ambiental</i> , 2017, 33, 215-220.	0.1	2
96	BIOSORPTION OF CADMIUM AND LEAD USING SUSPENDED AND IMMOBILIZED <i>Enterobacter cloacae</i> AT DIFFERENT PH. <i>Revista Internacional De Contaminacion Ambiental</i> , 2019, 35, 259-264.	0.1	2
97	Effect of Cu on Hemocytic DNA of the White Shrimp, <i>Litopenaeus vannamei</i> , Assessed by the Comet Assay. <i>Journal of the World Aquaculture Society</i> , 2011, 42, 586-590.	1.2	1
98	ARSENIC CONTENT, GRAIN SIZES AND CHEMICAL CHARACTERISTICS IN SURFACE SEDIMENTS OF THE URÁAS LAGOON, NW MEXICO. <i>Revista Internacional De Contaminacion Ambiental</i> , 2019, 35, 771-779.	0.1	1
99	The blue-green algae. <i>Aquaculture</i> , 1974, 4, 320-321.	1.7	0
100	A seasonal study of the distribution of surface state variables in Liverpool Bay. VI. Autumn. <i>Journal of Experimental Marine Biology and Ecology</i> , 1984, 77, 69-79.	0.7	0
101	The Planktonic Crustaceans of Three Reservoirs of the Upper Rio Lerma Sub-Basin, Mexico. <i>Journal of Freshwater Ecology</i> , 2007, 22, 159-161.	0.5	0