Jonathan L. Payne

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117
papers
6,410
citations
h-index
79
g-index

125
ext. papers
7,479
ext. citations
7,479
avg, IF
L-index

| # | Paper | IF | Citations |
|-----|---|----------------------|-----------|
| 117 | Generating and testing hypotheses about the fossil record of insect herbivory with a theoretical ecospace. <i>Review of Palaeobotany and Palynology</i> , 2022 , 297, 104564 | 1.7 | 4 |
| 116 | Mass extinctions alter extinction and origination dynamics with respect to body size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211681 | 4.4 | 2 |
| 115 | Implications of giant ooids for the carbonate chemistry of Early Triassic seawater. <i>Geology</i> , 2021 , 49, 156-161 | 5 | 7 |
| 114 | Biotic and Abiotic Controls on the Phanerozoic History of Marine Animal Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021 , 52, | 13.5 | 3 |
| 113 | Lepidoptera demonstrate the relevance of Murray's Law to circulatory systems with tidal flow. <i>BMC Biology</i> , 2021 , 19, 204 | 7-3 | |
| 112 | Ecological Filtering and Exaptation in the Evolution of Marine Snakes. <i>American Naturalist</i> , 2021 , 198, 506-521 | 3.7 | 2 |
| 111 | Fully automated carbonate petrography using deep convolutional neural networks. <i>Marine and Petroleum Geology</i> , 2020 , 122, 104687 | 4.7 | 10 |
| 110 | Respiratory medium and circulatory anatomy constrain size evolution in marine macrofauna. <i>Paleobiology</i> , 2020 , 46, 288-303 | 2.6 | 3 |
| 109 | Idiographic and nomothetic approaches to heterogeneity are complementary: Response to comments on Evaluating the influences of temperature, primary production, and evolutionary history on bivalve growth rates[]Paleobiology, 2020, 46, 275-277 | 2.6 | |
| 108 | The evolution of complex life and the stabilization of the Earth system. <i>Interface Focus</i> , 2020 , 10, 20190 | 1506 | 6 |
| 107 | Refined foraminiferal biostratigraphy of upper Wordian, Capitanian, and Wuchiapingian strata in Hambast Valley, Abadeh region (Iran), and paleobiogeographic implications. <i>Geological Journal</i> , 2020 , 55, 6255-6279 | 1.7 | 3 |
| 106 | Ecologically diverse clades dominate the oceans via extinction resistance. <i>Science</i> , 2020 , 367, 1035-1038 | 333.3 | 12 |
| 105 | Body size, sampling completeness, and extinction risk in the marine fossil record. <i>Paleobiology</i> , 2020 , 46, 23-40 | 2.6 | 10 |
| 104 | Physiological constraints on body size distributions in Crocodyliformes. <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 245-255 | 3.8 | 9 |
| 103 | Geochemical, biostratigraphic, and high-resolution geochronological constraints on the waning stage of Emeishan Large Igneous Province. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 1969 |)- } 1986 | 20 |
| 102 | Interactions between sediment production and transport in the geometry of carbonate platforms: Insights from forward modeling of the Great Bank of Guizhou (Early to Middle Triassic), south China. <i>Marine and Petroleum Geology</i> , 2020 , 118, 104416 | 4.7 | 2 |
| 101 | End-Guadalupian extinction of larger fusulinids in central Iran and implications for the global biotic crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology,</i> 2020 , 550, 109743 | 2.9 | 5 |

(2017-2020)

| 100 | Giant sector-collapse structures (scalloped margins) of the Yangtze Platform and Great Bank of Guizhou, China: Implications for genesis of collapsed carbonate platform margin systems. Sedimentology, 2020 , 67, 3167 | 3.3 | 6 |
|-----|--|------|-----|
| 99 | Controls on carbonate platform architecture and reef recovery across the Palaeozoic to Mesozoic transition: A high-resolution analysis of the Great Bank of Guizhou. <i>Sedimentology</i> , 2020 , 67, 3119 | 3.3 | 5 |
| 98 | A general model for growth trajectories of linear carbonate platforms. <i>Journal of Sedimentary Research</i> , 2020 , 90, 1139-1155 | 2.1 | O |
| 97 | A framework for the integrated analysis of the magnitude, selectivity, and biotic effects of extinction and origination. <i>Paleobiology</i> , 2020 , 46, 1-22 | 2.6 | 6 |
| 96 | Greater vulnerability to warming of marine versus terrestrial ectotherms. <i>Nature</i> , 2019 , 569, 108-111 | 50.4 | 228 |
| 95 | The accelerating influence of humans on mammalian macroecological patterns over the late Quaternary. <i>Quaternary Science Reviews</i> , 2019 , 211, 1-16 | 3.9 | 22 |
| 94 | Modeling the consequences of land plant evolution on silicate weathering. <i>Numerische Mathematik</i> , 2019 , 319, 1-43 | 5.3 | 29 |
| 93 | Evaluating the influences of temperature, primary production, and evolutionary history on bivalve growth rates. <i>Paleobiology</i> , 2019 , 45, 405-420 | 2.6 | 13 |
| 92 | A Cretaceous peak in family-level insect diversity estimated with mark-recapture methodology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20192054 | 4.4 | 16 |
| 91 | Body size downgrading of mammals over the late Quaternary. <i>Science</i> , 2018 , 360, 310-313 | 33.3 | 120 |
| 90 | Phanerozoic O and the early evolution of terrestrial animals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285, | 4.4 | 43 |
| 89 | Energetic tradeoffs control the size distribution of aquatic mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4194-4199 | 11.5 | 49 |
| 88 | Is biodiversity energy-limited or unbounded? A test in fossil and modern bivalves. <i>Paleobiology</i> , 2018 , 44, 385-401 | 2.6 | 7 |
| o_ | Clabel a struktiva sõuks assis salainas anda duria akka Dannias Trianiakas sikira Dullatia sõ | | |
| 87 | Global perturbation of the marine calcium cycle during the Permian-Triassic transition. <i>Bulletin of the Geological Society of America</i> , 2018 , 130, 1323-1338 | 3.9 | 24 |
| 86 | | 3.9 | 106 |
| | the Geological Society of America, 2018, 130, 1323-1338 Temperature-dependent hypoxia explains biogeography and severity of end-Permian marine mass | 33.3 | |
| 86 | the Geological Society of America, 2018, 130, 1323-1338 Temperature-dependent hypoxia explains biogeography and severity of end-Permian marine mass extinction. Science, 2018, 362, | 33.3 | 106 |

| 82 | Hierarchical complexity and the size limits of life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284, | 4.4 | 22 |
|----|---|--------------------------------|-----|
| 81 | The influence of seawater carbonate chemistry, mineralogy, and diagenesis on calcium isotope variations in Lower-Middle Triassic carbonate rocks. <i>Chemical Geology</i> , 2017 , 471, 13-37 | 4.2 | 28 |
| 80 | A model for the decrease in amplitude of carbon isotope excursions across the Phanerozoic. <i>Numerische Mathematik</i> , 2017 , 317, 641-676 | 5.3 | 24 |
| 79 | Uranium isotope evidence for an expansion of marine anoxia during the end-Triassic extinction. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3093-3108 | 3.6 | 43 |
| 78 | Origination and early evolution of Involutinida in the aftermath of the end-Permian mass extinction: Praetriadodiscus n. gen., and two new species. <i>Revue De Micropaleontologie</i> , 2017 , 60, 573-5 | 58 ¹ 4 ⁴ | 2 |
| 77 | Ecophenotypic responses of benthic foraminifera to oxygen availability along an oxygen gradient in the California Borderland. <i>Marine Ecology</i> , 2017 , 38, e12430 | 1.4 | 8 |
| 76 | Uranium isotope evidence for temporary ocean oxygenation in the aftermath of the Sturtian Snowball Earth. <i>Earth and Planetary Science Letters</i> , 2017 , 458, 282-292 | 5.3 | 68 |
| 75 | Response by Jonathan Payne for the presentation of the 2015 Schuchert Award of the Paleontological Society. <i>Journal of Paleontology</i> , 2017 , 91, 1342-1343 | 1.1 | |
| 74 | Ecological selectivity of the emerging mass extinction in the oceans. <i>Science</i> , 2016 , 353, 1284-6 | 33.3 | 99 |
| 73 | Physicochemical controls on biogeographic variation of benthic foraminiferal test size and shape. <i>Paleobiology</i> , 2016 , 42, 595-611 | 2.6 | 7 |
| 72 | REPLY: PERMIANITRIASSIC MICROBIALITE AND DISSOLUTION SURFACE ENVIRONMENTAL CONTROLS ON THE GENESIS OF MARINE MICROBIALITES AND DISSOLUTION SURFACE ASSOCIATED WITH THE END-PERMIAN MASS EXTINCTION: NEW SECTIONS AND OBSERVATIONS | 1.6 | 3 |
| 71 | FROM THE NANPANJIANG BASIN, SOUTH CHINA. <i>Palaios</i> , 2016 , 31, 118-121 Marine anoxia and delayed Earth system recovery after the end-Permian extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 2360-5 | 11.5 | 160 |
| 70 | Comparative size evolution of marine clades from the Late Permian through Middle Triassic. <i>Paleobiology</i> , 2016 , 42, 127-142 | 2.6 | 28 |
| 69 | The influence of the biological pump on ocean chemistry: implications for long-term trends in marine redox chemistry, the global carbon cycle, and marine animal ecosystems. <i>Geobiology</i> , 2016 , 14, 207-19 | 4.3 | 62 |
| 68 | Modelling the impact of pulsed CAMP volcanism on pCO2 and 🛭 3C across the Triassic urassic transition. <i>Geological Magazine</i> , 2016 , 153, 252-270 | 2 | 29 |
| 67 | Body Size Evolution Across the Geozoic. <i>Annual Review of Earth and Planetary Sciences</i> , 2016 , 44, 523-5. | 5 3 5.3 | 40 |
| 66 | Extinction intensity, selectivity and their combined macroevolutionary influence in the fossil record. <i>Biology Letters</i> , 2016 , 12, | 3.6 | 17 |
| 65 | ENVIRONMENTAL CONTROLS ON THE GENESIS OF MARINE MICROBIALITES AND DISSOLUTION SURFACE ASSOCIATED WITH THE END-PERMIAN MASS EXTINCTION: NEW SECTIONS AND OBSERVATIONS FROM THE NANPANJIANG BASIN, SOUTH CHINA. <i>Palaios</i> , 2015 , 30, 529-552 | 1.6 | 41 |

(2013-2015)

| 64 | (paleomagnetic reversals, magnetic susceptibility, elemental chemistry, carbon isotopes and geochronology) for the Permian Upper Triassic strata of Guandao section, Nanpanjiang Basin, | 2.8 | 73 |
|----|---|------|-----|
| 63 | south China. <i>Journal of Asian Earth Sciences</i> , 2015 , 108, 117-135 Drowning of the Triassic Yangtze Platform, South China, By Tectonic Subsidence Into Toxic Deep Waters of An Anoxic Basin. <i>Journal of Sedimentary Research</i> , 2015 , 85, 419-444 | 2.1 | 14 |
| 62 | Normal giants? Temporal and latitudinal shifts of Palaeozoic marine invertebrate gigantism and global change. <i>Lethaia</i> , 2015 , 48, 267-288 | 1.3 | 21 |
| 61 | TAPHONOMIC BIAS OF SELECTIVE SILICIFICATION REVEALED BY PAIRED PETROGRAPHIC AND INSOLUBLE RESIDUE ANALYSIS. <i>Palaios</i> , 2015 , 30, 620-626 | 1.6 | 5 |
| 60 | Limited role of functional differentiation in early diversification of animals. <i>Nature Communications</i> , 2015 , 6, 6455 | 17.4 | 28 |
| 59 | The rise of oxygen and siderite oxidation during the Lomagundi Event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6562-7 | 11.5 | 54 |
| 58 | Phanerozoic trends in brachiopod body size from synoptic data. <i>Paleobiology</i> , 2015 , 41, 491-501 | 2.6 | 19 |
| 57 | Animal evolution. Cope's rule in the evolution of marine animals. <i>Science</i> , 2015 , 347, 867-70 | 33.3 | 101 |
| 56 | Patterns of basin fill in Triassic turbidites of the Nanpanjiang basin: implications for regional tectonics and impacts on carbonate-platform evolution. <i>Basin Research</i> , 2015 , 27, 587-612 | 3.2 | 22 |
| 55 | Metabolic dominance of bivalves predates brachiopod diversity decline by more than 150 million years. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133122 | 4.4 | 42 |
| 54 | Phylogenetic signal in extinction selectivity in Devonian terebratulide brachiopods. <i>Paleobiology</i> , 2014 , 40, 675-692 | 2.6 | 18 |
| 53 | Constraining the cause of the end-Guadalupian extinction with coupled records of carbon and calcium isotopes. <i>Earth and Planetary Science Letters</i> , 2014 , 396, 201-212 | 5.3 | 62 |
| 52 | The end-Triassic negative 🛘 3C excursion: A lithologic test. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 412, 177-186 | 2.9 | 11 |
| 51 | Constraints on Early Triassic carbon cycle dynamics from paired organic and inorganic carbon isotope records. <i>Earth and Planetary Science Letters</i> , 2013 , 361, 429-435 | 5.3 | 52 |
| 50 | Constraints on the adult-offspring size relationship in protists. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3537-44 | 3.8 | 7 |
| 49 | Microbes, mud and methane: cause and consequence of recurrent Early Jurassic anoxia following the end-Triassic mass extinction. <i>Palaeontology</i> , 2013 , 56, 685-709 | 2.9 | 78 |
| 48 | A shift in the long-term mode of foraminiferan size evolution caused by the end-Permian mass extinction. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 816-27 | 3.8 | 15 |
| 47 | High-resolution 🛮 3Ccarb chemostratigraphy from latest Guadalupian through earliest Triassic in South China and Iran. <i>Earth and Planetary Science Letters</i> , 2013 , 375, 156-165 | 5.3 | 106 |

| 46 | Late paleozoic fusulinoidean gigantism driven by atmospheric hyperoxia. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 2929-39 | 3.8 | 28 |
|----|--|------|-----|
| 45 | Within- and among-genus components of size evolution during mass extinction, recovery, and background intervals: a case study of Late Permian through Late Triassic foraminifera. <i>Paleobiology</i> , 2012 , 38, 627-643 | 2.6 | 31 |
| 44 | Long-term differences in extinction risk among the seven forms of rarity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4969-76 | 4.4 | 114 |
| 43 | Factors controlling carbonate platform asymmetry: Preliminary results from the Great Bank of Guizhou, an isolated Permian Triassic Platform in the Nanpanjiang Basin, south China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 315-316, 158-171 | 2.9 | 13 |
| 42 | Carbon cycle dynamics following the end-Triassic mass extinction: Constraints from paired <code>13Ccarb</code> and <code>13Corg</code> records. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, | 3.6 | 40 |
| 41 | Size-frequency distributions along a latitudinal gradient in Middle Permian fusulinoideans. <i>PLoS ONE</i> , 2012 , 7, e38603 | 3.7 | 11 |
| 40 | A Lack of Attribution: Closing the Citation Gap Through a Reform of Citation and Indexing Practices. <i>Taxon</i> , 2012 , 61, 1349-1351 | 0.8 | 6 |
| 39 | End-Permian Mass Extinction in the Oceans: An Ancient Analog for the Twenty-First Century?. <i>Annual Review of Earth and Planetary Sciences</i> , 2012 , 40, 89-111 | 15.3 | 240 |
| 38 | Lower Triassic oolites of the Nanpanjiang Basin, south China: Facies architecture, giant ooids, and diagenesis Implications for hydrocarbon reservoirs. <i>AAPG Bulletin</i> , 2012 , 96, 1389-1414 | 2.5 | 38 |
| 37 | Evidence for end-Permian ocean acidification from calcium isotopes in biogenic apatite. <i>Geology</i> , 2012 , 40, 743-746 | 5 | 114 |
| 36 | Escargots through time: an energetic comparison of marine gastropod assemblages before and after the Mesozoic Marine Revolution. <i>Paleobiology</i> , 2011 , 37, 252-269 | 2.6 | 52 |
| 35 | 13C evidence that high primary productivity delayed recovery from end-Permian mass extinction. <i>Earth and Planetary Science Letters</i> , 2011 , 302, 378-384 | 5.3 | 131 |
| 34 | Local and global abundance associated with extinction risk in late Paleozoic and early Mesozoic gastropods. <i>Paleobiology</i> , 2011 , 37, 616-632 | 2.6 | 17 |
| 33 | THE GEOZOIC SUPEREON. <i>Palaios</i> , 2011 , 26, 251-255 | 1.6 | 4 |
| 32 | The evolutionary consequences of oxygenic photosynthesis: a body size perspective. <i>Photosynthesis Research</i> , 2011 , 107, 37-57 | 3.7 | 88 |
| 31 | Early and Middle Triassic trends in diversity, evenness, and size of foraminifers on a carbonate platform in south China: implications for tempo and mode of biotic recovery from the end-Permian mass extinction. <i>Paleobiology</i> , 2011 , 37, 409-425 | 2.6 | 65 |
| 30 | Acidification, anoxia, and extinction: A multiple logistic regression analysis of extinction selectivity during the Middle and Late Permian. <i>Geology</i> , 2011 , 39, 1059-1062 | 5 | 134 |
| 29 | Calcium isotope constraints on the end-Permian mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8543-8 | 11.5 | 177 |

| 28 | EARLY TRIASSIC MICROBIAL SPHEROIDS IN THE VIRGIN LIMESTONE MEMBER OF THE MOENKOPI FORMATION, NEVADA, USA. <i>Palaios</i> , 2009 , 24, 131-136 | 1.6 | 11 |
|----------------------|--|--|------------------------------|
| 27 | Erosional truncation of uppermost Permian shallow-marine carbonates and implications for Permian-Triassic boundary events: Reply. <i>Bulletin of the Geological Society of America</i> , 2009 , 121, 957-9 | 5 3 ·9 | 14 |
| 26 | Two-phase increase in the maximum size of life over 3.5 billion years reflects biological innovation and environmental opportunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 24-7 | 11.5 | 192 |
| 25 | Carbon cycle perturbation and stabilization in the wake of the Triassic-Jurassic boundary mass-extinction event. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a | 3.6 | 75 |
| 24 | The Red Queen revisited: reevaluating the age selectivity of Phanerozoic marine genus extinctions. <i>Paleobiology</i> , 2008 , 34, 318-341 | 2.6 | 60 |
| 23 | END-PERMIAN MASS EXTINCTION OF LAGENIDE FORAMINIFERS IN THE SOUTHERN ALPS (NORTHERN ITALY). <i>Journal of Paleontology</i> , 2007 , 81, 415-434 | 1.1 | 66 |
| 22 | The effect of geographic range on extinction risk during background and mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10506-11 | 11.5 | 180 |
| 21 | Erosional truncation of uppermost Permian shallow-marine carbonates and implications for Permian-Triassic boundary events. <i>Bulletin of the Geological Society of America</i> , 2007 , 119, 771-784 | 3.9 | 153 |
| 20 | PLACUNOPSIS BIOHERMS: THE FIRST METAZOAN BUILDUPS FOLLOWING THE END-PERMIAN MASS EXTINCTION. <i>Palaios</i> , 2007 , 22, 17-23 | 1.6 | 39 |
| | | | |
| 19 | Life in Triassic Oceans: Links Between Planktonic and Benthic Recovery and Radiation 2007 , 165-189 | | 13 |
| 19 | Life in Triassic Oceans: Links Between Planktonic and Benthic Recovery and Radiation 2007, 165-189 Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007, 35, e137-e138 | 5 | 13 |
| | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic | 5 2.9 | |
| 18 | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007 , 35, e137-e138 Record of the end-Permian extinction and Triassic biotic recovery in the Chongzuo-Pingguo platform, southern Nanpanjiang basin, Guangxi, south China. <i>Palaeogeography, Palaeoclimatology</i> , | | 8 |
| 18 | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007 , 35, e137-e138 Record of the end-Permian extinction and Triassic biotic recovery in the Chongzuo-Pingguo platform, southern Nanpanjiang basin, Guangxi, south China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 252, 200-217 Evidence for recurrent Early Triassic massive volcanism from quantitative interpretation of carbon | 2.9 5·3 | 8 |
| 18 17 16 | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007 , 35, e137-e138 Record of the end-Permian extinction and Triassic biotic recovery in the Chongzuo-Pingguo platform, southern Nanpanjiang basin, Guangxi, south China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 252, 200-217 Evidence for recurrent Early Triassic massive volcanism from quantitative interpretation of carbon isotope fluctuations. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 264-277 | 2.9 5·3 | 8 50 255 |
| 18 17 16 | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007 , 35, e137-e138 Record of the end-Permian extinction and Triassic biotic recovery in the Chongzuo-Pingguo platform, southern Nanpanjiang basin, Guangxi, south China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 252, 200-217 Evidence for recurrent Early Triassic massive volcanism from quantitative interpretation of carbon isotope fluctuations. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 264-277 Paleophysiology and end-Permian mass extinction. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 295-The Pattern and Timing of Biotic Recovery from the End-Permian Extinction on the Great Bank of | 2.9 5-3 31 ₅ 3 ₅ | 8 50 255 496 |
| 18 17 16 15 | Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: REPLY. <i>Geology</i> , 2007 , 35, e137-e138 Record of the end-Permian extinction and Triassic biotic recovery in the Chongzuo-Pingguo platform, southern Nanpanjiang basin, Guangxi, south China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 252, 200-217 Evidence for recurrent Early Triassic massive volcanism from quantitative interpretation of carbon isotope fluctuations. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 264-277 Paleophysiology and end-Permian mass extinction. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 295-The Pattern and Timing of Biotic Recovery from the End-Permian Extinction on the Great Bank of Guizhou, Guizhou Province, China. <i>Palaios</i> , 2006 , 21, 63-85 Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic | 2.9 5-3 3 5 3 ₅ 1.6 | 8 50 255 496 115 |

| 10 | Evolutionary dynamics of gastropod size across the end-Permian extinction and through the Triassic recovery interval. <i>Paleobiology</i> , 2005 , 31, 269-290 | 2.6 | 118 |
|----|--|------|-----|
| 9 | Large perturbations of the carbon cycle during recovery from the end-permian extinction. <i>Science</i> , 2004 , 305, 506-9 | 33.3 | 593 |
| 8 | Lower Cretaceous Alisitos Formation at Punta San Isidro: Coastal sedimentation and volcanism. <i>Ciencias Marinas</i> , 2004 , 30, 365-380 | 1.7 | 6 |
| 7 | Permian-Triassic Boundary Sections from Shallow-Marine Carbonate Platforms of the Nanpanjiang Basin, South China: Implications for Oceanic Conditions Associated with the End-Permian Extinction and Its Aftermath. <i>Palaios</i> , 2003 , 18, 138-152 | 1.6 | 172 |
| 6 | Applicability and resolving power of statistical tests for simultaneous extinction events in the fossil record. <i>Paleobiology</i> , 2003 , 29, 37-51 | 2.6 | 8 |
| 5 | Triassic Tank84-113 | | 3 |
| 4 | Triassic Foraminifera from the Great Bank of Guizhou, Nanpanjiang Basin, south China: taxonomic account, biostratigraphy, and implications for recovery from end-Permian mass extinction. <i>Journal of Paleontology</i> ,1-53 | 1.1 | O |
| 3 | Proliferation of Chondrodonta as a proxy of environmental instability at the onset of OAE1a: Insights from shallow-water limestones of the Apulia Carbonate Platform. <i>Sedimentology</i> , | 3.3 | 1 |
| 2 | Generating and testing hypotheses about the fossil record of insect herbivory with a theoretical ecosp | ace | 1 |
| 1 | Quantitative evaluation of the roles of ocean chemistry and climate on ooid size across the Phanerozoic: Global versus local controls. <i>Sedimentology</i> , | 3.3 | 2 |