Amy E East

List of Publications by Year in descending order

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57 papers	2,250 citations	201385 27 h-index	233125 45 g-index
63 all docs	63 docs citations	63 times ranked	2073 citing authors

#	Article	IF	Citations
1	Dam removal: Listening in. Water Resources Research, 2017, 53, 5229-5246.	1.7	166
2	Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. Geomorphology, 2015, 228, 765-786.	1.1	163
3	Large-scale dam removal on the Elwha River, Washington, USA: Source-to-sink sediment budget and synthesis. Geomorphology, 2015, 246, 729-750.	1.1	131
4	Conceptualizing Ecological Responses to Dam Removal: If You Remove It, What's to Come?. BioScience, 2019, 69, 26-39.	2.2	96
5	Channel evolution on the dammed Elwha River, Washington, USA. Geomorphology, 2011, 127, 71-87.	1.1	82
6	Morphodynamic evolution following sediment release from the worldâ€™s largest dam removal. Scientific Reports, 2018, 8, 13279.	1.6	77
7	Influence of the Atchafalaya River on recent evolution of the chenier-plain inner continental shelf, northern Gulf of Mexico. Continental Shelf Research, 2005, 25, 91-112.	0.9	72
8	Geochemical evolution of arc magmatism during arc-continent collision, South Mayo, Ireland. Geology, 2001, 29, 543.	2.0	71
9	A general model of arc-continent collision and subduction polarity reversal from Taiwan and the Irish Caledonides. Geological Society Special Publication, 2003, 219, 81-98.	0.8	68
10	Sedimentation processes in a coral reef embayment: Hanalei Bay, Kauai. Marine Geology, 2009, 264, 140-151.	0.9	68
11	Geomorphic and Sedimentary Effects of Modern Climate Change: Current and Anticipated Future Conditions in the Western United States. Reviews of Geophysics, 2020, 58, e2019RG000692.	9.0	68
12	Subduction erosion of the Jurassic Talkeetna-Bonanza arc and the Mesozoic accretionary tectonics of western North America. Geology, 2005, 33, 881.	2.0	67
13	Stratigraphic and geochemical evolution of an oceanic arc upper crustal section: The Jurassic Talkeetna Volcanic Formation, south-central Alaska. Bulletin of the Geological Society of America, 2005, 117, 902.	1.6	66
14	Differential preservation in the geologic record of intraoceanic arc sedimentary and tectonic processes. Earth-Science Reviews, 2013, 116, 57-84.	4.0	66
15	Geomorphic Evolution of a Gravelâ€Bed River Under Sedimentâ€Starved Versus Sedimentâ€Rich Conditions: River Response to the World's Largest Dam Removal. Journal of Geophysical Research F: Earth Surface, 2018, 123, 3338-3369.	1.0	66
16	Arcâ€“continent collision and the formation of continental crust: a new geochemical and isotopic record from the Ordovician Tyrone Igneous Complex, Ireland. Journal of the Geological Society, 2009, 166, 485-500.	0.9	63
17	Geochemical evolution of the Dras-Kohistan Arc during collision with Eurasia: Evidence from the Ladakh Himalaya, India. Island Arc, 2002, 11, 255-273.	0.5	57
18	A model for continental crust genesis by arc accretion: rare earth element evidence from the Irish Caledonides. Earth and Planetary Science Letters, 2002, 203, 861-877.	1.8	52

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19	Coastal mudflat accretion under energetic conditions, Louisiana chenier-plain coast, USA. Marine Geology, 2005, 214, 27-47.	0.9	51
20	Laurentian crustal recycling in the Ordovician Grampian Orogeny: Nd isotopic evidence from western Ireland. Geological Magazine, 2004, 141, 195-207.	0.9	46
21	Fluvialâ€“Eolian Interactions In Sediment Routing and Sedimentary Signal Buffering: An Example From the Indus Basin and Thar Desert. Journal of Sedimentary Research, 2015, 85, 715-728.	0.8	40
22	A regime shift in sediment export from a coastal watershed during a record wet winter, California: Implications for landscape response to hydroclimatic extremes. Earth Surface Processes and Landforms, 2018, 43, 2562-2577.	1.2	36
23	Tracing the evolving flux from the subducting plate in the Tonga-Kermadec arc system using boron in volcanic glass. Geochimica Et Cosmochimica Acta, 2001, 65, 3347-3364.	1.6	34
24	Gully annealing by aeolian sediment: field and remote-sensing investigation of aeolianâ€“hillslopeâ€“fluvial interactions, Colorado River corridor, Arizona, USA. Geomorphology, 2014, 220, 68-80.	1.1	34
25	Rapid tectonic exhumation, detachment faulting and orogenic collapse in the Caledonides of western Ireland. Tectonophysics, 2004, 384, 91-113.	0.9	33
26	Sedimentary Processes in Modern and Ancient Oceanic Arc Settings: Evidence from the Jurassic Talkeetna Formation of Alaska and the Mariana and Tonga Arcs, Western Pacific. Journal of Sedimentary Research, 2006, 76, 493-514.	0.8	33
27	Detrital Uâ€“Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonides. Tectonophysics, 2009, 479, 165-174.	0.9	28
28	Reprint of: Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. Geomorphology, 2015, 246, 687-708.	1.1	28
29	Channelâ€planform evolution in four rivers of Olympic National Park, Washington, USA: the roles of physical drivers and trophic cascades. Earth Surface Processes and Landforms, 2017, 42, 1011-1032.	1.2	27
30	Application of sedimentary-structure interpretation to geoarchaeological investigations in the Colorado River Corridor, Grand Canyon, Arizona, USA. Geomorphology, 2008, 101, 497-509.	1.1	23
31	Supply and dispersal of flood sediment from a steep, tropical watershed: Hanalei Bay, Kauaâ€™i, Hawaiâ€™i, USA. Bulletin of the Geological Society of America, 2009, 121, 574-585.	1.6	23
32	The response of source-bordering aeolian dunefields to sediment-supply changes 1: Effects of wind variability and river-valley morphodynamics. Aeolian Research, 2018, 32, 228-245.	1.1	23
33	The response of source-bordering aeolian dunefields to sediment-supply changes 2: Controlled floods of the Colorado River in Grand Canyon, Arizona, USA. Aeolian Research, 2018, 32, 154-169.	1.1	21
34	Fire (plus) flood (equals) beach: coastal response to an exceptional river sediment discharge event. Scientific Reports, 2022, 12, 3848.	1.6	21
35	Short-term variability of 7Be atmospheric deposition and watershed response in a Pacific coastal stream, Monterey Bay, California, USA. Journal of Environmental Radioactivity, 2013, 120, 94-103.	0.9	19
36	The origin and significance of the Delaney Dome Formation, Connemara, Ireland. Journal of the Geological Society, 2002, 159, 95-103.	0.9	18

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37	River response to largeâ€dam removal in a Mediterranean hydroclimatic setting: Carmel River, California, USA. Earth Surface Processes and Landforms, 2018, 43, 3009-3021.	1.2	18
38	Late Pleistocene to Holocene sedimentation and hydrocarbon seeps on the continental shelf of a steep, tectonically active margin, southern California, USA. Marine Geophysical Researches, 2009, 30, 193-206.	0.5	17
39	Flooding duration and volume more important than peak discharge in explaining 18â€‰years of gravelâ€“cobble river change. Earth Surface Processes and Landforms, 2021, 46, 3194-3212.	1.2	16
40	Linking Mesoscale Meteorology With Extreme Landscape Response: Effects of Narrow Cold Frontal Rainbands (NCFR). Journal of Geophysical Research F: Earth Surface, 2020, 125, e2020JF005675.	1.0	13
41	Slope failure and mass transport processes along the Queen Charlotte Fault, southeastern Alaska. Geological Society Special Publication, 2019, 477, 69-83.	0.8	12
42	Quantifying and forecasting changes in the areal extent of river valley sediment in response to altered hydrology and land cover. Progress in Physical Geography, 2018, 42, 739-764.	1.4	10
43	Watershed Sediment Yield Following the 2018 Carr Fire, Whiskeytown National Recreation Area, Northern California. Earth and Space Science, 2021, 8, e2021EA001828.	1.1	10
44	A Closer Look at an Undersea Source of Alaskan Earthquakes. Eos, 2017, 98, .	0.1	9
45	21st-century stagnation in unvegetated sand-sea activity. Nature Communications, 2022, 13, .	5.8	9
46	Slope failure and mass transport processes along the Queen Charlotte Fault Zone, western British Columbia. Geological Society Special Publication, 2019, 477, 85-106.	0.8	6
47	Geoscientists, Who Have Documented the Rapid and Accelerating Climate Crisis for Decades, Are Now Pleading for Immediate Collective Action. Geophysical Research Letters, 2021, 48, e2021GL096644.	1.5	3
48	Comment on â€œGeochemistry of buried river sediments from Ghaggar Plains, NW India: Multi-proxy records of variations in provenance, paleoclimate, and paleovegetation patterns in the late quaternaryâ€•by Ajit Singh, Debajyoti Paul, Rajiv Sinha, Kristina J. Thomsen, Sanjeev Gupta. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 455, 65-67.	1.0	2
49	Reply to â€˜Wolfâ€triggered trophic cascades and stream channel dynamics in Olympic National Park: a comment on East et al. (2017)â€™ by Robert Beschta and William Ripple. Earth Surface Processes and Landforms, 2018, 43, 936-939.	1.2	1
50	Commentary: Variability in Shelf Sedimentation in Response to Fluvial Sediment Supply and Coastal Erosion Over the Past 1,000 Years in Monterey Bay, CA, United States. Frontiers in Earth Science, 2019, 7, .	0.8	1
51	Strategic Plan for the Journal of Geophysical Researchâ€”Earth Surface. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	1.0	1
52	Thank You to Our 2021 Reviewers, and a New Coâ€Reviewing Protocol. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	1.0	1
53	Reply to Comment on â€œDetrital Uâ€“Pb zircon dating of lower Ordovician syn-arcâ€“continent collision conglomerates in the Irish Caledonidesâ€•by Peter D. Clift, Andrew Carter, Amy E. Draut, Hoang Van Long, David M. Chew, Hans A. Schouten, Tectonophysics 479 (2009), 165â€“174 (doi:10.1016/j.tecto.2008.07.018). Tectonophysics, 2010, 490, 138-139.	0.9	0
54	Thank You to Our 2018 Peer Reviewers. Journal of Geophysical Research F: Earth Surface, 2019, 124, 868-873.	1.0	0

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55	Thank You to Our 2019 Reviewers. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2020JF005650.	1.0	0
56	Thank You to Our 2020 Reviewers. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006154.	1.0	0
57	Plain Language Summaries to be Required for Submission to Journal of Geophysical Research: Earth Surface. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006323.	1.0	0