

JosÃ© Luis Carballo

List of Publications by Year in descending order

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109
papers

3,536
citations

159525

30
h-index

155592

55
g-index

111
all docs

111
docs citations

111
times ranked

4266
citing authors

#	ARTICLE	IF	CITATIONS
1	World Scientistsâ€™ Warning to Humanity: A Second Notice. <i>BioScience</i> , 2017, 67, 1026-1028.	2.2	817
2	A comparison between two brine shrimp assays to detect in vitro cytotoxicity in marine natural products. <i>BMC Biotechnology</i> , 2002, 2, 17.	1.7	252
3	Three-dimensional chitin-based scaffolds from <i>Verongida</i> sponges (Demospongiae: Porifera). Part I. Isolation and identification of chitin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 132-140.	3.6	144
4	Effects of environmental stress on ascidian populations in Algeciras Bay (southern Spain). Possible marine bioindicators?. <i>Marine Ecology - Progress Series</i> , 1996, 144, 119-131.	0.9	135
5	Use of marine sponges as stress indicators in marine ecosystems at Algeciras Bay (southern Iberian) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	115
6	Three-dimensional chitin-based scaffolds from <i>Verongida</i> sponges (Demospongiae: Porifera). Part II: Biomimetic potential and applications. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 141-145.	3.6	104
7	Boring sponges, an increasing threat for coral reefs affected by bleaching events. <i>Ecology and Evolution</i> , 2013, 3, 872-886.	0.8	77
8	Chemical and mechanical bioerosion of boring sponges from Mexican Pacific coral reefs. <i>Journal of Experimental Biology</i> , 2008, 211, 2827-2831.	0.8	56
9	Environmental status of the Gulf of California: A review of responses to climate change and climate variability. <i>Earth-Science Reviews</i> , 2016, 162, 253-268.	4.0	55
10	Effect of natural sedimentation on the structure of tropical rocky sponge assemblages. <i>Ecoscience</i> , 2006, 13, 119-130.	0.6	52
11	Environmental assessment of a large industrial marine complex based on a community of benthic filter-feeders. <i>Marine Pollution Bulletin</i> , 2002, 44, 605-610.	2.3	50
12	Effects of voucher-based intervention on abstinence and retention in an outpatient treatment for cocaine addiction: A randomized controlled trial.. <i>Experimental and Clinical Psychopharmacology</i> , 2009, 17, 131-138.	1.3	50
13	Integrative Taxonomy and Molecular Phylogeny of Genus <i>Aplysina</i> (Demospongiae: <i>Verongida</i>) from Mexican Pacific. <i>PLoS ONE</i> , 2012, 7, e42049.	1.1	48
14	New Cytotoxic Metabolites from the Sponge <i>Cacospongia scalaris</i> . <i>Journal of Organic Chemistry</i> , 1997, 62, 1481-1485.	1.7	47
15	Taxonomy and description of clonaid sponges (Hadromerida, Clionidae) from the Pacific Ocean of Mexico. <i>Zoological Journal of the Linnean Society</i> , 2004, 141, 353-397.	1.0	46
16	Taxonomic and ecological remarks on boring sponges (Clionidae) from the Straits of Gibraltar (southern Spain): tentative bioindicators?. <i>Zoological Journal of the Linnean Society</i> , 1994, 112, 407-424.	1.0	42
17	Merosesquiterpenes from Two Sponges of the Genus <i>Dysidea</i> . <i>Journal of Natural Products</i> , 2005, 68, 653-658.	1.5	40
18	Phenotypic plasticity in a mutualistic association between the sponge <i>Haliclona caerulea</i> and the calcareous macroalga <i>Jania adherens</i> induced by transplanting experiments. I: morphological responses of the sponge. <i>Marine Biology</i> , 2006, 148, 467-478.	0.7	40

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19	Nature Divided, Scientists United: US–Mexico Border Wall Threatens Biodiversity and Binational Conservation. <i>BioScience</i> , 2018, 68, 740-743.	2.2	40
20	Community reinforcement approach plus vouchers for cocaine dependence in a community setting in Spain: Six-month outcomes. <i>Journal of Substance Abuse Treatment</i> , 2008, 34, 202-207.	1.5	38
21	Fulvinol, a New Long-Chain Diacetylenic Metabolite from the Sponge <i>Reniera fulva</i> . <i>Journal of Natural Products</i> , 1996, 59, 1069-1071.	1.5	36
22	Towards a knowledge of marine boundaries using ascidians as indicators: characterising transition zones for species distribution along Atlantic-Mediterranean shores. <i>Biological Journal of the Linnean Society</i> , 1998, 64, 151-177.	0.7	36
23	Sesquiterpenes from the Sponge <i>Axinyssa isabela</i> . <i>Journal of Natural Products</i> , 2008, 71, 2004-2010.	1.5	36
24	A preliminary assessment of the invasiveness of the Indo-Pacific sponge <i>Chalinula nematifera</i> on coral communities from the tropical Eastern Pacific. <i>Biological Invasions</i> , 2009, 11, 257-264.	1.2	36
25	Boring sponges and the modeling of coral reefs in the east Pacific Ocean. <i>Marine Ecology - Progress Series</i> , 2008, 356, 113-122.	0.9	36
26	New Metabolites from the Sponge <i>Spongia agaricina</i> . <i>Journal of Natural Products</i> , 1998, 61, 258-261.	1.5	31
27	Analysis of Four Macroalgal Assemblages along the Pacific Mexican Coast during and after the 1997-98 El Niño. <i>Ecosystems</i> , 2002, 5, 749-760.	1.6	31
28	Sesterterpene metabolites from the sponge <i>Hyatella intestinalis</i> . <i>Tetrahedron</i> , 2006, 62, 5392-5400.	1.0	31
29	Short- and long-term patterns of sponge diversity on a rocky tropical coast: evidence of large-scale structuring factors. <i>Marine Ecology</i> , 2008, 29, 216-236.	0.4	31
30	Population dynamics of a mutualistic interaction between the sponge <i>Haliclona caerulea</i> and the red alga <i>Jania adherens</i> . <i>Marine Ecology - Progress Series</i> , 2004, 279, 93-104.	0.9	31
31	Environmental factors shaping boring sponge assemblages at Mexican Pacific coral reefs. <i>Marine Ecology</i> , 2013, 34, 269-279.	0.4	30
32	Where does the Mediterranean Sea begin? Zoogeographical affinities of the littoral sponges of the Straits of Gibraltar. <i>Journal of Biogeography</i> , 1997, 24, 223-232.	1.4	27
33	Isothiocyanate Sesquiterpenes from a Sponge of the Genus <i>Axinyssa</i> . <i>Journal of Natural Products</i> , 2008, 71, 608-614.	1.5	27
34	Bioeroding Sponges and the Future of Coral Reefs. , 2017, , 179-372.		27
35	New cytotoxic metabolites from the sponge <i>Mycale micracanthoxea</i> . <i>Tetrahedron</i> , 1997, 53, 331-340.	1.0	26
36	Cembrane Diterpenes from the Gorgonian <i>Lophogorgia peruana</i> . <i>Journal of Natural Products</i> , 2006, 69, 1749-1755.	1.5	26

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37	Reproductive cycle of the coral-excavating sponge <i>Thoosa mismalolli</i> (Clionidae) from Mexican Pacific coral reefs. <i>Invertebrate Biology</i> , 2010, 129, 285-296.	0.3	26
38	Sponge bioerosion on reef-building corals: Dependent on the environment or on skeletal density?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 441, 23-27.	0.7	25
39	Isopod fauna, excluding Epicaridea, from the Strait of Gibraltar and nearby areas (Southern Iberian) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	24
40	Sesquiterpene hydroquinones from the sponge <i>Reniera mucosa</i> . <i>Tetrahedron</i> , 1994, 50, 8153-8160.	1.0	23
41	Qualitative Changes in Macroalgal Assemblages under Two Contrasting Climatic Conditions in a Subtropical Estuary. <i>Botanica Marina</i> , 2002, 45, .	0.6	22
42	New coral reef boring sponges (Hadromerida: Clionidae) from the Mexican Pacific Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 963-970.	0.4	22
43	Cytotoxic dibromotyrosine-derived metabolites from the sponge <i>Aplysina gerardogreeni</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5275-5282.	1.4	22
44	Restriction of sponges to an atoll lagoon as a result of reduced environmental quality. <i>Marine Pollution Bulletin</i> , 2013, 66, 209-220.	2.3	22
45	Abundance and reproductive patterns of the excavating sponge <i>Cliona vermifera</i> : a threat to Pacific coral reefs?. <i>Coral Reefs</i> , 2014, 33, 259-266.	0.9	22
46	Coral Reef Bioerosion in the Eastern Tropical Pacific. <i>Coral Reefs of the World</i> , 2017, , 369-403.	0.3	22
47	Interocean patterns in shallow water sponge assemblage structure and function. <i>Biological Reviews</i> , 2020, 95, 1720-1758.	4.7	22
48	Muricenones A and B: New Degraded Pregnanes From a Gorgonian of the Genus <i>Muricea</i> . <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3250-3253.	1.2	20
49	PHENOTYPIC PLASTICITY INDUCED IN TRANSPLANT EXPERIMENTS IN A MUTUALISTIC ASSOCIATION BETWEEN THE RED ALGA <i>JANIA ADHAERENS</i> (RHODOPHYTA, CORALLINALES) AND THE SPONGE <i>HALICLONA CAERULEA</i> (PORIFERA: HAPLOSCLERIDA): MORPHOLOGICAL RESPONSES OF THE ALGA ¹ . <i>Journal of Phycology</i> , 2009, 45, 81-90.	1.0	20
50	Culture of Explants from the Sponge <i>Mycale cecilia</i> to Obtain Bioactive Mycalazal-Type Metabolites. <i>Marine Biotechnology</i> , 2010, 12, 516-525.	1.1	20
51	Larval ecology of an ascidian tropical population in a Mediterranean enclosed ecosystem. <i>Marine Ecology - Progress Series</i> , 2000, 195, 159-167.	0.9	20
52	Structure and cytotoxicity of new metabolites from the sponge <i>Mycale cecilia</i> . <i>Tetrahedron</i> , 2004, 60, 2517-2524.	1.0	19
53	Differences among substance abusers in Spain who recovered with treatment or on their own. <i>Addictive Behaviors</i> , 2008, 33, 94-105.	1.7	19
54	Patterns of sponge biodiversity and abundance across different biogeographic regions. <i>Marine Biology</i> , 2008, 155, 563-570.	0.7	18

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55	Cembrane Diterpenes from the Gorgonian <i>Leptogorgia laxa</i> . Journal of Natural Products, 2008, 71, 1637-1639.	1.5	18
56	THE DIET OF PLATYDORIS ARGO (GASTROPODA: NUDIBRANCHIA) AND THE DIETARY SPECIALIZATION OF SPONGE EATING DORIDS. Journal of Molluscan Studies, 2002, 68, 173-179.	0.4	17
57	A revision of the genus Mycale (Poecilosclerida: Mycalidae) from the Mexican Pacific Ocean. Contributions To Zoology, 2010, 79, 165-191.	0.2	17
58	New species of excavating sponges (Porifera: Demospongiae) on coral reefs from the Mexican Pacific Ocean. Journal of the Marine Biological Association of the United Kingdom, 2011, 91, 999-1013.	0.4	17
59	Coral boring <i>Aka</i> -species (Porifera: Phloeodictyidae) from Mexico with description of <i>Aka cryptica</i> sp. nov.. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1477-1484.	0.4	15
60	Rapid surface water warming and impact of the recent (2013-2016) temperature anomaly in shallow coastal waters at the eastern entrance of the Gulf of California. Progress in Oceanography, 2022, 202, 102746.	1.5	15
61	Micromorphology in Mycale taxonomy (Mycalidae, Poecilosclerida, Demospongiae), with the description of two new micracanthoxea-bearing species. Contributions To Zoology, 1998, 67, 187-195.	0.2	14
62	A comparison of sponge assemblage patterns in two adjacent rocky habitats (tropical Pacific Ocean,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	14
63	FINANCING A VOUCHER PROGRAM FOR COCAINE ABUSERS THROUGH COMMUNITY DONATIONS IN SPAIN. Journal of Applied Behavior Analysis, 2008, 41, 623-628.	2.2	14
64	Taxonomy of family Plakinidae (Porifera: Homoscleromorpha) from eastern Pacific coral reefs, through morphology and <i>cox1</i> and <i>cob</i> ...mtDNA data. Zoological Journal of the Linnean Society, 2014, 171, 254-276.	1.0	13
65	Halichondrids or axinellids? Some problematic genera of sponges with descriptions of new species from the Strait of Gibraltar (southern Iberian Peninsula). Journal of Zoology, 1996, 238, 725-741.	0.8	11
66	Deposition of shallow water sponges in response to seasonal changes. Journal of Sea Research, 2011, 66, 172-180.	0.6	11
67	Sponge diversity in Eastern Tropical Pacific coral reefs: an interoceanic comparison. Scientific Reports, 2019, 9, 9409.	1.6	11
68	Distribution and abundance of ascidian assemblages in Caribbean reef zones of the Golfo de Batabanó ³ (Cuba). Coral Reefs, 2001, 20, 159-162.	0.9	10
69	First record of Axinyssa Lendenfeld, 1897 (Demospongiae, Halichondrida) from the East Pacific Ocean, with the description of Axinyssa isabela sp. nov.. Zootaxa, 2008, 1784, 58.	0.2	10
70	Pervasive genetic structure at different geographic scales in the coral-excavating sponge Cliona vermifera (Hancock, 1867) in the Mexican Pacific. Coral Reefs, 2015, 34, 887-897.	0.9	10
71	Acarinidae (Porifera: Demospongiae: Poecilosclerida) from the Mexican Pacific Ocean with the description of six new species. Scientia Marina, 2013, 77, 677-696.	0.3	10
72	Spatio-temporal changes in the trophic structure of Rocky intertidal mollusc assemblages on a Tropical shore. Ciencias Marinas, 2001, 27, 235-254.	0.4	10

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73	Wide distributional range of marine sponges along the Pacific Ocean. <i>Marine Biology Research</i> , 2013, 9, 768-775.	0.3	9
74	Taxonomy and molecular systematic position of freshwater genus <i>Racekiela</i> (Porifera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Biodiversity, 2018, 16, 160-170.	0.5	9
75	Biological and chemical characterizations of three new species of <i>Dysidea</i> (Porifera: Demospongiae) from the Pacific Mexican coast. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 498-508.	0.6	8
76	Climate Change and Sponges: An Introduction. , 2017, , 1-11.		8
77	Assessment of the distribution of sponge chips in the sediment of East Pacific Ocean reefs. <i>Marine Ecology</i> , 2017, 38, e12390.	0.4	8
78	Decimation of a population of the endangered species <i>Scutellastra mexicana</i> (Broderip and Sowerby,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Conservation: Marine and Freshwater Ecosystems, 2020, 30, 20-30.	0.9	8
79	<i>Guitarra Flamenca</i> sp. nov. (Porifera: Poecilosclerida) With a Sem Revision of the Spiny Isochelae and Placochelae in the Genus. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1998, 78, 807-819.	0.4	7
80	Polyaxone monaxonids: revision of raspailiid sponges with polyactine megascleres (Cyamon and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707	0.5	7
81	Molecular and morphological differentiation of sympatric larvae of coral excavating sponges of genus <i>Thoosa</i> . <i>Zoomorphology</i> , 2016, 135, 159-165.	0.4	7
82	Raspailiidae (Porifera: Demospongiae: Axinellida) from the Mexican Pacific Ocean with the description of seven new species. <i>Journal of Natural History</i> , 2013, 47, 1663-1706.	0.2	6
83	Molecular and morphological data from Thoosidae in favour of the creation of a new suborder of Tetractinellida. <i>Systematics and Biodiversity</i> , 2018, 16, 512-521.	0.5	6
84	Spatio-temporal variation in rate of carbonate deposition by encrusting organisms in different reef microhabitats from Eastern Pacific coral reefs. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1495-1505.	0.4	6
85	<i>Mycale</i> (<i>Aegogropila</i>) <i>kolletae</i> sp. n. from the SE Atlantic, with comments on the species of <i>Mycale</i> Gray with raphidotoxas (<i>Mycalidae</i> , Demospongiae, Porifera). <i>Revista Brasileira De Zoologia</i> , 2001, 18, 205-217.	0.5	5
86	Effectiveness and efficiency of methodology for recruiting participants in natural recovery from alcohol and drug addiction. <i>Addiction Research and Theory</i> , 2009, 17, 80-90.	1.2	5
87	<i>Tedania</i> (Porifera: Demospongiae: Poecilosclerida) from the Mexican Pacific with the description of two new species. <i>Journal of Natural History</i> , 2018, 52, 1311-1332.	0.2	5
88	Excavating sponges from the Pacific of Central America, descriptions and a faunistic record. <i>Zootaxa</i> , 2018, 4370, 451-491.	0.2	5
89	Relationships between boring sponge assemblages and the availability of dead coral substrate on Mexican Pacific coral reefs. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 795-805.	0.4	5
90	Population status of the endangered giant Mexican limpet <i>Scutellastra mexicana</i> in the central Mexican Pacific. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 531-542.	0.9	5

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91	Determinantes de la recuperación de los problemas de alcohol en sujetos tratados y no tratados en una muestra española. <i>Revista De Psicología De La Salud</i> , 2008, 20, 49.	0.2	5
92	<i>Pedoculina Garciagomezi</i> (Amphipoda, Caprellidea), a New Species From Bahia De Algeciras (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.15	4
93	Assessment of the effectiveness of natural coral fragmentation as a dispersal mechanism for coral reef boring sponges. <i>Marine Ecology</i> , 2016, 37, 1008-1018.	0.4	4
94	On the genus <i>Racekiela</i> in Mexico: molecular and morphological description of <i>Racekiela cresciscrystae</i> n. sp.. <i>Journal of Natural History</i> , 2019, 53, 1351-1368.	0.2	4
95	Strings and D-branes in a supersymmetric magnetic flux background. <i>Journal of High Energy Physics</i> , 2007, 2007, 047-047.	1.6	3
96	Impacts of Short-Term Large-Scale Climatic Variation on Sponge Assemblages. , 2017, , 143-177.		3
97	Description and molecular phylogeny of <i>Axinella nayaritensis</i> n. sp. (Porifera: Axinellida) from East Pacific and remarks about the polyphyly of the genus <i>Axinella</i> . <i>Zootaxa</i> , 2018, 4482, 111.	0.2	3
98	<i>Myxilla tarifensis</i> sp. nov. (Porifera, Poecilosclerida), with remarks on the genus <i>Myxilla</i> in the Strait of Gibraltar (Iberian Peninsula). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1996, 76, 875-884.	0.4	2
99	Two new species of <i>Astacilla</i> from Straits of Gibraltar, with a key to Iberian and North African species. <i>Ophelia</i> , 2000, 52, 45-56.	0.3	2
100	Tensionless supersymmetric M2 branes in AdS ₄ —S ⁷ and giant diablo. <i>Journal of High Energy Physics</i> , 2009, 2009, 118-118.	1.6	2
101	First record of <i>Cladocroce</i> (Porifera: Haplosclerida: Chalinidae) from the Eastern Pacific ocean with the description of <i>Cladocroce reina</i> sp. nov.. <i>Zootaxa</i> , 2010, 2603, 65.	0.2	2
102	Genomics and phylogeny of the proposed phylum "Candidatus Poribacteria" associated with the excavating sponge <i>Thoosa mismalolli</i> . <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 2163-2174.	0.7	2
103	A new species of <i>Deutella</i> Mayer 1890 (Crustacea: Amphipoda) from the Mexican Pacific coast. <i>Zootaxa</i> , 2019, 4612, 581.	0.2	1
104	Taxonomy and molecular systematic position of the freshwater genus <i>Heteromeyenia</i> (Porifera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.5	1
105	Aquaculture of <i>Ecteinascidia turbinata</i> Herdman, 1880 as Source of Marine Anticancer Agents. , 2001, , 355-360.		1
106	Redescription of the highly endangered species <i>Scutellastra mexicana</i> (Broderip & G.B. Sowerby I, 1829) (Mollusca, Gastropoda). <i>Journal of Natural History</i> , 2020, 54, 991-1007.	0.2	1
107	New bubble decays in Kaluza-Klein theories. <i>Journal of High Energy Physics</i> , 2005, 2005, 053-053.	1.6	0
108	Self-Change Strategies in Smokers and Former Smokers: Spanish Adaptation of the SCS-CS and SCS-FS. <i>Spanish Journal of Psychology</i> , 2009, 12, 808-814.	1.1	0

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109	Delimiting boundaries between species: excavating sponges close to <i>Cliona mucronata</i> (Demospongiae). Systematics and Biodiversity, 2020, 18, 573-591.	0.5	0