

Roger Villanueva

List of Publications by Year in descending order

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65
papers

4,482
citations

172207

29
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118652

62
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66
all docs

66
docs citations

66
times ranked

3877
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biodiversity of the Mediterranean Sea: Estimates, Patterns, and Threats. PLoS ONE, 2010, 5, e11842.	1.1	1,439
2	Lipid and fatty acid composition of early stages of cephalopods: an approach to their lipid requirements. Aquaculture, 2000, 183, 161-177.	1.7	183
3	Rearing of <i>Octopus vulgaris</i> paralarvae: Present status, bottlenecks and trends. Aquaculture, 2007, 266, 1-15.	1.7	180
4	The fatty acid composition of <i>Octopus vulgaris</i> paralarvae reared with live and inert food: deviation from their natural fatty acid profile. Aquaculture, 2003, 219, 613-631.	1.7	175
5	Experimental rearing and growth of planktonic <i>Octopus vulgaris</i> from hatching to settlement. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 2639-2650.	0.7	158
6	Cephalopods in neuroscience: regulations, research and the 3Rs. Invertebrate Neuroscience, 2014, 14, 13-36.	1.8	142
7	Ethical and welfare considerations when using cephalopods as experimental animals. Reviews in Fish Biology and Fisheries, 2007, 17, 455-476.	2.4	123
8	Biology Of The Planktonic Stages Of Benthic Octopuses. Oceanography and Marine Biology, 2008, , 105-202.	1.0	121
9	Understanding octopus growth: patterns, variability and physiology. Marine and Freshwater Research, 2004, 55, 367.	0.7	117
10	Cephalopod Culture. Advances in Marine Biology, 2014, 67, 1-98.	0.7	97
11	Amino acid composition of early stages of cephalopods and effect of amino acid dietary treatments on <i>Octopus vulgaris</i> paralarvae. Aquaculture, 2004, 242, 455-478.	1.7	95
12	Swimming behaviour and food searching in planktonic <i>Octopus vulgaris</i> Cuvier from hatching to settlement. Journal of Experimental Marine Biology and Ecology, 1997, 208, 169-184.	0.7	89
13	Composition in essential and non-essential elements of early stages of cephalopods and dietary effects on the elemental profiles of <i>Octopus vulgaris</i> paralarvae. Aquaculture, 2006, 261, 225-240.	1.7	86
14	Cephalopods as Predators: A Short Journey among Behavioral Flexibilities, Adaptions, and Feeding Habits. Frontiers in Physiology, 2017, 8, 598.	1.3	80
15	Decapod crab zoeae as food for rearing cephalopod paralarvae. Aquaculture, 1994, 128, 143-152.	1.7	77
16	Growth and proteolytic activity of <i>Octopus vulgaris</i> paralarvae with different food rations during first feeding, using <i>Artemia</i> nauplii and compound diets. Aquaculture, 2002, 205, 269-286.	1.7	76
17	Future challenges in cephalopod research. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 999-1015.	0.4	75
18	Effect of temperature on statolith growth of the European squid <i>Loligo vulgaris</i> during early life. Marine Biology, 2000, 136, 449-460.	0.7	73

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19	Epibiosis in deep-sea crab populations as indicator of biological and behavioural characteristics of the host. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1990, 70, 687-695.	0.4	69
20	Early Mode of Life and Hatchling Size in Cephalopod Molluscs: Influence on the Species Distributional Ranges. <i>PLoS ONE</i> , 2016, 11, e0165334.	1.1	69
21	Epibionts and intermoult duration in the crab <i>Bathynectes piperitus</i> . <i>Marine Ecology - Progress Series</i> , 1993, 98, 107-113.	0.9	69
22	World Octopus Fisheries. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 279-429.	5.1	65
23	Continuous spawning in the cirrate octopods <i>Opisthoteuthis agassizii</i> and <i>O. vossi</i> : features of sexual maturation defining a reproductive strategy in cephalopods. <i>Marine Biology</i> , 1992, 114, 265-275.	0.7	54
24	Deep-sea cephalopods of the north-western Mediterranean: indications of up-slope ontogenetic migration in two bathybenthic species. <i>Journal of Zoology</i> , 1992, 227, 267-276.	0.8	53
25	The planktonic life of octopuses. <i>Nature</i> , 1995, 377, 107-107.	13.7	53
26	Interannual growth differences in the oceanic squid <i>Todarodes angolensis</i> Adam in the northern Benguela upwelling system, based on statolith growth increment analysis. <i>Journal of Experimental Marine Biology and Ecology</i> , 1992, 159, 157-177.	0.7	41
27	Embryonic life of the loliginid squid <i>Loligo vulgaris</i> : comparison between statoliths of Atlantic and Mediterranean populations. <i>Marine Ecology - Progress Series</i> , 2003, 253, 197-208.	0.9	38
28	Vitamin A and E content in early stages of cephalopods and their dietary effects in <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture</i> , 2009, 286, 277-282.	1.7	34
29	Global Patterns of Species Richness in Coastal Cephalopods. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	31
30	Differential increment-deposition rate in embryonic statoliths of the loliginid squid <i>Loligo vulgaris</i> . <i>Marine Biology</i> , 2000, 137, 161-168.	0.7	30
31	Cephalopods of the Benguela Current off Namibia: new additions and considerations on the genus <i>Lycoteuthis</i> . <i>Journal of Natural History</i> , 1993, 27, 15-46.	0.2	28
32	Locomotion modes of deep-sea cirrate octopods (Cephalopoda) based on observations from video recordings on the Mid-Atlantic Ridge. <i>Marine Biology</i> , 1997, 129, 113-122.	0.7	28
33	Respiration rates in late eggs and early hatchlings of the common octopus, <i>Octopus vulgaris</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 557-558.	0.4	28
34	Factors influencing the embryonic development and hatchling size of the oceanic squid <i>Illex coindetii</i> following in vitro fertilization. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 407, 54-62.	0.7	26
35	Predatory flying squids are detritivores during their early planktonic life. <i>Scientific Reports</i> , 2018, 8, 3440.	1.6	26
36	Taxonomy, Ecology And Behaviour Of The Cirrate Octopods. <i>Oceanography and Marine Biology</i> , 2006, , 277-322.	1.0	26

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37	Trophic habits of the Ommastrephid squid <i>Illex coindetii</i> and <i>Todarodes sagittatus</i> in the northwestern Mediterranean Sea. <i>Fisheries Research</i> , 2014, 152, 21-28.	0.9	25
38	Global biodiversity of the genus <i>Ommastrephes</i> (Ommastrephidae: Cephalopoda): an allopatric cryptic species complex. <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 460-482.	1.0	24
39	Diet and mandibular growth of <i>Octopus magnificus</i> (Cephalopoda). <i>African Journal of Marine Science</i> , 1993, 13, 121-126.	0.6	23
40	Abiotic influences on embryo growth: statoliths as experimental tools in the squid early life history. <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 101-110.	2.4	22
41	Current Status and Future Challenges in Cephalopod Culture. , 2014, , 479-489.		19
42	A laboratory guide to in vitro fertilization of oceanic squids. <i>Aquaculture</i> , 2012, 342-343, 125-133.	1.7	18
43	Morphological and Molecular Assessments of Bobtail Squids (Cephalopoda: Sepiolidae) Reveal a Hidden History of Biodiversity. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	16
44	Cephalopod Biology. , 2014, , 3-16.		15
45	Validation of the otolith increment deposition ratio using alizarin marks in juveniles of the sparid fishes, <i>Diplodus vulgaris</i> and <i>D. puntazzo</i> . <i>Fisheries Research</i> , 1997, 30, 257-260.	0.9	14
46	Eye development in southern calamary, <i>Sepioteuthis australis</i> , embryos and hatchlings. <i>Marine Biology</i> , 2009, 156, 1359-1373.	0.7	13
47	B-esterases characterisation in the digestive tract of the common octopus and the European cuttlefish and their in vitro responses to contaminants of environmental concern. <i>Environmental Research</i> , 2022, 210, 112961.	3.7	13
48	Radioisotopes Demonstrate the Contrasting Bioaccumulation Capacities of Heavy Metals in Embryonic Stages of Cephalopod Species. <i>PLoS ONE</i> , 2011, 6, e27653.	1.1	12
49	The journey of squid sperm. <i>Reviews in Fish Biology and Fisheries</i> , 2018, 28, 191-199.	2.4	12
50	A description of three new bathyteuthid squid species from the North Atlantic and Gulf of Mexico. <i>Bulletin of Marine Science</i> , 2020, 96, 281-296.	0.4	12
51	A phylogenomic look into the systematics of oceanic squids (order Oegopsida). <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 1212-1235.	1.0	11
52	Towards the identification of the ommastrephid squid paralarvae (Mollusca: Cephalopoda): morphological description of three species and a key to the north-east Atlantic species. <i>Zoological Journal of the Linnean Society</i> , 2016, , .	1.0	9
53	Invertebrate predation on egg masses of the European cuttlefish, <i>Sepia officinalis</i> : An experimental approach. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 200, 437-448.	0.9	9
54	Opportunistic acoustic recordings of (potential) orangeback flying squid <i>Sthenoteuthis pteropus</i> in the Central Eastern Atlantic. <i>Journal of Marine Systems</i> , 2018, 179, 31-37.	0.9	9

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55	Born With Bristles: New Insights on the KÅ¶llikerâ€™s Organs of Octopus Skin. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
56	Discretionary Policy Interactions and the Fiscal Theory of the Price Level: A SVAR Analysis on French Data. <i>SSRN Electronic Journal</i> , 2005, , .	0.4	7
57	Observations on the behaviour of the cirrate octopod <i>Opisthoteuthis grimaldii</i> (Cephalopoda). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 555-556.	0.4	6
58	Redescription of the Flapjack Octopod, <i>Opisthoteuthis bruuni</i> (Cephalopoda: Opisthoteuthidae), from the Southeastern Pacific Ocean and Evolutionary Relationships of Cirrate Octopods. <i>Malacologia</i> , 2021, 63, .	0.2	6
59	Cryobiology of cephalopod (<i>Illex coindetii</i>) spermatophores. <i>Cryobiology</i> , 2013, 66, 288-294.	0.3	5
60	Natural geochemical markers reveal environmental history and population connectivity of common cuttlefish in the Atlantic Ocean and Mediterranean Sea. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200309.	1.5	5
61	Regional patterns of $\delta^{13}C$ and $\delta^{15}N$ for European common cuttlefish (<i>Sepia officinalis</i>) throughout the Northeast Atlantic Ocean and Mediterranean Sea. <i>Royal Society Open Science</i> , 2021, 8, 210345.	1.1	5
62	Morphological description of egg masses and hatchlings of <i>Lolliguncula diomedea</i> (Cephalopoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	3
63	Potentially handicapped but otherwise functional: Malformations in prey capture tools show no impacts on octopus life. <i>Ecology and Evolution</i> , 2020, 10, 12685-12689.	0.8	3
64	Extended Pelagic Life in a Bathybenthic Octopus. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	3
65	Is Cryptic Biodiversity a Common Phenomenon among Atlantic Oceanic Squids?. , 0, , .		1