

# Andre Rovai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	648 citations	13 h-index	25 g-index
25 ext. papers	837 ext. citations	7.4 avg, IF	4.09 L-index

#	Paper	IF	Citations
25	Brazilian Mangroves: Blue Carbon Hotspots of National and Global Relevance to Natural Climate Solutions. <i>Frontiers in Forests and Global Change</i> , <b>2022</b> , 4,	3.7	1
24	Biomass allocation of tidal freshwater marsh species in response to natural and manipulated hydroperiod in coastal deltaic floodplains. <i>Estuarine, Coastal and Shelf Science</i> , <b>2022</b> , 268, 107784	2.9	
23	Ecosystem-level carbon stocks and sequestration rates in mangroves in the Cananã-Iguape lagoon estuarine system, southeastern Brazil. <i>Forest Ecology and Management</i> , <b>2021</b> , 479, 118553	3.9	18
22	Aboveground biomass distributions and vegetation composition changes in Louisiana's Wax Lake Delta. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 250, 107139	2.9	3
21	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective <b>2021</b> , 295-334		1
20	Macroecological patterns of forest structure and allometric scaling in mangrove forests. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 1000-1013	6.1	9
19	Ecogeomorphology of coastal deltaic floodplains and estuaries in an active delta: Insights from the Atchafalaya Coastal Basin. <i>Estuarine, Coastal and Shelf Science</i> , <b>2019</b> , 227, 106341	2.9	21
18	Spatial variability of mangrove primary productivity in the neotropics. <i>Ecosphere</i> , <b>2019</b> , 10, e02841	3.1	13
17	Mangrove Biogeochemistry at Local to Global Scales Using Ecogeomorphic Approaches <b>2019</b> , 717-785		8
16	Brazil's Native Vegetation Protection Law Jeopardizes Wetland Conservation: A Comment on Maltchik et al.. <i>Environmental Conservation</i> , <b>2019</b> , 46, 121-123	3.3	6
15	Coastal morphology explains global blue carbon distributions. <i>Frontiers in Ecology and the Environment</i> , <b>2018</b> , 16, 503-508	5.5	77
14	Sensitivity of mangrove range limits to climate variability. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 925-935	6.1	44
13	Global controls on carbon storage in mangrove soils. <i>Nature Climate Change</i> , <b>2018</b> , 8, 534-538	21.4	132
12	Mangrove Forest Restoration and Rehabilitation <b>2017</b> , 301-345		27
11	Productivity and Carbon Dynamics in Mangrove Wetlands <b>2017</b> , 113-162		15
10	Advancing Mangrove Macroecology <b>2017</b> , 347-381		9
9	On the impact of the Brazilian Forest Code on mangroves: A comment to Ferreira and Lacerda (2016). <i>Ocean and Coastal Management</i> , <b>2016</b> , 132, 36-37	3.9	8

8	Stress in mangrove forests: Early detection and preemptive rehabilitation are essential for future successful worldwide mangrove forest management. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 109, 764-71	6.7	75
7	Climate changes in mangrove forests and salt marshes. <i>Brazilian Journal of Oceanography</i> , <b>2016</b> , 64, 37-528		40
6	Is mangrove planting insufficient for benthic macrofaunal recovery when environmental stress is persistent?. <i>Ecological Engineering</i> , <b>2016</b> , 95, 290-301	3.9	13
5	Scaling mangrove aboveground biomass from site-level to continental-scale. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 286-298	6.1	59
4	Photosynthetic performance of restored and natural mangroves under different environmental constraints. <i>Environmental Pollution</i> , <b>2013</b> , 181, 233-41	9.3	16
3	Secondary succession impairment in restored mangroves. <i>Wetlands Ecology and Management</i> , <b>2012</b> , 20, 447-459	2.1	30
2	Protecting Brazil's coastal wetlands. <i>Science</i> , <b>2012</b> , 335, 1571-2	33.3	15
1	Carbon mismanagement in Brazil. <i>Nature Climate Change</i> , <b>2012</b> , 2, 764-764	21.4	8