

# Kam-biu Liu

## List of Publications by Year in descending order

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139  
papers

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| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Late Glacial Stage and Holocene Tropical Ice Core Records from Huascaran, Peru. <i>Science</i> , 1995, 269, 46-50.   | 6.0  | 772       |
| 2  | Earliest domestication of common millet ( <i>Panicum miliaceum</i> ) in East Asia extended to 10,000 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7367-7372. | 3.3  | 614       |
| 3  | Palaeovegetation of China: a pollen data-based synthesis for the mid-Holocene and last glacial maximum. <i>Journal of Biogeography</i> , 2000, 27, 635-664.  | 1.4  | 382       |
| 4  | Reconstruction of Prehistoric Landfall Frequencies of Catastrophic Hurricanes in Northwestern Florida from Lake Sediment Records. <i>Quaternary Research</i> , 2000, 54, 238-245.  | 1.0  | 341       |
| 5  | Wetland Accretion Rates Along Coastal Louisiana: Spatial and Temporal Variability in Light of Hurricane Isaac's Impacts. <i>Water (Switzerland)</i> , 2016, 8, 1.  | 1.2  | 331       |
| 6  | Past and future global transformation of terrestrial ecosystems under climate change. <i>Science</i> , 2018, 361, 920-923.   | 6.0  | 307       |
| 7  | Lake-sediment record of late Holocene hurricane activities from coastal Alabama. <i>Geology</i> , 1993, 21, 793.   | 2.0  | 291       |
| 8  | Examining the ENSO-typhoon hypothesis. <i>Climate Research</i> , 2003, 25, 43-54.  | 0.4  | 219       |
| 9  | Forest changes in the Amazon Basin during the last glacial maximum. <i>Nature</i> , 1985, 318, 556-557.  | 13.7 | 217       |
| 10 | Late Pleistocene Temperature Depression and Vegetation Change in Ecuadorian Amazonia. <i>Quaternary Research</i> , 1990, 34, 330-345.  | 1.0  | 216       |
| 11 | Phytoliths as quantitative indicators for the reconstruction of past environmental conditions in China I: phytolith-based transfer functions. <i>Quaternary Science Reviews</i> , 2006, 25, 945-959.                           | 1.4  | 203       |
| 12 | Holocene variations in the Asian monsoon inferred from the geochemistry of lake sediments in central Tibet. <i>Quaternary Research</i> , 2006, 65, 232-243.  | 1.0  | 199       |
| 13 | A pollen record of Holocene climatic changes from the Dundee ice cap, Qinghai-Tibetan Plateau. <i>Geology</i> , 1998, 26, 135.   | 2.0  | 197       |
| 14 | Phytoliths as quantitative indicators for the reconstruction of past environmental conditions in China II: palaeoenvironmental reconstruction in the Loess Plateau. <i>Quaternary Science Reviews</i> , 2007, 26, 759-772.     | 1.4  | 191       |
| 15 | Phytoliths Analysis for the Discrimination of Foxtail Millet ( <i>Setaria italica</i> ) and Common Millet ( <i>Panicum miliaceum</i> ). <i>PLoS ONE</i> , 2009, 4, e4448.  | 1.1  | 190       |
| 16 | Quantitative relationships between modern pollen rain and climate in the Tibetan Plateau. <i>Review of Palaeobotany and Palynology</i> , 2006, 140, 61-77.   | 0.8  | 181       |
| 17 | Modern pollen distributions in Qinghai-Tibetan Plateau and the development of transfer functions for reconstructing Holocene environmental changes. <i>Quaternary Science Reviews</i> , 2011, 30, 947-966.                     | 1.4  | 173       |
| 18 | Millet noodles in Late Neolithic China. <i>Nature</i> , 2005, 437, 967-968.  | 13.7 | 171       |

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|----|--|------|-----------|
| 19 | Spatial Variations in Major U.S. Hurricane Activity: Statistics and a Physical Mechanism. <i>Journal of Climate</i> , 2000, 13, 2293-2305.   | 1.2  | 156       |
| 20 | A 1,000-Year History of Typhoon Landfalls in Guangdong, Southern China, Reconstructed from Chinese Historical Documentary Records. <i>Annals of the American Association of Geographers</i> , 2001, 91, 453-464. | 3.0  | 148       |
| 21 | Holocene Paleoeecology of the Boreal Forest and Great Lakes's Lawrence Forest in Northern Ontario. <i>Ecological Monographs</i> , 1990, 60, 179-212.   | 2.4  | 134       |
| 22 | Quaternary history of the temperate forests of China. <i>Quaternary Science Reviews</i> , 1988, 7, 1-20.   | 1.4  | 132       |
| 23 | Environmental Change in the Yangtze River Delta Since 12,000 Years B.P.. <i>Quaternary Research</i> , 1992, 38, 32-45.   | 1.0  | 128       |
| 24 | Phytoliths of common grasses in the coastal environments of southeastern USA. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 58, 587-600.   | 0.9  | 120       |
| 25 | Temperature depression in the lowland tropics in glacial times. <i>Climatic Change</i> , 1996, 32, 19-33.  | 1.7  | 118       |
| 26 | Morphological variations of lobate phytoliths from grasses in China and the south-eastern United States. <i>Diversity and Distributions</i> , 2002, 9, 73-87.  | 1.9  | 115       |
| 27 | Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019, 10, 2376.  | 5.8  | 112       |
| 28 | Pre-Incan agricultural activity recorded in dust layers in two tropical ice cores. <i>Nature</i> , 1988, 336, 763-765.   | 13.7 | 105       |
| 29 | Late Quaternary paleoenvironmental changes in East Africa: a review of multiproxy evidence from palynology, lake sediments, and associated records. <i>Progress in Physical Geography</i> , 2006, 30, 633-658.   | 1.4  | 104       |
| 30 | A 1200-year proxy record of hurricanes and fires from the Gulf of Mexico coast: Testing the hypothesis of hurricane-fire interactions. <i>Quaternary Research</i> , 2008, 69, 29-41.                             | 1.0  | 100       |
| 31 | A survey of modern pollen and vegetation along a south-north transect in Mongolia. <i>Journal of Biogeography</i> , 2008, 35, 1512-1532.   | 1.4  | 99        |
| 32 | Paleovegetational Reconstruction Based on Modern and Fossil Pollen Data: An Application of Discriminant Analysis. <i>Annals of the American Association of Geographers</i> , 1985, 75, 115-130.                  | 3.0  | 91        |
| 33 | A 5200-Year History of Amazon Rain Forest. <i>Journal of Biogeography</i> , 1988, 15, 231.   | 1.4  | 85        |
| 34 | ECOTONE SHIFT AND MAJOR DROUGHTS DURING THE MID-LATE HOLOCENE IN THE CENTRAL TIBETAN PLATEAU. <i>Ecology</i> , 2008, 89, 1079-1088.  | 1.5  | 74        |
| 35 | Ice-Core Pollen Record of Climatic Changes in the Central Andes during the last 400 yr. <i>Quaternary Research</i> , 2005, 64, 272-278.  | 1.0  | 71        |
| 36 | Holocene vegetation variations and the associated environmental changes in the western part of the Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 440-456.         | 1.0  | 67        |

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|----|--|------|-----------|
| 37 | Palynological evidence of climate change and land degradation in the Lake Baringo area, Kenya, East Africa, since AD 1650. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 279, 60-72.                          | 1.0  | 67        |
| 38 | Discovery of permanent Amazon lakes and hydraulic disturbance in the upper Amazon Basin. <i>Nature</i> , 1985, 313, 42-45.   | 13.7 | 62        |
| 39 | A prolonged dry mid-Holocene climate revealed by pollen and diatom records from Lake Uggii Nuur in central Mongolia. <i>Quaternary International</i> , 2011, 229, 74-83.   | 0.7  | 62        |
| 40 | A modern pollen rain study from the central Andes region of South America. <i>Journal of Biogeography</i> , 2005, 32, 709-718.   | 1.4  | 56        |
| 41 | Holocene vegetation dynamics in response to climate change and human activities derived from pollen and charcoal records from southeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 644-660. | 1.0  | 56        |
| 42 | Perspective: coordinating paleoclimate research on tropical cyclones with hurricane-climate theory and modelling. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007, 59, 529-537.                             | 0.8  | 54        |
| 43 | Comparison of Hurricane Return Levels Using Historical and Geological Records. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 368-374.  | 0.6  | 53        |
| 44 | Mapping and assessing coastal resilience in the Caribbean region. <i>Cartography and Geographic Information Science</i> , 2015, 42, 315-322.   | 1.4  | 53        |
| 45 | Persistent northward North Atlantic tropical cyclone track migration over the past five centuries. <i>Scientific Reports</i> , 2016, 6, 37522.   | 1.6  | 53        |
| 46 | Late-glacial and holocene pollen diagrams from two endorheic lakes of the inter-andean plateau of Ecuador. <i>Review of Palaeobotany and Palynology</i> , 1988, 55, 83-99.   | 0.8  | 52        |
| 47 | Three pollen diagrams of forest disturbance in the western Amazon basin. <i>Review of Palaeobotany and Palynology</i> , 1988, 55, 73-81.   | 0.8  | 50        |
| 48 | Pollen in the lower Mississippi River. <i>Review of Palaeobotany and Palynology</i> , 1990, 64, 253-261.   | 0.8  | 50        |
| 49 | Dynamics of marsh-mangrove ecotone since the mid-Holocene: A palynological study of mangrove encroachment and sea level rise in the Shark River Estuary, Florida. <i>PLoS ONE</i> , 2017, 12, e0173670.                          | 1.1  | 49        |
| 50 | A 7000 year record of paleohurricane activity from a coastal wetland in Belize. <i>Holocene</i> , 2013, 23, 278-291.   | 0.9  | 47        |
| 51 | Tropical Cyclone Impacts on Coastal Regions: the Case of the Yucatán and the Baja California Peninsulas, Mexico. <i>Estuaries and Coasts</i> , 2014, 37, 1388-1402.  | 1.0  | 46        |
| 52 | Use of Space-Filling Curves in Generating a National Rural Sampling Frame for HIV/AIDS Research. <i>Professional Geographer</i> , 1996, 48, 321-332.   | 1.0  | 45        |
| 53 | Phytolith assemblages as indicators of coastal environmental changes and hurricane overwash deposition. <i>Holocene</i> , 2005, 15, 965-972.   | 0.9  | 44        |
| 54 | Vegetation variations and associated environmental changes during marine isotope stage 3 in the western part of the Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 246, 278-291.        | 1.0  | 44        |

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|----|---|-----|-----------|
| 55 | Eolian environmental changes in the Northern Mongolian Plateau during the past ~435,000Âyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 245, 505-517.                                    | 1.0 | 43        |
| 56 | Palynological reconstruction of environmental changes in coastal wetlands of the Florida Everglades since the mid-Holocene. <i>Quaternary Research</i> , 2015, 83, 449-458.                                   | 1.0 | 43        |
| 57 | Uncovering Prehistoric Hurricane Activity. <i>American Scientist</i> , 2007, 95, 126.   | 0.1 | 41        |
| 58 | Pollen-inferred vegetation and environmental changes in the central Tibetan Plateau since 8200 yr BP. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1104-1114.                                 | 0.9 | 37        |
| 59 | Spatialâ€Temporal Spread of the AIDS Epidemic, 1982â€“1990: A Correlogram Analysis of Four Regions of the United States. <i>Geographical Analysis</i> , 1996, 28, 93-107.                                     | 1.9 | 34        |
| 60 | Numerical modeling and field evidence of coastal overwash in southern New England from Hurricane Bob and implications for paleotempestology. <i>Journal of Geophysical Research</i> , 2007, 112, .            | 3.3 | 33        |
| 61 | A sedimentary-based history of hurricane strikes on the southern Caribbean coast of Nicaragua. <i>Quaternary Research</i> , 2012, 78, 454-464.  | 1.0 | 33        |
| 62 | Numerical Analysis of Modern and Fossil Pollen Data from the Tibetan Plateau. <i>Annals of the American Association of Geographers</i> , 2008, 98, 755-772.   | 3.0 | 30        |
| 63 | Assessment of vulnerability and adaptive capacity to coastal hazards in the Caribbean Region. <i>Journal of Coastal Research</i> , 2014, 70, 473-478.   | 0.1 | 30        |
| 64 | Model estimates hurricane wind speed probabilities. <i>Eos</i> , 2000, 81, 433.   | 0.1 | 28        |
| 65 | Earliest historical records of typhoons in China. <i>Journal of Historical Geography</i> , 2003, 29, 299-316.   | 0.3 | 27        |
| 66 | Variations in typhoon landfalls over China. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 665-677.  | 1.9 | 27        |
| 67 | Hurricane Isaac storm surge deposition in a coastal wetland along Lake Pontchartrain, southern Louisiana. <i>Journal of Coastal Research</i> , 2014, 70, 266-271.   | 0.1 | 27        |
| 68 | Perspectives on the linkage between typhoon activity and global warming from recent research advances in paleotempestology. <i>Science Bulletin</i> , 2008, 53, 2907-2922.                                    | 4.3 | 26        |
| 69 | Multi-proxy Characterization of Hurricanes Rita and Ike Storm Deposits in the Rockefeller Wildlife Refuge, Southwestern Louisiana. <i>Journal of Coastal Research</i> , 2018, 85, 841-845.                    | 0.1 | 25        |
| 70 | The effect of global warming on the establishment of mangroves in coastal Louisiana during the Holocene. <i>Geomorphology</i> , 2021, 381, 107648.  | 1.1 | 24        |
| 71 | Late-Holocene Pollen Records of Vegetational Changes in China:Climate or Human Disturbance ?. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 1994, 5, 393.  | 0.3 | 24        |
| 72 | The primacy of multidecadal to centennial variability over late-Holocene forced change of the Asian Monsoon on the southern Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2017, 458, 337-348. | 1.8 | 23        |

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|----|---|-----|-----------|
| 73 | Vegetation changes and associated climate variations during the past ~38,000 years reconstructed from the Shaamar eolian-paleosol section, northern Mongolia. <i>Quaternary International</i> , 2013, 311, 25-35.   | 0.7 | 22        |
| 74 | Storm deposition induced by hurricanes in a rapidly subsiding coastal zone. <i>Journal of Coastal Research</i> , 2014, 70, 308-313.   | 0.1 | 22        |
| 75 | Understanding the Mississippi River Delta as a Coupled Natural-Human System: Research Methods, Challenges, and Prospects. <i>Water (Switzerland)</i> , 2018, 10, 1054.  | 1.2 | 22        |
| 76 | Maize Pollen of 3500 B.P. from Southern Alabama. <i>American Antiquity</i> , 1995, 60, 109-117.   | 0.6 | 21        |
| 77 | Pollen Dispersal and Deposition on the Quelccaya Ice Cap, Peru. <i>Physical Geography</i> , 2002, 23, 44-58.  | 0.6 | 21        |
| 78 | Pollen spore distribution in the surface sediments of the western Bohai Sea, China. <i>Quaternary International</i> , 2016, 392, 213-223.   | 0.7 | 21        |
| 79 | A potential pollen proxy for ENSO derived from the Sajama ice core. <i>Geophysical Research Letters</i> , 2007, 34, .   | 1.5 | 20        |
| 80 | Investigation of peat sediments from Daiyun Mountain in southeast China: late Holocene vegetation, climate and human impact. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 359-373.   | 1.0 | 20        |
| 81 | Track Patterns of Landfalling and Coastal Tropical Cyclones in the Atlantic Basin, Their Relationship with the North Atlantic Oscillation (NAO), and the Potential Effect of Global Warming. <i>American Journal of Climate Change</i> , 2013, 02, 12-22. | 0.5 | 20        |
| 82 | How Could a Freshwater Swamp Produce a Chemical Signature Characteristic of a Saltmarsh?. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 9-20.   | 1.2 | 19        |
| 83 | Lake Sediment Evidence of Coastal Geologic Evolution and Hurricane History from Western Lake, Florida: Reply to Otvos. <i>Quaternary Research</i> , 2002, 57, 429-431.  | 1.0 | 17        |
| 84 | Interannual Variability in Pollen Dispersal and Deposition on the Tropical Quelccaya Ice Cap. <i>Professional Geographer</i> , 2005, 57, 185-197.   | 1.0 | 17        |
| 85 | Sedimentary History of Mangrove Cays in Turneffe Islands, Belize: Evidence for Sudden Environmental Reversals. <i>Journal of Coastal Research</i> , 2013, 289, 971-983.   | 0.1 | 17        |
| 86 | Effects of Beach Nourishment Project on Coastal Geomorphology and Mangrove Dynamics in Southern Louisiana, USA. <i>Remote Sensing</i> , 2021, 13, 2688.   | 1.8 | 17        |
| 87 | Pollen Dispersal and Deposition on the Ice Cap of Volcán Parinacota, Southwestern Bolivia. <i>Arctic, Antarctic, and Alpine Research</i> , 2003, 35, 469-474.   | 0.4 | 16        |
| 88 | A Geochemical Record of Late Holocene Hurricane Events From the Florida Everglades. <i>Water Resources Research</i> , 2020, 56, e2019WR026857.  | 1.7 | 16        |
| 89 | Re-Evaluating the Geological Evidence for Late Holocene Marine Incursion Events along the Guerrero Seismic Gap on the Pacific Coast of Mexico. <i>PLoS ONE</i> , 2016, 11, e0161568.  | 1.1 | 16        |
| 90 | Geological and Sedimentological Evidence of a Large Tsunami Occurring ~1100 Year BP from a Small Coastal Lake along the Bay of La Paz in Baja California Sur, Mexico. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 1544-1567.              | 1.2 | 15        |

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|-----|--|-----|-----------|
| 91  | Hurricane Harvey Storm Sedimentation in the San Bernard National Wildlife Refuge, Texas: Fluvial Versus Storm Surge Deposition. <i>Estuaries and Coasts</i> , 2020, 43, 971-983.   | 1.0 | 15        |
| 92  | Some fundamental misconceptions about paleotempestology. <i>Quaternary Research</i> , 2009, 71, 253-254.   | 1.0 | 14        |
| 93  | Palynological and Geochemical Records of Environmental Changes in a Taxodium Swamp near Lake Pontchartrain in Southern Louisiana (USA) during the Last 150 Years. <i>Journal of Coastal Research</i> , 2018, 85, 381-385.  | 0.1 | 14        |
| 94  | Changes in Modern Pollen Assemblages and Soil Geochemistry along Coastal Environmental Gradients in the Everglades of South Florida. <i>Frontiers in Ecology and Evolution</i> , 2018, 5, .  | 1.1 | 14        |
| 95  | Paleoenvironmental Changes in the Lake Baringo Basin, Kenya, East Africa Since AD 1650: Evidence from the Paleorecord—. <i>Professional Geographer</i> , 2009, 61, 438-458.  | 1.0 | 13        |
| 96  | Distribution and provenance of modern pollen and spores in the surface sediments of Liaodong Bay, China. <i>Marine Geology</i> , 2016, 376, 1-14.  | 0.9 | 13        |
| 97  | Assessing pollen distribution patterns and provenance based on palynological investigation on surface sediments from Laizhou Bay, China: an aid to palaeoecological interpretation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 209-220. | 1.0 | 13        |
| 98  | A 5200-year paleoecological and geochemical record of coastal environmental changes and shoreline fluctuations in southwestern Louisiana: Implications for coastal sustainability. <i>Geomorphology</i> , 2020, 365, 107284.                                       | 1.1 | 13        |
| 99  | Modern Pollen Rain in the Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .  | 0.8 | 13        |
| 100 | Verification of tropical cyclone deposits with oxygen isotope analyses of coeval ostracod valves. <i>Journal of Paleolimnology</i> , 2017, 57, 245-255.  | 0.8 | 12        |
| 101 | Historical flooding regime along the Amur River and its links to East Asia summer monsoon circulation. <i>Geomorphology</i> , 2021, 388, 107782.   | 1.1 | 12        |
| 102 | Diatom Evidence of a Paleohurricane-Induced Coastal Flooding Event in Weeks Bay, Alabama, USA. <i>Journal of Coastal Research</i> , 2019, 35, 499.   | 0.1 | 12        |
| 103 | Mangrove expansion at poleward range limits in North and South America: Late-Holocene climate variability or anthropocene global warming?. <i>Catena</i> , 2022, 216, 106413.  | 2.2 | 12        |
| 104 | Tropical Storm Gamma and the Mosquitia of eastern Honduras: a little-known story from the 2005 hurricane season. <i>Area</i> , 2009, 41, 425-434.  | 1.0 | 11        |
| 105 | A 7000-year history of coastal environmental changes from Mexico's Pacific coast: A multi-proxy record from Laguna Mitla, Guerrero. <i>Holocene</i> , 2017, 27, 1214-1226.   | 0.9 | 11        |
| 106 | A multi-proxy record of hurricanes, tsunamis, and post-disturbance ecosystem changes from coastal southern Baja California. <i>Science of the Total Environment</i> , 2021, 796, 149011.   | 3.9 | 11        |
| 107 | The Late-Quaternary Climate of the Western Amazon Basin. , 1987, , 113-122.  |     | 10        |
| 108 | Dust and temperature influences on glaciofluvial sediment deposition in southwestern Tibet during the last millennium. <i>Global and Planetary Change</i> , 2013, 107, 132-144.  | 1.6 | 10        |

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|-----|---|-----|-----------|
| 109 | The mid-Holocene decline of the East Asian summer monsoon indicated by a lake-to-wetland transition in the Sanjiang Plain, Northeast China. <i>Holocene</i> , 2018, 28, 246-253.  | 0.9 | 10        |
| 110 | Hurricanes as a Major Driver of Coastal Erosion in the Mississippi River Delta: A Multi-Decadal Analysis of Shoreline Retreat Rates at Bay Champagne, Louisiana (USA). <i>Water (Switzerland)</i> , 2018, 10, 1480.                               | 1.2 | 10        |
| 111 | Identifying forcing agents of environmental change and ecological response on the Mississippi River Delta, Southeastern Louisiana. <i>Science of the Total Environment</i> , 2021, 794, 148730.   | 3.9 | 10        |
| 112 | Linking hurricane landfalls, precipitation variability, fires, and vegetation response over the past millennium from analysis of coastal lagoon sediments, southwestern Dominican Republic. <i>Journal of Paleolimnology</i> , 2017, 58, 135-150. | 0.8 | 9         |
| 113 | The Effects of Tropical Cyclone-Generated Deposition on the Sustainability of the Pearl River Marsh, Louisiana: The Importance of the Geologic Framework. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .                                  | 1.1 | 9         |
| 114 | Assessing Resilience and Sustainability of the Mississippi River Delta as a Coupled Natural-Human System. <i>Water (Switzerland)</i> , 2018, 10, 1317.  | 1.2 | 9         |
| 115 | Potential pollen evidence for the 1933 M 7.5 Diexi earthquake and implications for post-seismic landscape recovery. <i>Environmental Research Letters</i> , 2020, 15, 094043.   | 2.2 | 9         |
| 116 | Effects of the 2017â€“2018 winter freeze on the northern limit of the American mangroves, Mississippi River delta plain. <i>Geomorphology</i> , 2021, , 107968.   | 1.1 | 9         |
| 117 | Sedimentary records of microplastic pollution from coastal Louisiana and their environmental implications. <i>Journal of Coastal Conservation</i> , 2022, 26, 1.  | 0.7 | 9         |
| 118 | Nature versus Humans in Coastal Environmental Change: Assessing the Impacts of Hurricanes Zeta and Ida in the Context of Beach Nourishment Projects in the Mississippi River Delta. <i>Remote Sensing</i> , 2022, 14, 2598.                       | 1.8 | 9         |
| 119 | Citation of research in journals of interest to applied geographers. <i>Applied Geography</i> , 2008, 28, 151-167.  | 1.7 | 8         |
| 120 | A multi-proxy quantitative record of Holocene hydrological regime on the Heixiazi Island (NE China): indications for the evolution of East Asian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 6773-6786.                                   | 1.7 | 8         |
| 121 | Paleotempestology: Geographic Solutions to Hurricane Hazard Assessment and Risk Prediction. , 2004, , 443-448.  |     | 8         |
| 122 | Pollen records and time scale for the RM core of the Zoige Basin, northeastern Qinghai-Tibetan Plateau. <i>Science Bulletin</i> , 2005, 50, 553-562.  | 1.7 | 7         |
| 123 | Contrasting Hurricane Ike washover sedimentation and Hurricane Harvey flood sedimentation in a Southeastern Texas coastal marsh. <i>Marine Geology</i> , 2019, 417, 106011.   | 0.9 | 7         |
| 124 | Temporal variability in the relative strength of external drivers controlling ecosystem succession in a coastal wetland near Bayou Lafourche, southeast Louisiana, USA. <i>Quaternary Science Reviews</i> , 2022, 276, 107292.                    | 1.4 | 7         |
| 125 | Identification of Maize Pollen: Reply to Eubanks. <i>American Antiquity</i> , 1997, 62, 146-148.  | 0.6 | 6         |
| 126 | Hydrological regime responses to Holocene East Asian summer monsoon circulation in marshes of the Sanjiang Plain, NE China. <i>Land Degradation and Development</i> , 2020, 31, 240-250.  | 1.8 | 6         |



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|-----|--|-----|-----------|
| 127 | Differentiating hurricane deposits in coastal sedimentary records: two storms, one layer, but different processes. <i>Environmental Research Communications</i> , 2021, 3, 101001.                                       | 0.9 | 6         |
| 128 | Poleward Shift in Tropical Cyclone Tracks in the Northwest Pacific During Warm Periods: Past and Future. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004367.   | 1.3 | 6         |
| 129 | Environmental History of Mangrove Vegetation in Pacific West-Central Mexico during the Last 1300 Years. <i>Frontiers in Ecology and Evolution</i> , 0, 4, .  | 1.1 | 5         |
| 130 | Holocene environmental history of a freshwater wetland in southern Louisiana: a sedimentary record of delta development, coastal evolution and human activity. <i>Journal of Quaternary Science</i> , 2021, 36, 980-990. | 1.1 | 5         |
| 131 | Testing XRF identification of marine washover sediment beds in a Coastal Lake in Southeastern Texas, USA. <i>Marine Geology</i> , 2022, 443, 106705.   | 0.9 | 5         |
| 132 | A 4000-year paleoenvironmental reconstruction and extreme event record from Laguna Nuxco, Guerrero, Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 594, 110933.                                | 1.0 | 5         |
| 133 | Linking backbarrier lacustrine stratigraphy with spatial dynamics of shoreline retreat in a rapidly subsiding region of the Mississippi River Delta. <i>Geomorphology</i> , 2022, 397, 108008.                           | 1.1 | 4         |
| 134 | A Late-Holocene palynological record of coastal ecological change and climate variability from Apalachicola, Florida, U.S.A. <i>Climate Change Ecology</i> , 2022, 3, 100056.  | 0.9 | 3         |
| 135 | Testing XRF Discrimination of Marine and Terrestrial Flood Deposits in Southeastern Texas Coastal Marshes. <i>Journal of Coastal Research</i> , 2021, 37, .  | 0.1 | 2         |
| 136 | The use of multivariate PCA dataset in identifying the underlying drivers of critical stressors, looking at global problems through a local lens. <i>Data in Brief</i> , 2022, 41, 107946.                               | 0.5 | 2         |
| 137 | Collaboration Across Boundaries: Reflections on Studying the Sustainability of the Mississippi River Delta as a Coupled Natural-Human System. , 2019, , 361-393.   |     | 0         |
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| 139 | Scale effects on land loss modeling in the Mississippi River Delta. <i>Abstracts of the ICA</i> , 0, 1, 1-1.   | 0.0 | 0         |