# William A Dimichele

List of Publications by Year
in descending order



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|---|---|---|---|
| 142 papers | 7,827 citations | 36303 51 h-index | 56724 83 g-index |
| 148 all docs | 148 docs citations | 148 times ranked | 3017 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | CO2-Forced Climate and Vegetation Instability During Late Paleozoic Deglaciation. Science, 2007, 315, 87-91. | 12.6 | 464 |
| 2 | Stratigraphic and interregional changes in Pennsylvanian coal-swamp vegetation: Environmental inferences. International Journal of Coal Geology, 1985, 5, 43-109. | 5.0 | 298 |
| 3 | EARLY EVOLUTION OF LAND PLANTS: Phylogeny, Physiology, and Ecology of the Primary Terrestrial Radiation. Annual Review of Ecology, Evolution, and Systematics, 1998, 29, 263-292. | 6.7 | 292 |
| 4 | Paleobotanical and paleoecological constraints on models of peat formation in the Late Carboniferous of Euramerica. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 106, 39-90. | 2.3 | 280 |
| 5 | On the fundamental difference between coal rank and coal type. International Journal of Coal Geology, 2013, 118, 58-87. | 5.0 | 258 |
| 6 | Comparative Ecology and Life-History Biology of Arborescent Lycopsids in Late Carboniferous Swamps of Euramerica. Annals of the Missouri Botanical Garden, 1992, 79, 560. | 1.3 | 191 |
| 7 | Response of Late Carboniferous and Early Permian Plant Communities to Climate Change. Annual Review of Earth and Planetary Sciences, 2001, 29, 461-487. | 11.0 | 190 |
| 8 | Climate, pCO2 and terrestrial carbon cycle linkages during late Palaeozoic glacialâ€"interglacial cycles. Nature Geoscience, 2016, 9, 824-828. | 12.9 | 189 |
| 9 | Arborescent lycopod reproduction and paleoecology in a coal-swamp environment of late Middle Pennsylvanian age (herrin coal, Illinois, U.S.A.). Review of Palaeobotany and Palynology, 1985, 44, 1-26. | 1.5 | 178 |
| 10 | HETEROSPORY: THE MOST ITERATIVE KEY INNOVATION IN THE EVOLUTIONARY HISTORY OF THE PLANT KINGDOM. Biological Reviews, 1994, 69, 345-417. | 10.4 | 178 |
| 11 | Climate and vegetational regime shifts in the late Paleozoic ice age earth. Geobiology, 2009, 7, 200-226. | 2.4 | 178 |
| 12 | Wetland-Dryland Vegetational Dynamics in the Pennsylvanian Ice Age Tropics. International Journal of Plant Sciences, 2014, 175, 123-164. | 1.3 | 152 |
| 13 | Holocene shifts in the assembly of plant and animal communities implicate human impacts. Nature, 2016, 529, 80-83. | 27.8 | 147 |
| 14 | Experimental Cladistic Analysis of Anatomically Preserved Arborescent Lycopsids from the Carboniferous of Euramerica: An Essay on Paleobotanical Phylogenetics. Annals of the Missouri Botanical Garden, 1992, 79, 500. | 1.3 | 145 |
| 15 | Cyclic changes in Pennsylvanian paleoclimate and effects on floristic dynamics in tropical Pangaea. International Journal of Coal Geology, 2010, 83, 329-344. | 5.0 | 128 |
| 16 | Incised channel fills containing conifers indicate that seasonally dry vegetation dominated Pennsylvanian tropical lowlands. Geology, 2009, 37, 923-926. | 4.4 | 112 |
| 17 | Delayed fungal evolution did not cause the Paleozoic peak in coal production. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2442-2447. | 7.1 | 107 |
| 18 | Pennsylvanian â€˜fossil forests' in growth position (T <sup>0</sup> assemblages): origin, taphonomic bias and palaeoecological insights. Journal of the Geological Society, 2011, 168, 585-605. | 2.1 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | WHAT HAPPENED TO THE COAL FORESTS DURING PENNSYLVANIAN GLACIAL PHASES?. Palaios, 2010, 25, 611-617. | 1.3 | 102 |
| 20 | Paleoecology of Late Paleozoic pteridosperms from tropical Euramerica1. Journal of the Torrey Botanical Society, 2006, 133, 83-118. | 0.3 | 97 |
| 21 | The so-called â€œPaleophyticâ€“Mesophyticâ€•transition in equatorial Pangea â€” Multiple biomes and vegetational tracking of climate change through geological time. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 268, 152-163. | 2.3 | 94 |
| 22 | THE PENNSYLVANIAN-PERMIAN VEGETATIONAL TRANSITION: A TERRESTRIAL ANALOGUE TO THE ONSHORE-OFFSHORE HYPOTHESIS. Evolution; International Journal of Organic Evolution, 1992, 46, 807-824. | 2.3 | 93 |
| 23 | The ecology of Paleozoic ferns. Review of Palaeobotany and Palynology, 2002, 119, 143-159. | 1.5 | 91 |
| 24 | Palaeozoic co-evolution of rivers and vegetation: a synthesis of current knowledge. Proceedings of the Geologists Association, 2014, 125, 524-533. | 1.1 | 91 |
| 25 | Eccentricity-paced late Paleozoic climate change. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 331-332, 150-161. | 2.3 | 87 |
| 26 | Conflict between Local and Global Changes in Plant Diversity through Geological Time. Palaios, 1995, 10, 551. | 1.3 | 84 |
| 27 | The Rhizomorphic Lycopsids: A Case-Study in Paleobotanical Classification. Systematic Botany, 1996, 21, 535. | 0.5 | 83 |
| 28 | Opportunistic evolution: Abiotic environmental stress and the fossil record of plants. Review of Palaeobotany and Palynology, 1987, 50, 151-178. | 1.5 | 77 |
| 29 | Ecological gradients within a Pennsylvanian mire forest. Geology, 2007, 35, 415. | 4.4 | 75 |
| 30 | Diaphorodendron, gen. nov., a Segregate from Lepidodendron (Pennsylvanian Age). Systematic Botany, 1985, 10, 453. | 0.5 | 73 |
| 31 | Persistence of Late Carboniferous tropical vegetation during glacially driven climatic and sea-level fluctuations. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 125, 105-128. | 2.3 | 73 |
| 32 | AN EARLY PERMIAN FLORA WITH LATE PERMIAN AND MESOZOIC AFFINITIES FROM NORTH-CENTRAL TEXAS. Journal of Paleontology, 2001, 75, 449-460. | 0.8 | 73 |
| 33 | Paleoecology of the Middle Pennsylvanian-age Herrin Coal Swamp (Illinois) near a contemporaneous river system, the Walshville paleochannel. Review of Palaeobotany and Palynology, 1988, 56, 151-176. | 1.5 | 71 |
| 34 | NO MAJOR STRATIGRAPHIC GAP EXISTS NEAR THE MIDDLE-UPPER PENNSYLVANIAN (DESMOINESIAN-MISSOURIAN) BOUNDARY IN NORTH AMERICA. Palaios, 2011, 26, 125-139. | 1.3 | 70 |
| 35 | ï,§The late Paleozoic ecologicalâ€“evolutionary laboratory, and land-plant fossil record perspective. The Sedimentary Record, 2014, 12, 4-10. | 0.6 | 70 |
| 36 | Plant Paleoecology in Deep Time<sup>1</sup>. Annals of the Missouri Botanical Garden, 2008, 95, 144-198. | 1.3 | 68 |

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| 37 | Clades, ecological amplitudes, and ecomorphs: phylogenetic effects and persistence of primitive plant communities in the Pennsylvanian-age tropical wetlands. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 127, 83-105. | 2.3 | 66 |
| 38 | Influence of temporally varying weatherability on CO<sub>2</sub>-climate coupling and ecosystem change in the late Paleozoic. Climate of the Past, 2020, 16, 1759-1775. | 3.4 | 66 |
| 39 | Lepidodendron hickii and Generic Delimitation in Carboniferous Lepidodendrid Lycopods. Systematic Botany, 1983, 8, 317. | 0.5 | 65 |
| 40 | Evolution and importance of wetlands in earth history. , 2006, , . | | 65 |
| 41 | Dynamic Carboniferous tropical forests: new views of plant function and potential for physiological forcing of climate. New Phytologist, 2017, 215, 1333-1353. | 7.3 | 64 |
| 42 | Place vs. time and vegetational persistence: a comparison of four tropical mires from the Illinois Basin during the height of the Pennsylvanian Ice Age. International Journal of Coal Geology, 2002, 50, 43-72. | 5.0 | 63 |
| 43 | AN UNUSUAL MIDDLE PERMIAN FLORA FROM THE BLAINE FORMATION (PEASE RIVER GROUP:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 765-782. | 0.8 | 61 |
| 44 | A hidden cradle of plant evolution in Permian tropical lowlands. Science, 2018, 362, 1414-1416. | 12.6 | 61 |
| 45 | Structure and Dynamics of a Pennsylvanian-Age Lepidodendron Forest: Colonizers of a Disturbed Swamp Habitat in the Herrin (No. 6) Coal of Illinois. Palaios, 1987, 2, 146. | 1.3 | 60 |
| 46 | The Pennsylvanian-Permian Vegetational Transition: A Terrestrial Analogue to the Onshore-Offshore Hypothesis. Evolution; International Journal of Organic Evolution, 1992, 46, 807. | 2.3 | 59 |
| 47 | Ecological patterns in time and space. Paleobiology, 1994, 20, 89-92. | 2.0 | 59 |
| 48 | Middle and Late Pennsylvanian cyclothems, American Midcontinent: Ice-age environmental changes and terrestrial biotic dynamics. Comptes Rendus - Geoscience, 2014, 346, 159-168. | 1.2 | 59 |
| 49 | Climate change, plant extinctions and vegetational recovery during the Middle-Late Pennsylvanian Transition: the Case of tropical peat-forming environments in North America. Geological Society Special Publication, 1996, 102, 201-221. | 1.3 | 57 |
| 50 | ORIGINS OF HETEROSPORY AND THE SEED HABIT: THE ROLE OF HETEROCHRONY. Taxon, 1989, 38, 1-11. | 0.7 | 55 |
| 51 | Late Paleozoic continental warming of a cold tropical basin and floristic change in western Pangea. International Journal of Coal Geology, 2013, 119, 177-186. | 5.0 | 53 |
| 52 | Pennsylvanian coniferopsid forests in sabkha facies reveal the nature of seasonal tropical biome. Geology, 2011, 39, 371-374. | 4.4 | 51 |
| 53 | From wetlands to wet spots: Environmental tracking and the fate of Carboniferous elements in Early Permian tropical floras. , 2006, , . | | 48 |
| 54 | PARALYCOPODITES MOREY & MOREY, FROM THE CARBONIFEROUS OF EURAMERICAâ€"A REASSESSMENT OF GENERIC AFFINITIES AND EVOLUTION OF â€œLEPIDODENDRONâ€•BREVIFOLIUM WILLIAMSON. American Journal of Botany, 1980, 67, 1466-1476. | 1.7 | 46 |

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| 55 | Taphonomic and sedimentologic characterization of roof-shale floras. , 1995, , . | | 46 |
| 56 | Plant paleoecology and evolutionary inference: two examples from the Paleozoic. Review of Palaeobotany and Palynology, 1996, 90, 223-247. | 1.5 | 46 |
| 57 | An Early Permian flora with Late Permian and Mesozoic affinities from north-central Texas. Journal of Paleontology, 2001, 75, 449-460. | 0.8 | 45 |
| 58 | Arborescent lycopsid productivity and lifespan: Constraining the possibilities. Review of Palaeobotany and Palynology, 2016, 227, 97-110. | 1.5 | 42 |
| 59 | Hizemodendron, gen. nov., a Pseudoherbaceous Segregate of Lepidodendron (Pennsylvanian): Phylogenetic Context for Evolutionary Changes in Lycopsid Growth Architecture. Systematic Botany, 1991, 16, 195. | 0.5 | 41 |
| 60 | A drowned lycopsid forest above the Mahoning coal (Conemaugh Group, Upper Pennsylvanian) in eastern Ohio, U.S.A.. International Journal of Coal Geology, 1996, 31, 249-276. | 5.0 | 41 |
| 61 | DIAPHORODENDRACEAE, FAM. NOV. (LYCOPSIDA: CARBONIFEROUS): SYSTEMATICS AND EVOLUTIONARY RELATIONSHIPS OF DIAPHORODENDRON AND SYNCHYSIDENDRON, GEN. NOV.. American Journal of Botany, 1992, 79, 605-617. | 1.7 | 40 |
| 62 | CRITICAL ISSUES OF SCALE IN PALEOECOLOGY. Palaios, 2009, 24, 1-4. | 1.3 | 39 |
| 63 | Lycopods of Pennsylvanian age coals: <i>Polysporia</i>. Canadian Journal of Botany, 1979, 57, 1740-1753. | 1.1 | 38 |
| 64 | Monocyclic Psaronius from the lower Pennsylvanian of the Illinois Basin. Canadian Journal of Botany, 1977, 55, 2514-2524. | 1.1 | 37 |
| 65 | Quantitative Analysis and Paleoecology of the Secor Coal and Roof-Shale Floras (Middle) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3 | 1.3 | 36 |
| 66 | Paleoecology of the Late Pennsylvanian-age Calhoun coal bed and implications for long-term dynamics of wetland ecosystems. International Journal of Coal Geology, 2007, 69, 21-54. | 5.0 | 36 |
| 67 | Palaeoecology of Macroneuropteris scheuchzeri, and its implications for resolving the paradox of â€˜xeromorphicâ€™ plants in Pennsylvanian wetlands. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 331-332, 162-176. | 2.3 | 36 |
| 68 | Wetlands through Time. , 2006, , . | | 36 |
| 69 | Diaphorodendraceae, fam. nov. (Lycopsida: Carboniferous): Systematics and Evolutionary Relationships of Diaphorodendron and Synchysidendron, gen. nov. American Journal of Botany, 1992, 79, 605. | 1.7 | 36 |
| 70 | Uplands, lowlands, and climate: Taphonomic megabiases and the apparent rise of a xeromorphic, drought-tolerant flora during the Pennsylvanian-Permian transition. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 559, 109965. | 2.3 | 35 |
| 71 | Small-Scale Spatial Heterogeneity in Pennsylvanian-Age Vegetation from the Roof Shale of the Springfield Coal (Illinois Basin). Palaios, 1989, 4, 276. | 1.3 | 33 |
| 72 | Biomass Allocation in Late Pennsylvanian Coal-Swamp Plants. Palaios, 1997, 12, 127. | 1.3 | 33 |

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| 73 | A low diversity, seasonal tropical landscape dominated by conifers and peltasperms: Early Permian Abo Formation, New Mexico. Review of Palaeobotany and Palynology, 2007, 145, 249-273. | 1.5 | 31 |
| 74 | CATASTROPHICALLY BURIED MIDDLE PENNSYLVANIAN SIGILLARIA AND CALAMITEAN SPHENOPSIDS FROM INDIANA, USA: WHAT KIND OF VEGETATION WAS THIS?. Palaios, 2009, 24, 159-166. | 1.3 | 31 |
| 75 | Growth habit of the late Paleozoic rhizomorphic treeâ€lycopsid family Diaphorodendraceae: Phylogenetic, evolutionary, and paleoecological significance. American Journal of Botany, 2013, 100, 1604-1625. | 1.7 | 31 |
| 76 | STEM AND LEAF CUTICLE OF KARINOPTERIS: SOURCE OF CUTICLES FROM THE INDIANA â€œPAPERâ€•COAL. American Journal of Botany, 1984, 71, 626-637. | 1.7 | 30 |
| 77 | The environmental implications of upper Paleozoic plant-fossil assemblages with mixtures of wetland and drought-tolerant taxa in tropical Pangea. Geobios, 2021, 68, 1-45. | 1.4 | 30 |
| 78 | Dryland vegetation from the Middle Pennsylvanian of Indiana (Illinois Basin): the dryland biome in glacioeustatic, paleobiogeographic, and paleoecologic context. Journal of Paleontology, 2016, 90, 785-814. | 0.8 | 29 |
| 79 | <i>Auritifolia</i> gen. nov., Probable Seed Plant Foliage with Comioid Affinities from the Early Permian of Texas, U.S.A.. International Journal of Plant Sciences, 2009, 170, 247-266. | 1.3 | 28 |
| 80 | Does extinction wield an axe or pruning shears? How interactions between phylogeny and ecology affect patterns of extinction. Paleobiology, 2011, 37, 72-91. | 2.0 | 28 |
| 81 | Paralycopodites Morey & Morey, from the Carboniferous of Euramerica -- A Reassessment of Generic Affinities and Evolution of "Lepidodendron" brevifolium Williamson. American Journal of Botany, 1980, 67, 1466. | 1.7 | 28 |
| 82 | Paleoecology of the Springfield Coal Member (Desmoinesian, Illinois Basin) near the Leslie Cemetery paleochannel, southwestern Indiana. International Journal of Coal Geology, 1995, 27, 59-98. | 5.0 | 26 |
| 83 | New insights on the stepwise collapse of the Carboniferous Coal Forests: Evidence from cyclothems and coniferopsid tree-stumps near the Desmoinesianâ€“Missourian boundary in Peoria County, Illinois, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 375-392. | 2.3 | 26 |
| 84 | Stem and Leaf Cuticle of Karinopteris: Source of Cuticles from the Indiana "Paper" Coal. American Journal of Botany, 1984, 71, 626. | 1.7 | 26 |
| 85 | Epidermal anatomy of Glenopteris splendens Sellards nov. emend., an enigmatic seed plant from the Lower Permian of Kansas (U.S.A.). Review of Palaeobotany and Palynology, 2005, 136, 159-180. | 1.5 | 25 |
| 86 | Callipterid peltasperms of the Dunkard Group, Central Appalachian Basin. International Journal of Coal Geology, 2013, 119, 56-78. | 5.0 | 25 |
| 87 | Reconstructing Extinct Plant Water Use for Understanding Vegetationâ€“Climate Feedbacks: Methods, Synthesis, and a Case Study Using the Paleozoic-Era Medullosan Seed Ferns. The Paleontological Society Papers, 2015, 21, 167-196. | 0.6 | 23 |
| 88 | A New Genus of Gigantopterid from the Middle Permian of the United States and China and Its Relevance to the Gigantopterid Concept. International Journal of Plant Sciences, 2011, 172, 107-119. | 1.3 | 22 |
| 89 | A Middle Pennsylvanian macrofloral assemblage from wetland deposits in Indiana (Illinois Basin): a taxonomic contribution with biostratigraphic, paleobiogeographic, and paleoecologic implications. Journal of Paleontology, 2016, 90, 589-631. | 0.8 | 22 |
| 90 | Calamitalean â€œpith castsâ€•reconsidered. Review of Palaeobotany and Palynology, 2012, 173, 1-14. | 1.5 | 21 |

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| 91 | The Artinskian Warming Event: an Euramerican change in climate and the terrestrial biota during the early Permian. Earth-Science Reviews, 2022, 226, 103922. | 9.1 | 21 |
| 92 | Conservatism of Late Pennsylvanian vegetational patterns during short-term cyclic and long-term directional environmental change, western equatorial Pangea. Geological Society Special Publication, 2013, 376, 201-234. | 1.3 | 20 |
| 93 | Early Permian (Asselian) vegetation from a seasonally dry coast in western equatorial Pangea: Paleoecology and evolutionary significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 433, 158-173. | 2.3 | 20 |
| 94 | The â€œseedsâ€•on<i>Padgettia readi</i>are insect galls: reassignment of the plant to<i>Odontopteris</i>, the gall to<i>Ovofoligallites</i>n. gen., and the evolutionary implications thereof. Journal of Paleontology, 2013, 87, 217-231. | 0.8 | 19 |
| 95 | Facies variability within a mixed carbonateâ€"siliciclastic sea-floor fan (upper Wolfcamp Formation,) Tj ETQq1 1 0.784314 rgBT /Overl | 1.5 | 19 |
| 96 | A Transect through a Clastic-Swamp to Peat-Swamp Ecotone in the Springfield Coal, Middle Pennsylvanian Age of Indiana, USA. Palaios, 1998, 13, 113. | 1.3 | 18 |
| 97 | The Okmulgee, Oklahoma fossil flora, a Mazon Creek equivalent: Spatial conservatism in the composition of Middle Pennsylvanian wetland vegetation over 1100km. Review of Palaeobotany and Palynology, 2014, 200, 24-52. | 1.5 | 18 |
| 98 | Carboniferous plant physiology breaks the mold. New Phytologist, 2020, 227, 667-679. | 7.3 | 18 |
| 99 | Pennsylvanian tropical floras from the United States as a record of changing climate. , 2008, , 305-316. | | 17 |
| 100 | A process-based ecosystem model (Paleo-BGC) to simulate the dynamic response of Late Carboniferous plants to elevated O<sub>2</sub> and aridification. Numerische Mathematik, 2020, 320, 547-598. | 1.4 | 17 |
| 101 | A Middle Pennsylvanian (early Asturian) tropical dry forest, Atokan-Desmoinesian boundary, Illinois Basin, USA. Spanish Journal of Paleontology, 2020, 31, 41. | 0.1 | 17 |
| 102 | Crustacean-bearing continental deposits in the Petrolia Formation (Leonardian Series, Lower Permian) of north-central Texas. Journal of Paleontology, 2002, 76, 486-494. | 0.8 | 15 |
| 103 | Vegetational zonation in a swamp forest, Middle Pennsylvanian, Illinois Basin, U.S.A., indicates niche differentiation in a wetland plant community. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 487, 71-92. | 2.3 | 15 |
| 104 | Ecological Stability during the Late Paleozoic Cold Interval. The Paleontological Society Papers, 2000, 6, 63-78. | 0.6 | 14 |
| 105 | An early Permian coastal flora dominated by Germaropteris martinsii from basinal sediments in the Midland Basin, West Texas. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 459, 409-422. | 2.3 | 13 |
| 106 | AN ABANDONED-CHANNEL FILL WITH EXQUISITELY PRESERVED PLANTS IN REDBEDS OF THE CLEAR FORK FORMATION, TEXAS, USA: AN EARLY PERMIAN WATER-DEPENDENT HABITAT ON THE ARID PLAINS OF PANGEA. Journal of Sedimentary Research, 2016, 86, 944-964. | 1.6 | 13 |
| 107 | Better together: Joint consideration of anatomy and morphology illuminates the architecture and life history of the Carboniferous arborescent lycopsid <i>Paralycopodites</i>. Journal of Systematics and Evolution, 2020, 58, 783-804. | 3.1 | 13 |
| 108 | Modeled physiological mechanisms for observed changes in the late Paleozoic plant fossil record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110056. | 2.3 | 13 |

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| 109 | Desmoinesian coal beds of the Eastern Interior and surrounding basins: The largest tropical peat mires in Earth history. , 2003, , . | | 12 |
| 110 | Plant architecture and spatial structure of an early Permian woodland buried by flood waters, Sangre de Cristo Formation, New Mexico. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 424, 91-110. | 2.3 | 11 |
| 111 | Impact of an icehouse climate interval on tropical vegetation and plant evolution. Stratigraphy, 2017, 14, 365-376. | 0.3 | 11 |
| 112 | Freeze tolerance influenced forest cover and hydrology during the Pennsylvanian. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 11 |
| 113 | Lithostratigraphy, Paleontology, Biostratigraphy, and Age of the Upper Paleozoic Abo Formation Near Jemez Springs, Northern New Mexico, USA. Annals of Carnegie Museum, 2012, 80, 323-350. | 0.5 | 9 |
| 114 | CRUSTACEAN-BEARING CONTINENTAL DEPOSITS IN THE PETROLIA FORMATION (LEONARDIAN SERIES, LOWER) Tj ETQq0 0 0 rgBT /Ove | 0.8 | 8 |
| 115 | Paleoecological and paleoenvironmental interpretation of three successive macrofloras and palynofloras from the Kola Switch locality, lower Permian (Archer City Formation, Bowie Group) of Clay County, Texas, USA. Palaontologische Zeitschrift, 2019, 93, 423-451. | 1.6 | 8 |
| 116 | Floras characteristic of Late Pennsylvanian peat swamps arose in the late Middle Pennsylvanian. Stratigraphy, 2017, 14, 123-141. | 0.3 | 8 |
| 117 | Fast or slow for the arborescent lycopsids?. New Phytologist, 2018, 218, 891-893. | 7.3 | 7 |
| 118 | <i>Stigmaria</i>: A Review of the Anatomy, Development, and Functional Morphology of the Rootstock of the Arboreous Lycopsids. International Journal of Plant Sciences, 2022, 183, 493-534. | 1.3 | 7 |
| 119 | Tiny Rhizomorphic Rooting Systems from the Early Permian Abo Formation of New Mexico, USA. International Journal of Plant Sciences, 2019, 180, 504-512. | 1.3 | 6 |
| 120 | Dominance-diversity architecture of a mixed hygromorphic-to-xeromorphic flora from a botanically | | |

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| 127 | Morphology and Paleoecology of Pennsylvanian-Age Coal-Swamp Plants. Notes for A Short Course Studies in Geology, 1986, 15, 97-114. | 0.1 | 4 |
| 128 | Validation of Synchysidendron , gen. nov. (Fossiles). Taxon, 1993, 42, 647-648. | 0.7 | 4 |
| 129 | Permian Coal Forest offers a glimpse of late Paleozoic ecology. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4717-4718. | 7.1 | 4 |
| 130 | Lower Permian Flora of the Sanzenbacher Ranch, Clay County, Texas. , 2018, , 95-126. | | 4 |
| 131 | Stelastellara baxter, axes of questionable gymnosperm affinity with unusual habit â€" Middle Pennsylvanian. Review of Palaeobotany and Palynology, 1979, 27, 103-117. | 1.5 | 3 |
| 132 | The Upward Outlook in Paleobotany - Paleobotany and the Evolution of Plants.Wilson N. Stewart Cambridge University Press, New York. 1983. 405 pp. - Plant Life in the Devonian.Patricia G. Gensel and Henry N. Andrews Praeger Publishers, New York. 1984. 380 pp.. Paleobiology, 1985, 11, 356-359. | 2.0 | 3 |
| 133 | Going underground: in search of Carboniferous coal forests. Geology Today, 2009, 25, 181-184. | 0.9 | 3 |
| 134 | The Pennsylvanian System in the Sacramento Mountains, New Mexico, USA. Smithsonian Contributions To Paleobiology, 2021, , iv-215. | 1.0 | 3 |
| 135 | A taxonomic revision of the late Paleozoic lyginopterid Sphenopteridium germanicum and description of its globose-stem growth habit. Review of Palaeobotany and Palynology, 2022, 298, 104591. | 1.5 | 3 |
| 136 | Tropical Biome Dynamics During the Pennsylvanian Ice Ages. The Paleontological Society Special Publications, 2014, 13, 129-130. | 0.0 | 2 |
| 137 | Lyons et al. reply. Nature, 2016, 538, E3-E4. | 27.8 | 1 |
| 138 | Prehistoric Wetlands. , 2021, , . | | 1 |
| 139 | Presentation of the Charles Schuchert Award of The Paleontological Society to Peter R. Crane. Journal of Paleontology, 1994, 68, 918-918. | 0.8 | 0 |
| 140 | Presentation of the 2015 Harrell L. Strimple Award of the Paleontological Society to Jack Wittry. Journal of Paleontology, 2017, 91, 1344-1344. | 0.8 | 0 |
| 141 | Plant Fossils from the Pennsylvanianâ€"Permian Transition in Western Pangea, Abo Pass, New Mexico. Smithsonian Contributions To Paleobiology, 2017, , 2-40. | 1.0 | 0 |
| 142 | Paleoecological and paleoenvironmental interpretation of three successive macrofloras and palynofloras from the Kola Switch locality, lower Permian (Archer City Formation, Bowie Group) of Clay County, Texas, USA. Palaontologische Zeitschrift, 2019, 93, 423-451. | 1.6 | 0 |