

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 | Assessing the quality of the fossil record: insights from vertebrates. Geological Society Special Publication, 2011, 358, 63-94. | 0.8 | 76 |
| 2 | Decoupled taxonomic and ecological recoveries from the Permo-Triassic extinction. Science Advances, 2018, 4, eaat5091. | 4.7 | 72 |
| 3 | The first half of tetrapod evolution, sampling proxies, and fossil record quality. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 372, 18-41. | 1.0 | 69 |
| 4 | Impact of the Late Triassic mass extinction on functional diversity and composition of marine ecosystems. Palaeontology, 2018, 61, 133-148. | 1.0 | 50 |
| 5 | An enormous sulfur isotope excursion indicates marine anoxia during the end-Triassic mass extinction. Science Advances, 2020, 6, . | 4.7 | 50 |
| 6 | Flat latitudinal diversity gradient caused by the Permian–Triassic mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17578-17583. | 3.3 | 50 |
| 7 | Disentangling rock record bias and common-cause from redundancy in the British fossil record. Nature Communications, 2014, 5, 4818. | 5.8 | 49 |
| 8 | The fossil record of ichthyosaurs, completeness metrics and sampling biases. Palaeontology, 2015, 58, 521-536. | 1.0 | 41 |
| 9 | Completeness of the fossil record and the validity of sampling proxies at outcrop level. Palaeontology, 2012, 55, 1155-1175. | 1.0 | 37 |
| 10 | Dinosaur biogeographical structure and Mesozoic continental fragmentation: a network-based approach. Journal of Biogeography, 2016, 43, 1691-1704. | 1.4 | 30 |
| 11 | Using remote sensing and a geographic information system to quantify rock exposure area in England and Wales: Implications for paleodiversity studies. Geology, 2011, 39, 111-114. | 2.0 | 28 |
| 12 | 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. Paleobiology, 2012, 38, 126-143. | 1.3 | 26 |
| 13 | Modelling determinants of extinction across two Mesozoic hyperthermal events. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180404. | 1.2 | 26 |
| 14 | Geographic range did not confer resilience to extinction in terrestrial vertebrates at the end-Triassic crisis. Nature Communications, 2015, 6, 7980. | 5.8 | 25 |
| 15 | The latitudinal diversity gradient of tetrapods across the Permo-Triassic mass extinction and recovery interval. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201125. | 1.2 | 22 |
| 16 | Testing the fossil record: Sampling proxies and scaling in the British Triassic–Jurassic. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 404, 1-11. | 1.0 | 19 |
| 17 | On formation-based sampling proxies and why they should not be used to correct the fossil record. Palaeontology, 2018, 61, 119-132. | 1.0 | 17 |
| 18 | The mosasaur fossil record through the lens of fossil completeness. Palaeontology, 2019, 62, 51-75. | 1.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Anthropogenic-scale CO ₂ 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 |
| 20 | 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 |
| 21 | Variable preservation potential and richness in the fossil record of vertebrates. <i>Palaeontology</i> , 2020, 63, 313-329. | 1.0 | 11 |
| 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 | Shallow ocean oxygen decline during the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 210, 103770. | 1.6 | 10 |
| 24 | 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 |