

# Alexander Dunhill

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

768  
citations

516561

16  
h-index

610775

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

667  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Anthropogenic-scale CO <sub>2</sub> degassing from the Central Atlantic Magmatic Province as a driver of the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 209, 103731.               | 1.6 | 16        |
| 2  | Shallow ocean oxygen decline during the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 210, 103770.  | 1.6 | 10        |
| 3  | Variable preservation potential and richness in the fossil record of vertebrates. <i>Palaeontology</i> , 2020, 63, 313-329.  | 1.0 | 11        |
| 4  | An enormous sulfur isotope excursion indicates marine anoxia during the end-Triassic mass extinction. <i>Science Advances</i> , 2020, 6, .   | 4.7 | 50        |
| 5  | The latitudinal diversity gradient of tetrapods across the Permo-Triassic mass extinction and recovery interval. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201125.           | 1.2 | 22        |
| 6  | Flat latitudinal diversity gradient caused by the Permian–Triassic mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17578-17583.             | 3.3 | 50        |
| 7  | The mosasaur fossil record through the lens of fossil completeness. <i>Palaeontology</i> , 2019, 62, 51-75.  | 1.0 | 16        |
| 8  | Impact of the Late Triassic mass extinction on functional diversity and composition of marine ecosystems. <i>Palaeontology</i> , 2018, 61, 133-148.  | 1.0 | 50        |
| 9  | On formation-based sampling proxies and why they should not be used to correct the fossil record. <i>Palaeontology</i> , 2018, 61, 119-132.  | 1.0 | 17        |
| 10 | Modelling determinants of extinction across two Mesozoic hyperthermal events. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180404.  | 1.2 | 26        |
| 11 | Decoupled taxonomic and ecological recoveries from the Permo-Triassic extinction. <i>Science Advances</i> , 2018, 4, eaat5091.   | 4.7 | 72        |
| 12 | Assessing sampling of the fossil record in a geographically and stratigraphically constrained dataset: the Chalk Group of Hampshire, southern UK. <i>Journal of the Geological Society</i> , 2017, 174, 509-521. | 0.9 | 5         |
| 13 | Dinosaur biogeographical structure and Mesozoic continental fragmentation: a network-based approach. <i>Journal of Biogeography</i> , 2016, 43, 1691-1704.   | 1.4 | 30        |
| 14 | The fossil record of ichthyosaurs, completeness metrics and sampling biases. <i>Palaeontology</i> , 2015, 58, 521-536.   | 1.0 | 41        |
| 15 | Geographic range did not confer resilience to extinction in terrestrial vertebrates at the end-Triassic crisis. <i>Nature Communications</i> , 2015, 6, 7980.  | 5.8 | 25        |
| 16 | Disentangling rock record bias and common-cause from redundancy in the British fossil record. <i>Nature Communications</i> , 2014, 5, 4818.  | 5.8 | 49        |
| 17 | Testing the fossil record: Sampling proxies and scaling in the British Triassic–Jurassic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 404, 1-11.  | 1.0 | 19        |
| 18 | The first half of tetrapod evolution, sampling proxies, and fossil record quality. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 372, 18-41.  | 1.0 | 69        |

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|----|--|-----|-----------|
| 19 | Completeness of the fossil record and the validity of sampling proxies: a case study from the Triassic of England and Wales. <i>Journal of the Geological Society</i> , 2013, 170, 291-300.                              | 0.9 | 12        |
| 20 | Completeness of the fossil record and the validity of sampling proxies at outcrop level. <i>Palaeontology</i> , 2012, 55, 1155-1175.   | 1.0 | 37        |
| 21 | Problems with using rock outcrop area as a paleontological sampling proxy: rock outcrop and exposure area compared with coastal proximity, topography, land use, and lithology. <i>Paleobiology</i> , 2012, 38, 126-143. | 1.3 | 26        |
| 22 | Problems with using rock outcrop area as a paleontological sampling proxy: rock outcrop and exposure area compared with coastal proximity, topography, land use, and lithology. <i>Paleobiology</i> , 2012, 38, 126-143. | 1.3 | 11        |
| 23 | Assessing the quality of the fossil record: insights from vertebrates. <i>Geological Society Special Publication</i> , 2011, 358, 63-94.   | 0.8 | 76        |
| 24 | Using remote sensing and a geographic information system to quantify rock exposure area in England and Wales: Implications for paleodiversity studies. <i>Geology</i> , 2011, 39, 111-114.                               | 2.0 | 28        |