

# Oscar Alvarez-Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4847641/publications.pdf>

Version: 2024-02-01

14  
papers

282  
citations

1163117  
8  
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1281871  
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g-index

14  
all docs

14  
docs citations

14  
times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the study of coastal processes in the continental Colombian Caribbean coast. Regional Studies in Marine Science, 2022, 51, 102209.	0.7	1
2	Analysis of the Intake Locations of Salinity Gradient Plants Using Hydrodynamic and Membrane Models. Water (Switzerland), 2021, 13, 1133.	2.7	2
3	Salinity gradient power by reverse electrodialysis: A multidisciplinary assessment in the Colombian context. Desalination, 2021, 503, 114933.	8.2	11
4	Interannual variability of wave climate in the Caribbean Sea. Ocean Dynamics, 2020, 70, 965-976.	2.2	9
5	Variability of the thermohaline structure of a coastal hypersaline lagoon and the implications for salinity gradient energy harvesting. Sustainable Energy Technologies and Assessments, 2020, 38, 100645.	2.7	8
6	Effects of water pretreatment on the extractable salinity gradient energy at river mouths: the case of Magdalena River, Caribbean Sea. Journal of Ocean Engineering and Marine Energy, 2019, 5, 227-240.	1.7	11
7	Potential and analysis of an osmotic power plant in the Magdalena River using experimental field-data. Energy, 2019, 180, 548-555.	8.8	24
8	Saltwater Intrusion into a River with High Fluvial Discharge: A Microtidal Estuary of the Magdalena River, Colombia. Journal of Coastal Research, 2018, 34, 1273.	0.3	20
9	Practical global salinity gradient energy potential. Renewable and Sustainable Energy Reviews, 2016, 60, 1387-1395.	16.4	97
10	Salinity gradient energy potential in Colombia considering site specific constraints. Renewable Energy, 2015, 74, 737-748.	8.9	31
11	Site-specific potential analysis for pressure retarded osmosis (PRO) power plants – The León River example. Renewable Energy, 2014, 68, 466-474.	8.9	22
12	Salinity Gradient Energy at River Mouths. Environmental Science and Technology Letters, 2014, 1, 410-415.	8.7	34
13	Estimation of the electric power potential using Pressure Retarded Osmosis in the Leon River's mouth: A first step for the harnessing of saline gradients in Colombia. , 2011, , .		8
14	Hidrodinámica aplicada a la gestión y la conservación de ecosistemas marinos y costeros: Isla Gorgona, Océano Pacífico Colombiano. Revista De Biología Tropical, 0, 62, 133.	0.4	4