Andre Rovai

List of Publications by Citations

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	Global controls on carbon storage in mangrove soils. *Nature Climate Change*, **2018**, 8, 534-538	21.4	132
24	Coastal morphology explains global blue carbon distributions. *Frontiers in Ecology and the Environment*, **2018**, 16, 503-508	5.5	77
23	Stress in mangrove forests: Early detection and preemptive rehabilitation are essential for future successful worldwide mangrove forest management. *Marine Pollution Bulletin*, **2016**, 109, 764-71	6.7	75
22	Scaling mangrove aboveground biomass from site-level to continental-scale. *Global Ecology and Biogeography*, **2016**, 25, 286-298	6.1	59
21	Sensitivity of mangrove range limits to climate variability. *Global Ecology and Biogeography*, **2018**, 27, 925-935	6.1	44
20	Climate changes in mangrove forests and salt marshes. *Brazilian Journal of Oceanography*, **2016**, 64, 37-52	1.28	40
19	Secondary succession impairment in restored mangroves. *Wetlands Ecology and Management*, **2012**, 20, 447-459	2.1	30
18	Mangrove Forest Restoration and Rehabilitation **2017**, 301-345		27
17	Ecogeomorphology of coastal deltaic floodplains and estuaries in an active delta: Insights from the Atchafalaya Coastal Basin. *Estuarine, Coastal and Shelf Science*, **2019**, 227, 106341	2.9	21
16	Ecosystem-level carbon stocks and sequestration rates in mangroves in the Cananéia-Iguape lagoon estuarine system, southeastern Brazil. *Forest Ecology and Management*, **2021**, 479, 118553	3.9	18
15	Photosynthetic performance of restored and natural mangroves under different environmental constraints. *Environmental Pollution*, **2013**, 181, 233-41	9.3	16
14	Productivity and Carbon Dynamics in Mangrove Wetlands **2017**, 113-162		15
13	Protecting Brazil's coastal wetlands. *Science*, **2012**, 335, 1571-2	33.3	15
12	Spatial variability of mangrove primary productivity in the neotropics. *Ecosphere*, **2019**, 10, e02841	3.1	13
11	Is mangrove planting insufficient for benthic macrofaunal recovery when environmental stress is persistent?. *Ecological Engineering*, **2016**, 95, 290-301	3.9	13
10	Advancing Mangrove Macroecology **2017**, 347-381		9
9	Macroecological patterns of forest structure and allometric scaling in mangrove forests. *Global Ecology and Biogeography*, **2021**, 30, 1000-1013	6.1	9

8	On the impact of the Brazilian Forest Code on mangroves: A comment to Ferreira and Lacerda (2016). *Ocean and Coastal Management*, **2016**, 132, 36-37	3.9	8
7	Carbon mismanagement in Brazil. *Nature Climate Change*, **2012**, 2, 764-764	21.4	8
6	Mangrove Biogeochemistry at Local to Global Scales Using Ecogeomorphic Approaches **2019**, 717-785		8
5	Brazil Native Vegetation Protection Law Jeopardizes Wetland Conservation: A Comment on Maltchik et al.. *Environmental Conservation*, **2019**, 46, 121-123	3.3	6
4	Aboveground biomass distributions and vegetation composition changes in Louisiana's Wax Lake Delta. *Estuarine, Coastal and Shelf Science*, **2021**, 250, 107139	2.9	3
3	Brazilian Mangroves: Blue Carbon Hotspots of National and Global Relevance to Natural Climate Solutions. *Frontiers in Forests and Global Change*, **2022**, 4,	3.7	1
2	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective **2021**, 295-334		1
1	Biomass allocation of tidal freshwater marsh species in response to natural and manipulated hydroperiod in coastal deltaic floodplains. *Estuarine, Coastal and Shelf Science*, **2022**, 268, 107784	2.9	