

# Cesar Serra Bonifacio Costa

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,142  
citations

516710

16  
h-index

395702

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of saltmarsh plant communities associated with environmental factors along a latitudinal gradient on the south-west Atlantic coast. <i>Journal of Biogeography</i> , 2006, 33, 888-900.	3.0	271
2	<i>Salicornia</i> L. ( <i>Salicornia pusilla</i> J. Woods, <i>S. ramosissima</i> J. Woods, <i>S. europaea</i> L., <i>S. obscura</i> P.W. Ball) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> <i>Ecology</i> , 2001, 89, 681-707.	4.0	168
3	Plant zonation in irregularly flooded salt marshes: relative importance of stress tolerance and biological interactions. <i>Journal of Ecology</i> , 2003, 91, 951-965.	4.0	152
4	Estuary hydrogeomorphology affects carbon sources supporting aquatic consumers within and among ecological guilds. <i>Hydrobiologia</i> , 2011, 673, 79-92.	2.0	45
5	Eutrophication processes and trophic interactions in a shallow estuary: Preliminary results based on stable isotope analysis ( $\delta^{13}C$ and $\delta^{15}N$ ). <i>Estuaries and Coasts</i> , 2006, 29, 277-285.	2.2	43
6	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863.	3.2	39
7	Crab Bioturbation and Herbivory May Account for Variability in Carbon Sequestration and Stocks in South West Atlantic Salt Marshes. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	33
8	Growth, Phenolics, Photosynthetic Pigments, and Antioxidant Response of Two New Genotypes of Sea Asparagus ( <i>Salicornia neei</i> Lag.) to Salinity under Greenhouse and Field Conditions. <i>Agriculture (Switzerland)</i> , 2018, 8, 115.	3.1	29
9	Vertical distribution and resource allocation of <i>Ruppia maritima</i> L. in a southern Brazilian estuary. <i>Aquatic Botany</i> , 1989, 33, 123-129.	1.6	28
10	Effect of Ultraviolet-B Radiation on Salt Marsh Vegetation: Trends of the Genus <i>Salicornia</i> along the Americas. <i>Photochemistry and Photobiology</i> , 2006, 82, 878.	2.5	25
11	Effect of ultrasound-assisted cold plasma pretreatment to obtain sea asparagus extract and its application in Italian salami. <i>Food Research International</i> , 2020, 137, 109435.	6.2	24
12	Germination responses to salt stress of two intertidal populations of the perennial glasswort <i>Sarcocornia ambigua</i> . <i>Aquatic Botany</i> , 2014, 117, 12-17.	1.6	21
13	Fatty acids composition in seeds of the South American glasswort <i>Sarcocornia ambigua</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 865-870.	0.8	19
14	Extraction and characterization of lipids from <i>Sarcocornia ambigua</i> meal: a halophyte biomass produced with shrimp farm effluent irrigation. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 935-943.	0.8	18
15	Free phenolic compounds extraction from Brazilian halophytes, soybean and rice bran by ultrasound-assisted and orbital shaker methods. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3363-3372.	0.8	18
16	Natural and anthropogenic effects on salt marsh over five decades in the patos lagoon (Southern) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	18
17	Leaf demography and decline of <i>Panicum racemosum</i> populations in coastal foredunes of southern Brazil. <i>Canadian Journal of Botany</i> , 1991, 69, 1593-1599.	1.1	17
18	Short- and Long-Term Vegetative Propagation of Two <i>Spartina</i> Species on a Salt Marsh in Southern Brazil. <i>Estuaries and Coasts</i> , 2012, 35, 763-773.	2.2	17

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19	The effect of temperature regulation on seed germination of the tropical tree <i>Myrsine parvifolia</i> A. DC near its southern limit. <i>South African Journal of Botany</i> , 2015, 98, 128-133.	2.5	15
20	Bioactive compounds and antioxidant activity of three biotypes of the sea asparagus <i>Sarcocornia ambigua</i> (Michx.) M.A.Alonso & M.B.Crespo: a halophytic crop for cultivation with shrimp farm effluent. <i>South African Journal of Botany</i> , 2018, 117, 95-100.	2.5	14
21	Consumer control of the establishment of marsh foundation plants in intertidal mudflats. <i>Marine Ecology - Progress Series</i> , 2016, 547, 79-89.	1.9	14
22	GROWTH AND MINERAL COMPOSITION OF TWO LINEAGES OF THE SEA ASPARAGUS <i>SARCOCORNIA AMBIGUA</i> IRRIGATED WITH SHRIMP FARM SALINE EFFLUENT. <i>Experimental Agriculture</i> , 2018, 54, 399-416.	0.9	13
23	Micronutrient supplementation needs for halophytes in saline aquaponics with BFT system water. <i>Aquaculture</i> , 2021, 531, 735815.	3.5	13
24	Composio florstica das formaes vegetais sobre uma turfeira topotrfica da planie costeira do Rio Grande do Sul, Brasil. <i>Acta Botanica Brasilica</i> , 2003, 17, 203-212.	0.8	11
25	Halophytic Life in Brazilian Salt Flats: Biodiversity, Uses and Threats. <i>Tasks for Vegetation Science</i> , 2016, , 11-27.	0.6	11
26	SURVIVAL AND GROWTH OF THE DOMINANT SALT MARSH GRASS <i>SPARTINA ALTERNIFLORA</i> IN AN OIL INDUSTRY SALINE WASTEWATER. <i>International Journal of Phytoremediation</i> , 2009, 11, 640-650.	3.1	10
27	Modern pollen-vegetation relationships in saltmarsh habitats along a salinity gradient of a fluvial estuary. <i>Review of Palaeobotany and Palynology</i> , 2016, 233, 67-76.	1.5	9
28	Nutritional potential of a novel sea asparagus, <i>Salicornia neei</i> Lag., for human and animal diets. <i>Biotemas</i> , 2018, 31, 57-63.	0.1	9
29	Grazing Scar Characteristics Impact Degree of Fungal Facilitation in <i>Spartina alterniflora</i> Leaves in a South American Salt Marsh. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 103-108.	0.5	8
30	Geochemical factors promoting die-back gap formation in colonizing patches of <i>Spartina densiflora</i> in an irregularly flooded marsh. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 189, 104-114.	2.1	8
31	Diagnstico ambiental das marismas no esturio da Lagoa dos Patos - RS. <i>Atlntica</i> , 2009, 31, 85-98.	0.1	6
32	Molecular markers indicate the phylogenetic identity of southern Brazilian sea asparagus: first record of <i>Salicornia neei</i> in Brazil. <i>Rodriguesia</i> , 0, 70, .	0.9	5
33	Beyond bivariate correlations: three-block partial least squares illustrated with vegetation, soil, and topography. <i>Ecosphere</i> , 2015, 6, 1-32.	2.2	3
34	Germination and fungal infection of wild celery ( <i>Apium graveolens</i> L.) seeds, from southern Brazil, under different temperature and disinfection conditions. <i>Revista Ceres</i> , 2019, 66, 402-406.	0.4	3
35	Integrated coastal zone management in the Patos Lagoon Estuary (South Brazil): state of art. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	3
36	Efeitos da densidade de plantio e da adio de nutrientes na produo de mudas de gramas halfitas em recipientes. <i>Revista Ceres</i> , 2016, 63, 76-85.	0.4	1

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37	CULTIVO DE SALICORNIA NEEI LAG. NO SEMIÁRIDO CEARENSE. Brazilian Journal of Development, 2020, 6, 63592-63605.	0.1	1
38	Variaç�o na altura e na abund�ncia de colmos e estruturas reprodutivas em popula�es pioneiras e maduras de <i>Spartina alterniflora</i> Loisel. e <i>S. densiflora</i> Brongn. (Poaceae) do sul do Brasil. Iheringia - Serie Botanica, 2017, 72, 229-238.	0.1	0
39	Fenologia da <i>Salicornia neei</i> Lag. cultivada no semi�rido cearense. Revista Brasileira De Geografia Fisica, 2019, 12, 489-504.	0.1	0
40	CRESCIMENTO E GERMINA�O DE SEMENTES DE BI�TIPOS DE SALICORNIA NEEI LAG. ADAPTADAS �S CONDI�ES DO SEMI�RIDO NORDESTINO / GROWTH AND GERMINATION OF SALICORNIA NEEI LAG BIOTYPE SEEDS ADAPTED TO THE CONDITIONS OF THE NORTHEASTERN SEMIARID. Brazilian Journal of Development, 2020, 6, 75721-75735.	0.1	0
41	Solutos org�nicos e inorg�nicos em <i>Salicornia neei</i> Lag. sob l�minas de irriga�o e aduba�o no semi�rido cearense. Revista Verde De Agroecologia E Desenvolvimento Sustent�vel, 2020, 15, 360-367.	0.1	0