Eli D Lazarus

List of Publications by Citations

37 papers	867 citations	17 h-index	29 g-index
71 ext. papers	1,084 ext. citations	7.5 avg, IF	4.83 L-index

#	Paper	IF	Citations
37	Sediment supply as a driver of river meandering and floodplain evolution in the Amazon Basin. *Nature Geoscience*, **2014**, 7, 899-903	18.3	166
36	Geomorphology, complexity, and the emerging science of the Earth's surface. *Geomorphology*, **2009**, 103, 496-505	4.3	96
35	Generic theory for channel sinuosity. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 8447-52	11.5	65
34	An evolving research agenda for human–coastal systems. *Geomorphology*, **2016**, 256, 81-90	4.3	54
33	Modification of river meandering by tropical deforestation. *Geology*, **2017**, 45, 511-514	5	46
32	Geomorphic inferences from regolith thickness, chemical denudation and CRN erosion rates near the glacial limit, Boulder Creek catchment and vicinity, Colorado. *Geomorphology*, **2006**, 75, 384-399	4.3	45
31	Emergent behavior in a coupled economic and coastline model for beach nourishment. *Nonlinear Processes in Geophysics*, **2011**, 18, 989-999	2.9	38
30	Indications of a positive feedback between coastal development and beach nourishment. *Earth's Future*, **2016**, 4, 626-635	7.9	28
29	Cumulative versus transient shoreline change: Dependencies on temporal and spatial scale. *Journal of Geophysical Research*, **2011**, 116,		28
28	Land grabbing as a driver of environmental change. *Area*, **2014**, 46, 74-82	1.7	27
27	Masked Shoreline Erosion at Large Spatial Scales as a Collective Effect of Beach Nourishment. *Earth's Future*, **2019**, 7, 74-84	7.9	26
26	An integrated hypothesis for regional patterns of shoreline change along the Northern North Carolina Outer Banks, USA. *Marine Geology*, **2011**, 281, 85-90	3.3	25
25	Defining Coastal Resilience. *Water (Switzerland)*, **2019**, 11, 2587	3	24
24	Strategies for communicating systems models. *Environmental Modelling and Software*, **2014**, 55, 70-76	5.2	22
23	Self-organized pattern formation in coastal barrier washover deposits. *Geology*, **2015**, 43, 363-366	5	18
22	Is There a Bulldozer in your Model?. *Journal of Geophysical Research F: Earth Surface*, **2019**, 124, 696-699	3.8	18
21	Deep waters: Lessons from community meetings about offshore wind resource development in the U.S.. *Marine Policy*, **2015**, 57, 9-17	3.5	17

20	Scaling laws for coastal overwash morphology. *Geophysical Research Letters*, **2016**, 43, 12,113	4.9	17
19	Process signatures in regional patterns of shoreline change on annual to decadal time scales. *Geophysical Research Letters*, **2007**, 34,	4.9	16
18	Pushing the pace of tree species migration. *PLoS ONE*, **2014**, 9, e105380	3.7	15
17	Threshold effects of hazard mitigation in coastal human–environmental systems. *Earth Surface Dynamics*, **2014**, 2, 35-45	3.8	12
16	Barrier Islands as Coupled Human–Landscape Systems **2018**, 363-383		12
15	Building back bigger in hurricane strike zones. *Nature Sustainability*, **2018**, 1, 759-762	22.1	11
14	Large-Scale Patterns in Hurricane-Driven Shoreline Change. *Geophysical Monograph Series*, **2012**, 127-138	1.1	7
13	Environmental signal shredding on sandy coastlines. *Earth Surface Dynamics*, **2019**, 7, 77-86	3.8	6
12	Toward a Global Classification of Coastal Anthromes. *Land*, **2017**, 6, 13	3.5	6
11	Reconstructing patterns of coastal risk in space and time along the US Atlantic coast, 1970–2016. *Natural Hazards and Earth System Sciences*, **2019**, 19, 2497-2511	3.9	4
10	Yachts and marinas as hotspots of coastal risk. *Anthropocene Coasts*, **2021**, 4, 61-76	2.9	4
9	Comparing Patterns of Hurricane Washover into Built and Unbuilt Environments. *Earth's Future*, **2021**, 9, e2020EF001818	7.9	3
8	Correlation Between Shoreline Change and Planform Curvature on Wave-Dominated, Sandy Coasts. *Journal of Geophysical Research F: Earth Surface*, **2019**, 124, 3090-3106	3.8	2
7	The UK needs an open data portal dedicated to coastal flood and erosion hazard risk and resilience		2
6	Dynamic allometry in coastal overwash morphology. *Earth Surface Dynamics*, **2020**, 8, 37-50	3.8	2
5	Mediated Modeling and Participatory Modeling **2019**, 129-135		1
4	Labeling Poststorm Coastal Imagery for Machine Learning: Measurement of Interrater Agreement. *Earth and Space Science*, **2021**, 8, e2021EA001896	3.1	1
3	Can Riparian Forest Buffers Increase Yields From Oil Palm Plantations?. *Earth's Future*, **2018**, 6, 1082-1096	7.9	0

2	The UK needs an open data portal dedicated to coastal flood and erosion hazard risk and resilience. *Anthropocene Coasts*, **2021**, 4, 137-146	2.9	0
1	A conceptual beachhead: Beaches and dunes of human-altered coasts by Karl F. Nordstrom (1994). *Progress in Physical Geography*,030913332110546	3.5	0