

# Mary Elliot

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,131  
citations

361413

20  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2603  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Changes in North Atlantic deep-water formation associated with the Dansgaard-Oeschger temperature oscillations (60–10ka). <i>Quaternary Science Reviews</i> , 2002, 21, 1153-1165.  | 3.0  | 249       |
| 2  | The North Atlantic's 1–2 kyr climate rhythm: Relation to Heinrich events, Dansgaard/Oeschger cycles and the Little Ice Age. <i>Geophysical Monograph Series</i> , 1999, , 35-58.  | 0.1  | 241       |
| 3  | Millennial-scale iceberg discharges in the Irminger Basin during the Last Glacial Period: Relationship with the Heinrich events and environmental settings. <i>Paleoceanography</i> , 1998, 13, 433-446.                                    | 3.0  | 235       |
| 4  | Changes in sea surface hydrology associated with Heinrich event 4 in the North Atlantic Ocean between 40° and 60°N. <i>Earth and Planetary Science Letters</i> , 1997, 146, 29-45.  | 4.4  | 178       |
| 5  | Coastal staircase sequences reflecting sea-level oscillations and tectonic uplift during the Quaternary and Neogene. <i>Earth-Science Reviews</i> , 2014, 132, 13-38.   | 9.1  | 151       |
| 6  | Profiles of trace elements and stable isotopes derived from giant long-lived <i>Tridacna gigas</i> bivalves: Potential applications in paleoclimate studies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 132-142. | 2.3  | 127       |
| 7  | Coherent patterns of ice-rafted debris deposits in the Nordic regions during the last glacial (10–60) ka. <i>Journal of Quaternary Science</i> , 2011, 26, 105-114.   | 4.4  | 105       |
| 8  | Links between tropical Pacific seasonal, interannual and orbital variability during the Holocene. <i>Nature Geoscience</i> , 2016, 9, 168-173.  | 12.9 | 105       |
| 9  | The influence of temperature and seawater carbonate saturation state on $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ bond ordering in bivalve mollusks. <i>Biogeosciences</i> , 2013, 10, 4591-4606.                                     | 3.3  | 98        |
| 10 | Environmental controls on the stable isotopic composition of <i>Mercenaria mercenaria</i> : Potential application to paleoenvironmental studies. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .                                   | 2.5  | 89        |
| 11 | Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019, 6, 165.  | 5.3  | 63        |
| 12 | Temporal variability of the surface and deep waters of the North West Atlantic Ocean at orbital and millennial scales. <i>Geophysical Monograph Series</i> , 1999, , 77-98.   | 0.1  | 54        |
| 13 | Subsiding Sundaland. <i>Geology</i> , 2019, 47, 119-122.  | 4.4  | 54        |
| 14 | Giant bivalves ( <i>Tridacna gigas</i> ) as recorders of ENSO variability. <i>Earth and Planetary Science Letters</i> , 2011, 307, 266-270.   | 4.4  | 51        |
| 15 | Growth of north-east Atlantic cold-water coral reefs and mounds during the Holocene: A high resolution U-series and $^{14}\text{C}$ chronology. <i>Earth and Planetary Science Letters</i> , 2013, 375, 176-187.                            | 4.4  | 45        |
| 16 | ENSO reconstructions over the past 60 ka using giant clams ( <i>Tridacna</i> sp.) from Papua New Guinea. <i>Geophysical Research Letters</i> , 2014, 41, 6819-6825.   | 4.0  | 33        |
| 17 | The sea-level conundrum: case studies from palaeoarchives. <i>Journal of Quaternary Science</i> , 2010, 25, 19-25.  | 2.1  | 32        |
| 18 | Changes in fossil assemblage in sediment cores from Mingulay Reef Complex (NE Atlantic): Implications for coral reef build-up. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 286-296.                       | 1.4  | 30        |

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|----|--|-----|-----------|
| 19 | Rapid climatic variability of the North Atlantic Ocean and global climate: a focus of the IMAGES program. <i>Quaternary Science Reviews</i> , 2000, 19, 227-241.   | 3.0 | 27        |
| 20 | On the long-lasting sequences of coral reef terraces from SE Sulawesi (Indonesia): Distribution, formation, and global significance. <i>Quaternary Science Reviews</i> , 2018, 188, 37-57.   | 3.0 | 24        |
| 21 | High-resolution marine data and transient simulations support orbital forcing of ENSO amplitude since the mid-Holocene. <i>Quaternary Science Reviews</i> , 2021, 268, 107125.   | 3.0 | 20        |
| 22 | Lead accumulation in oyster shells, a potential tool for environmental monitoring. <i>Marine Pollution Bulletin</i> , 2017, 125, 19-29.  | 5.0 | 19        |
| 23 | Reef Carbonate Productivity During Quaternary Sea Level Oscillations. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1148-1164.   | 2.5 | 18        |
| 24 | Geochemical fingerprints of climate variation and the extreme La Niña 2010-11 as recorded in a <i>Tridacna squamosa</i> shell from Sulawesi, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 216-228. | 2.3 | 17        |
| 25 | Single foraminifera Mg/Ca analyses of past glacial-interglacial temperatures derived from <i>G. ruber sensu stricto</i> and <i>sensu lato</i> morphotypes. <i>Chemical Geology</i> , 2019, 511, 510-520.                               | 3.3 | 13        |
| 26 | North Atlantic ecosystem sensitivity to Holocene shifts in Meridional Overturning Circulation. <i>Geophysical Research Letters</i> , 2016, 43, 291-298.  | 4.0 | 10        |
| 27 | Imprint of Holocene Climate Variability on Cold-Water Coral Reef Growth at the SW Rockall Trough Margin, NE Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2437-2452.   | 2.5 | 9         |
| 28 | Holocene shifts in sub-surface water circulation of the North-East Atlantic inferred from Nd isotopic composition in cold-water corals. <i>Marine Geology</i> , 2019, 410, 135-145.  | 2.1 | 7         |
| 29 | On the generation and degradation of emerged coral reef terrace sequences: First cosmogenic <sup>36</sup> Cl analysis at Cape Laundi, Sumba Island (Indonesia). <i>Quaternary Science Reviews</i> , 2021, 269, 107144.                 | 3.0 | 5         |
| 30 | Onset and demise of coral reefs, relationship with regional ocean circulation on the Wyville Thomson Ridge. <i>Marine Geology</i> , 2019, 416, 105969.   | 2.1 | 4         |
| 31 | Glacial and Interglacial Hydrological Changes in the North Atlantic Ocean. , 1999, , 83-101.   |     | 3         |
| 32 | Subsiding Sundaland: REPLY. <i>Geology</i> , 2019, 47, e470-e470.  | 4.4 | 2         |
| 33 | From glacial times to late Holocene: Benthic foraminiferal assemblages from cold water coral habitats off northwest Scotland. <i>Marine Geology</i> , 2021, 440, 106581.   | 2.1 | 2         |
| 34 | Giant clam recorders of ENSO variability. <i>PAGES News</i> , 2013, 21, 54-55.   | 0.1 | 2         |
| 35 | Abrupt Climatic Changes—Causes and Consequences. , 1999, , 73-81.  |     | 1         |