# Michael Wagreich

## List of Publications by Citations



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| 154 papers | 4,624 citations | 29 h-index | 64 g-index |
| 181 ext. papers | 5,596 ext. citations | 2.8 avg, IF | 5.62 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 154 | The Anthropocene is functionally and stratigraphically distinct from the Holocene. *Science*, **2016**, 351, aad2622 | 33.3 | 1050 |
| 153 | The geological cycle of plastics and their use as a stratigraphic indicator of the Anthropocene. *Anthropocene*, **2016**, 13, 4-17 | 3.9 | 387 |
| 152 | When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. *Quaternary International*, **2015**, 383, 196-203 | 2 | 357 |
| 151 | The Working Group on the Anthropocene: Summary of evidence and interim recommendations. *Anthropocene*, **2017**, 19, 55-60 | 3.9 | 198 |
| 150 | Upper Cretaceous oceanic red beds (CORBs) in the Tethys: occurrences, lithofacies, age, and environments. *Cretaceous Research*, **2005**, 26, 3-20 | 1.8 | 107 |
| 149 | Stratigraphic and Earth System approaches to defining the Anthropocene. *Earth's Future*, **2016**, 4, 324-345 | 7.9 | 106 |
| 148 | Global Boundary Stratotype Section and Point (GSSP) for the Anthropocene Series: Where and how to look for potential candidates. *Earth-Science Reviews*, **2018**, 178, 379-429 | 10.2 | 101 |
| 147 | Review: Short-term sea-level changes in a greenhouse world – A view from the Cretaceous. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 441, 393-411 | 2.9 | 93 |
| 146 | Timing of the Middle Miocene Badenian Stage of the Central Paratethys. *Geologica Carpathica*, **2014**, 65, 55-66 | 1.4 | 73 |
| 145 | Palaeogeography and geodynamic evolution of the Gosau Group of the Northern Calcareous Alps (Late Cretaceous, Eastern Alps, Austria). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **1994**, 110, 235-254 | 2.9 | 71 |
| 144 | Subduction tectonic erosion and Late Cretaceous subsidence along the northern Austroalpine margin (Eastern Alps, Austria). *Tectonophysics*, **1995**, 242, 63-78 | 3.1 | 69 |
| 143 | Cretaceous oceanic red beds as possible consequence of oceanic anoxic events. *Sedimentary Geology*, **2011**, 235, 27-37 | 2.8 | 68 |
| 142 | Making the case for a formal Anthropocene Epoch: an analysis of ongoing critiques. *Newsletters on Stratigraphy*, **2017**, 50, 205-226 | 2.9 | 66 |
| 141 | Geochemistry of fine-grained sediments of the upper Cretaceous to Paleogene Gosau Group (Austria, Slovakia): Implications for paleoenvironmental and provenance studies. *Geoscience Frontiers*, **2013**, 4, 449-468 | 6 | 58 |
| 140 | "OAE 3" – regional Atlantic organic carbon burial during the Coniacian–Santonian. *Climate of the Past*, **2012**, 8, 1447-1455 | 3.9 | 58 |
| 139 | Marine rapid environmental/climatic change in the Cretaceous greenhouse world. *Cretaceous Research*, **2012**, 38, 1-6 | 1.8 | 53 |
| 138 | Paleoceanographic changes at the northern Tethyan margin during the Cenomanian–Turonian Oceanic Anoxic Event (OAE-2). *Marine Micropaleontology*, **2010**, 77, 25-45 | 1.7 | 49 |

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| 137 | Colonization of the Americas, Little Ice Age climate, and bomb-produced carbon: Their role in defining the Anthropocene. *Infrastructure Asset Management*, **2015**, 2, 117-127 | 1.8 | 48 |
| 136 | The Anthropocene: a conspicuous stratigraphical signal of anthropogenic changes in production and consumption across the biosphere. *Earth's Future*, **2016**, 4, 34-53 | 7.9 | 48 |
| 135 | Upper Cretaceous oceanic red beds (CORB) in the Northern Calcareous Alps (Nierental Formation, Austria): slope topography and clastic input as primary controlling factors. *Cretaceous Research*, **2005**, 26, 57-64 | 1.8 | 47 |
| 134 | Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. *Communications Earth & Environment*, **2020**, 1, | 6.1 | 44 |
| 133 | Lower Miocene structural evolution of the central Vienna Basin (Austria). *Marine and Petroleum Geology*, **2010**, 27, 666-681 | 4.7 | 41 |
| 132 | Subcrustal tectonic erosion in orogenic belts A model for the Late Cretaceous subsidence of the Northern Calcareous Alps (Austria). *Geology*, **1993**, 21, 941 | 5 | 39 |
| 131 | 3-D mapping of segmented active faults in the southern Vienna Basin. *Quaternary Science Reviews*, **2005**, 24, 321-336 | 3.9 | 38 |
| 130 | High resolution stratigraphy of the Jurassic-Cretaceous boundary interval in the Gresten Klippenbelt (Austria). *Geologica Carpathica*, **2010**, 61, 365-381 | 1.4 | 37 |
| 129 | Sedimentary tectonics and subsidence modelling of the type Upper Cretaceous Gosau basin (Northern Calcareous Alps, Austria). *International Journal of Earth Sciences*, **2001**, 90, 714-726 | 2.2 | 36 |
| 128 | The Mesozoic amber of Schliersee (southern Germany) is Cretaceous in age. *Cretaceous Research*, **2001**, 22, 423-428 | 1.8 | 33 |
| 127 | Backstripping dip-slip fault histories: apparent slip rates for the Miocene of the Vienna Basin. *Terra Nova*, **2002**, 14, 163-168 | 3 | 30 |
| 126 | Cretaceous flysch and pelagic sequences of the Eastern Alps: correlations, heavy minerals, and palaeogeographic implications. *Cretaceous Research*, **1992**, 13, 387-403 | 1.8 | 30 |
| 125 | Turonian Oceanic Red Beds in the Eastern Alps: Concepts for palaeoceanographic changes in the Mediterranean Tethys. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2007**, 251, 222-238 | 2.9 | 29 |
| 124 | Early mining and smelting lead anomalies in geological archives as potential stratigraphic markers for the base of an early Anthropocene. *Infrastructure Asset Management*, **2018**, 5, 177-201 | 1.8 | 28 |
| 123 | The Anthropocene: Comparing Its Meaning in Geology (Chronostratigraphy) with Conceptual Approaches Arising in Other Disciplines. *Earth's Future*, **2021**, 9, e2020EF001896 | 7.9 | 28 |
| 122 | Nannofossil biostratigraphy, strontium and carbon isotope stratigraphy, cyclostratigraphy and an astronomically calibrated duration of the Late Campanian Zone. *Cretaceous Research*, **2012**, 38, 80-96 | 1.8 | 27 |
| 121 | Karst morphology and groundwater vulnerability of high alpine karst plateaus. *Environmental Geology*, **2009**, 58, 285-297 | | 27 |
| 120 | Depositional and organic carbon-controlled regimes during the Coniacian-Santonian event: First results from the southern Tethys (Egypt). *Marine and Petroleum Geology*, **2020**, 115, 104285 | 4.7 | 25 |

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| 119 | High-resolution mapping of glacial landforms in the North Alpine Foreland, Austria. *Geomorphology*, **2010**, 122, 283-293 | 4.3 | 25 |
| 118 | Cyclostratigraphic dating in the Lower Badenian (Middle Miocene) of the Vienna Basin (Austria): the Baden-Sooss core. *International Journal of Earth Sciences*, **2009**, 98, 915-930 | 2.2 | 25 |
| 117 | Tectonics and sedimentation in the Fohnsdorf-Seckau Basin (Miocene, Austria): from a pull-apart basin to a half-graben. *International Journal of Earth Sciences*, **2001**, 90, 549-559 | 2.2 | 25 |
| 116 | The Neogene Fohnsdorf Basin: basin formation and basin inversion during lateral extrusion in the Eastern Alps (Austria). *International Journal of Earth Sciences*, **2000**, 89, 415-430 | 2.2 | 25 |
| 115 | A 400-km-long piggyback basin (Upper Aptian–lower Cenomanian) in the Eastern Alps. *Terra Nova*, **2001**, 13, 401-406 | 3 | 24 |
| 114 | Correlation of late Cretaceous calcareous nannofossil zones with ammonite zones and planktonic Foraminifera: the Austrian Gosau sections. *Cretaceous Research*, **1992**, 13, 505-516 | 1.8 | 24 |
| 113 | Aquifer-eustasy as the main driver of short-term sea-level fluctuations during Cretaceous hothouse climate phases. *Geological Society Special Publication*, **2020**, 498, 9-38 | 1.7 | 24 |
| 112 | Mid-Cretaceous desert system in the Simao Basin, southwestern China, and its implications for sea-level change during a greenhouse climate. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2017**, 468, 529-544 | 2.9 | 23 |
| 111 | A formal Anthropocene is compatible with but distinct from its diachronous anthropogenic counterparts: a response to W.F. Ruddiman's "Three flaws in defining a formal Anthropocene". *Progress in Physical Geography*, **2019**, 43, 319-333 | 3.5 | 22 |
| 110 | Climate as main factor controlling the sequence development of two Pleistocene alluvial fans in the Vienna Basin (eastern Austria) – A numerical modelling approach. *Geomorphology*, **2010**, 115, 215-227 | 4.3 | 22 |
| 109 | Late Cretaceous to Early Tertiary palaeogeography of the Western Carpathians (Slovakia) and the Eastern Alps (Austria): implications from heavy mineral data. *Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie*, **1995**, 84, 187 | | 22 |
| 108 | Strike-slip tectonics and Quaternary basin formation along the Vienna Basin fault system inferred from Bouguer gravity derivatives. *Tectonics*, **2012**, 31, n/a-n/a | 4.3 | 21 |
| 107 | Hot-house climate during the Triassic/Jurassic transition: The evidence of climate change from the southern hemisphere (Salt Range, Pakistan). *Global and Planetary Change*, **2019**, 172, 15-32 | 4.2 | 21 |
| 106 | Maastrichtian oil shale deposition on the southern Tethys margin, Egypt: Insights into greenhouse climate and paleoceanography. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2018**, 505, 18-32 | 2.9 | 21 |
| 105 | Geochemical fingerprinting of Maastrichtian oil shales from the Central Eastern Desert, Egypt: Implications for provenance, tectonic setting, and source area weathering. *Geological Journal*, **2018**, 53, 2597-2612 | 1.7 | 20 |
| 104 | Causes of oxic–anoxic changes in Cretaceous marine environments and their implications for Earth systems—An introduction. *Sedimentary Geology*, **2011**, 235, 1-4 | 2.8 | 20 |
| 103 | The Santonian–Campanian boundary and the end of the Long Cretaceous Normal Polarity-Chron: Isotope and plankton stratigraphy of a pelagic reference section in the NW Tethys (Austria). *Newsletters on Stratigraphy*, **2018**, 51, 445-476 | 2.9 | 20 |
| 102 | Polyphase tectonic subsidence evolution of the Vienna Basin inferred from quantitative subsidence analysis of the northern and central parts. *International Journal of Earth Sciences*, **2017**, 106, 687-705 | 2.2 | 19 |

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| 101 | DeCompactionTool: Software for subsidence analysis including statistical error quantification. *Computers and Geosciences*, **2008**, 34, 1454-1460 | 4.5 | 19 |
| 100 | Palaeoenvironmental changes in the northwestern Tethys during the Late Campanian Radotruncana calcarata Zone: Implications from stable isotopes and geochemistry. *Chemical Geology*, **2016**, 420, 280-296 | 4.2 | 18 |
| 99 | Time calibration of sedimentary sections based on insolation cycles using combined cross-correlation: dating the gone Badenian stratotype (Middle Miocene, Paratethys, Vienna Basin, Austria) as an example. *International Journal of Earth Sciences*, **2012**, 101, 339-349 | 2.2 | 18 |
| 98 | BasinVis 1.0: A MATLAB -based program for sedimentary basin subsidence analysis and visualization. *Computers and Geosciences*, **2016**, 91, 119-127 | 4.5 | 18 |
| 97 | Late Santonian bioevents in the Schattau section, Gosau Group of Austria Implications for the SantonianCampanian boundary stratigraphy. *Cretaceous Research*, **2010**, 31, 181-191 | 1.8 | 16 |
| 96 | Provenance evolution of collapse graben fill in the HimalayaThe Miocene to Quaternary Thakkhola-Mustang Graben (Nepal). *Sedimentary Geology*, **2011**, 233, 1-14 | 2.8 | 16 |
| 95 | Calcareous nannoplankton, planktonic foraminiferal, and carbonate carbon isotope stratigraphy of the CenomanianTuronian boundary section in the Ultrahelvetic Zone (Eastern Alps, Upper Austria). *Cretaceous Research*, **2008**, 29, 965-975 | 1.8 | 16 |
| 94 | Geochemistry of Cretaceous Oceanic Red Beds A synthesis. *Sedimentary Geology*, **2011**, 235, 72-78 | 2.8 | 15 |
| 93 | Palaeoecological and post-depositional changes recorded in CampanianMaastrichtian black shales, Abu Tartur plateau, Egypt. *Cretaceous Research*, **2014**, 50, 38-51 | 1.8 | 14 |
| 92 | Organic-walled dinoflagellate cyst biostratigraphy of the Well HFlein 6 in the CretaceousPaleogene Rhenodanubian Flysch Zone (Vienna Basin, Austria). *Geologica Carpathica*, **2013**, 64, 209-230m | 1.4 | 14 |
| 91 | Climate and tectonic controls on Pleistocene sequence development and river evolution in the Southern Vienna Basin (Austria). *Quaternary International*, **2010**, 222, 154-167 | 2 | 14 |
| 90 | Age and significance of Upper Cretaceous siliciclastic turbidites in the central Pindos Mountains, Greece. *Geological Magazine*, **1996**, 133, 325-331 | 2 | 13 |
| 89 | Geochemistry and palynology of the upper Albian at the Abu Gharadig Basin, southern Tethys: Constraints on the oceanic anoxic event 1d. *Geological Journal*, **2020**, 55, 6338-6360 | 1.7 | 12 |
| 88 | Mid-Cretaceous aeolian desert systems in the Yunlong area of the Lanping Basin, China: Implications for palaeoatmosphere dynamics and paleoclimatic change in East Asia. *Sedimentary Geology*, **2018**, 364, 121-140 | 2.8 | 12 |
| 87 | Paleoclimatic variability in the southern Tethys, Egypt: Insights from the mineralogy and geochemistry of Upper Cretaceous lacustrine organic-rich deposits. *Cretaceous Research*, **2021**, 126, 104880 | 1.8 | 12 |
| 86 | Chronology of subduction and collision along the mir-Ankara suture in Western Anatolia: records from the Central Sakarya Basin. *International Geology Review*, **2019**, 61, 1244-1269 | 2.3 | 11 |
| 85 | Provenance of the Upper Cretaceous to Eocene Gosau Group around and beneath the Vienna Basin (Austria and Slovakia). *Swiss Journal of Geosciences*, **2013**, 106, 505-527 | 2.1 | 11 |
| 84 | Middle Jurassic stromatactis mud-mound in the Pieniny Klippen Belt (Western Carpathians). *Facies*, **2002**, 47, 113-126 | 1.8 | 11 |

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| 83 | Pre-Tertiary blueschist terrains in the Hellenides: evidence from detrital minerals of flysch successions. *Terra Nova*, **1996**, 8, 186-190 | 3 | 11 |
| 82 | Late Cretaceous climbing erg systems in the western Xinjiang Basin: Palaeoatmosphere dynamics and East Asia margin tectonic forcing on desert expansion and preservation. *Marine and Petroleum Geology*, **2018**, 93, 539-552 | 4.7 | 10 |
| 81 | Plankton biostratigraphy and magnetostratigraphy of the Santonian–Campanian boundary interval in the Mudurnu–Göynük Basin, northwestern Turkey. *Cretaceous Research*, **2018**, 87, 296-311 | 1.8 | 10 |
| 80 | Source area and tectonic control on alluvial-fan development in the Miocene Fohnsdorf intramontane basin, Austria. *Geological Society Special Publication*, **2005**, 251, 207-216 | 1.7 | 10 |
| 79 | Overview of Cretaceous Oceanic Red Beds (CORBs): A Window on Global Oceanic and Climate Change **2009**, 13-33 | | 10 |
| 78 | Assessing pelagic palaeoenvironments using foraminiferal assemblages – A case study from the late Campanian Radotruncana calcarata Zone (Upper Cretaceous, Austrian Alps). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 441, 467-492 | 2.9 | 9 |
| 77 | Depositional constraints and diagenetic pathways controlling petrophysics of Middle Miocene shallow-water carbonate reservoirs (Leitha limestones), Central Paratethys, Austria-Hungary. *Marine and Petroleum Geology*, **2018**, 91, 586-598 | 4.7 | 9 |
| 76 | Latest Pannonian and Quaternary evolution at the transition between Eastern Alps and Pannonian Basin: new insights from geophysical, sedimentological and geochronological data. *International Journal of Earth Sciences*, **2017**, 106, 1695-1721 | 2.2 | 9 |
| 75 | Compaction trend estimation and applications to sedimentary basin reconstruction (BasinVis 2.0). *Applied Computing and Geosciences*, **2020**, 5, 100015 | 2.8 | 9 |
| 74 | Provenance Characterization of Campanian Lacustrine Organic-Rich Mudstones on the Southern Tethyan Margin, Egypt. *ACS Earth and Space Chemistry*, **2021**, 5, 197-209 | 3.2 | 9 |
| 73 | Integrated palaeo-environmental proxies of the Campanian to Danian organic-rich Quseir section, Egypt. *Marine and Petroleum Geology*, **2017**, 86, 771-786 | 4.7 | 8 |
| 72 | Tethyan plankton bioevents calibrated to stable isotopes across the upper Santonian–lower Campanian transition in north-western Tunisia. *Cretaceous Research*, **2018**, 85, 128-141 | 1.8 | 8 |
| 71 | Biostratigraphy and paleoenvironments in a northwestern Tethyan Cenomanian-Turonian boundary section (Austria) based on palynology and calcareous nannofossils. *Cretaceous Research*, **2012**, 38, 103-112 | 1.8 | 8 |
| 70 | Biostratigraphy of the lower red shale interval in the Rhenodanubian Flysch Zone of Austria. *Cretaceous Research*, **2006**, 27, 743-753 | 1.8 | 8 |
| 69 | Correlation of calcareous nannofossil zones to the local first occurrence of Pachydiscus neubergicus (von Hauer, 1858) (Ammonoidea) in European Upper Cretaceous sections. *Geologie En Mijnbouw/Netherlands Journal of Geosciences*, **2003**, 82, 283-288 | 1.1 | 8 |
| 68 | The upper Coniacian to upper Santonian drowned Arabian carbonate platform, the Mardin-Mazidag area, SE Turkey: Sedimentological, stratigraphic, and ichthyofaunal records. *Cretaceous Research*, **2018**, 84, 153-167 | 1.8 | 7 |
| 67 | Provenance and palaeogeographic evolution of Lower Miocene sediments in the eastern North Alpine Foreland Basin. *Swiss Journal of Geosciences*, **2019**, 112, 269-286 | 2.1 | 7 |
| 66 | 3D visualization of the sedimentary fill and subsidence evolution in the northern and central Vienna Basin (Miocene). *Austrian Journal of Earth Sciences*, **2016**, 109, | 0.9 | 7 |

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| 65 | The Great Acceleration is real and provides a quantitative basis for the proposed Anthropocene Series/Epoch. *Episodes*, **2021**, | 1.6 | 7 |
| 64 | Middle to Late Pleistocene multi-proxy record of environmental response to climate change from the Vienna Basin, Central Europe (Austria). *Quaternary Science Reviews*, **2017**, 173, 193-210 | 3.9 | 6 |
| 63 | A calcite crisis unravelling Early Miocene (Ottnangian) stratigraphy in the North Alpine–Carpathian Foreland Basin: a litho- and chemostratigraphic marker for the Rzehakia Lake System. *Geologica Carpathica*, **2018**, 69, 315-334 | 1.4 | 6 |
| 62 | Coniacian–Santonian Oceanic Red Beds and Their Link to Oceanic Anoxic Event 3 **2009**, 235-242 | | 6 |
| 61 | A quantitative look on northwestern Tethyan foraminiferal assemblages, Campanian Nierental Formation, Austria. *PeerJ*, **2016**, 4, e1757 | 3.1 | 6 |
| 60 | Vertebrate remains from the Turonian (Upper Cretaceous) Gosau Group of Gams, Austria. *Cretaceous Research*, **2019**, 99, 190-208 | 1.8 | 5 |
| 59 | Subsidence Analysis and Visualization. *SpringerBriefs in Petroleum Geoscience & Engineering*, **2019**, | 0.1 | 5 |
| 58 | Numerical modelling of clast rotation during soft-sediment deformation: a case study in Miocene delta deposits. *International Journal of Earth Sciences*, **2006**, 95, 921-928 | 2.2 | 5 |
| 57 | Coarsening-upward fan-delta sequences in the Lower Streiteck Formation (Santonian) of the Gosau Group near Gosau (Upper Austria). *Neues Jahrbuch Für Geologie Und Paläontologie*, **1989**, 1989, 47-64 | | 5 |
| 56 | Upper Cretaceous volcaniclastic complexes and calcareous plankton biostratigraphy in the Western Pontides, NW Turkey. *Turkish Journal of Earth Sciences*, **2019**, 28, 187-206 | 1.5 | 5 |
| 55 | The pelagic archive of short-term sea-level change in the Cretaceous: a review of proxies linked to orbital forcing. *Geological Society Special Publication*, **2020**, 498, 39-56 | 1.7 | 5 |
| 54 | Short-Term Sea Level Changes of the Upper Cretaceous Carbonates: Calibration between Palynomorphs Composition, Inorganic Geochemistry, and Stable Isotopes. *Minerals (Basel, Switzerland)*, **2020**, 10, 1099 | 2.4 | 5 |
| 53 | Orbital cyclicity in sedimentary sequence and climatic indications of C-O isotopes from Lower Cretaceous in Qingxi Sag, Jiuquan Basin, NW China. *Geoscience Frontiers*, **2019**, 10, 467-479 | 6 | 5 |
| 52 | Ostracods as proxies for marginal marine to non-marine intervals in the mid-Cretaceous carbonate platform of the Central Tunisian Atlas (North Africa): Response to major short-term sea-level falls. *Cretaceous Research*, **2021**, 117, 104581 | 1.8 | 5 |
| 51 | A review of low-latitude Tethyan calcareous nannoplankton assemblages of the Cretaceous **1992**, 45-55 | | 4 |
| 50 | Sedimentation and glaciations during the Pleistocene: Palaeoclimate reconstruction in the Peshawar Basin, Pakistan. *Geological Journal*, **2020**, 55, 671-693 | 1.7 | 4 |
| 49 | An introduction to causes and consequences of Cretaceous sea-level changes (IGCP 609). *Geological Society Special Publication*, **2020**, 498, 1-8 | 1.7 | 4 |
| 48 | Regional sediment sources versus the Indus River system: The Plio-Pleistocene of the Peshawar Basin (NW-Pakistan). *Sedimentary Geology*, **2019**, 389, 26-41 | 2.8 | 3 |

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| 47 | Early Miocene expansion of C4 vegetation on the northern Tibetan Plateau. *Global and Planetary Change*, **2019**, 177, 173-185 | 4.2 | 3 |
| 46 | Geochemistry, environmental and provenance study of the Middle Miocene Leitha limestones (Central Paratethys). *Geologica Carpathica*, **2017**, 68, 248-268 | 1.4 | 3 |
| 45 | A Periglacial Palaeoenvionment in the Upper Carboniferous–Lower Permian Tobra Formation of the Salt Range, Pakistan. *Acta Geologica Sinica*, **2017**, 91, 1063-1078 | 0.7 | 3 |
| 44 | Upper bathyal trace fossils document palaeoclimate changes. *Terra Nova*, **2009**, 21, 229-236 | 3 | 3 |
| 43 | Chapter E3 The Campanian-Maastrichtian boundary in northern Spain (Navarra province): The Imiscoz and Erro sections. *Developments in Palaeontology and Stratigraphy*, **2001**, 19, 723-744 | | 3 |
| 42 | Subcrustal tectonic erosion in orogenic belts-A model for the Late Cretaceous subsidence of the Northern Calcareous Alps (Austria): Comment and Reply. *Geology*, **1994**, 22, 855 | 5 | 3 |
| 41 | Microbially-driven formation of Cenozoic siderite and calcite concretions from eastern Austria. *Austrian Journal of Earth Sciences*, **2016**, 109, | 0.9 | 3 |
| 40 | Facies, palaeogeography and stratigraphy of the lower Miocene Traisen Formation and Wildendürnbach Formation (former Oncophora Beds) in the Molasse Zone of Lower Austria. *Austrian Journal of Earth Sciences*, **2018**, 111, 75-91 | 0.9 | 3 |
| 39 | Cretaceous Oceanic Red Beds (CORBs) in the Austrian Eastern Alps: Passive-Margin vs. Active-Margin Depositional Settings **2009**, 73-88 | | 3 |
| 38 | "OAE 3"–a low- to mid-latitude Atlantic oceanic event during the Coniacian-Santonian | | 3 |
| 37 | Trace metals as markers for historical anthropogenic contamination: Evidence from the Peshawar Basin, Pakistan. *Science of the Total Environment*, **2020**, 703, 134926 | 10.2 | 3 |
| 36 | Quantitative compaction trends of Miocene to Holocene carbonates off the west coast of Australia. *Australian Journal of Earth Sciences*,1-13 | 1.4 | 3 |
| 35 | Investigating Mesozoic Climate Trends and Sensitivities With a Large Ensemble of Climate Model Simulations. *Paleoceanography and Paleoclimatology*, **2021**, 36, e2020PA004134 | 3.3 | 3 |
| 34 | Climate variability and paleoceanography during the Late Cretaceous: Evidence from palynology, geochemistry and stable isotopes analyses from the southern Tethys. *Cretaceous Research*, **2021**, 126, 104831 | 1.8 | 3 |
| 33 | Climate-environmental Deteriorations in a Greenhouse Earth System: Causes and Consequences of Short-Term Cretaceous Sea-Level Changes (a Report on IGCP 609). *Acta Geologica Sinica*, **2019**, 93, 144-146 | 0.7 | 2 |
| 32 | Late Cretaceous stratigraphy in the Mudurnu–Göynük Basin (Turkey) and inferences on sea-level change in the Late Campanian to Early Maastrichtian. *Geological Society Special Publication*, **2020**, 498, 129-146 | 1.7 | 2 |
| 31 | Carbon, oxygen and strontium isotopes as a tool to decipher marine and non-marine environments: Implications from a case study of cyclic Upper Cretaceous sediments. *Geological Society Special Publication*, **2013**, 382, 123-141 | 1.7 | 2 |
| 30 | Jurassic–Cretaceous radiolarian-bearing strata from the Gresten Klippen Zone and the St. Veit Klippen Zone (Wienerwald, Eastern Alps, Austria): Implications for stratigraphy and paleogeography. *Austrian Journal of Earth Sciences*, **2018**, 111, 204-222 | 0.9 | 2 |

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| 29 | Report on the ?International Workshop on Climate and Environmental Evolution in the Mesozoic Greenhouse World and 3rd IGCP 609 Workshop on Cretaceous Sea-Level Change?. *Episodes*, **2016**, 39, 616-618 | 1.6 | 2 |
| 28 | Stratigraphic Constraints on Climate Control of Lower Cretaceous Oceanic Red Beds in the Northern Calcareous Alps (Austria) **2009**, 91-98 | | 2 |
| 27 | Cenomanian□Turonian drowning of the Arabian Carbonate Platform, the □id□dere section, Ad□aman, SE Turkey. *Geological Society Special Publication*, **2020**, 498, 189-210 | 1.7 | 2 |
| 26 | Late Holocene periods of copper mining in the Eisenerz Alps (Austria) deduced from calcareous lake deposits. *Anthropocene*, **2021**, 33, 100273 | 3.9 | 2 |
| 25 | Cenozoic growth of the Eastern Kunlun Range (northern Tibetan Plateau): evidence from sedimentary records in the southwest Qaidam Basin. *International Geology Review*, **2021**, 63, 769-786 | 2.3 | 2 |
| 24 | Paleocene-Eocene Calcareous Nannofossil Biostratigraphy and ´Cyclostratigraphy From the Neo-Tethys, Pabdeh Formation of the Zagros Basin (Iran). *Stratigraphy & Timescales*, **2018**, 357-383 | 0.8 | 2 |
| 23 | Living environment of the early Jehol Biota: A case study from the Lower Cretaceous Dabeigou Formation, Luanping Basin (North China). *Cretaceous Research*, **2021**, 124, 104833 | 1.8 | 2 |
| 22 | Subsidence Visualization. *SpringerBriefs in Petroleum Geoscience & Engineering*, **2019**, 37-54 | 0.1 | 1 |
| 21 | Clay mineralogy of Miocene mudstones from the Lower Austrian Molasse Basin. *Austrian Journal of Earth Sciences*, **2020**, 113, 125-138 | 0.9 | 1 |
| 20 | Anthropogenic and climate signals in late-Holocene peat layers of an ombrotrophic bog in the Styrian Enns valley (Austrian Alps). *E&G Quaternary Science Journal*, **2020**, 69, 121-137 | 1.9 | 1 |
| 19 | Base and New Definition of the Lower Badenian and the Age of the Badenian Stratotype (Middle Miocene, Central Paratethys). *Springer Geology*, **2014**, 615-618 | 0.8 | 1 |
| 18 | Do Old Mining Waste Deposits from Austria Define an □Old□Anthropocene?. *Springer Geology*, **2014**, 981-982 | 0.8 | 1 |
| 17 | A late Jurassic carbon-isotope record from the Qiangtang Basin (Tibet), eastern Tethys, and its palaeoceanographic implications. *Global and Planetary Change*, **2020**, 195, 103349 | 4.2 | 1 |
| 16 | Multi-proxy analyses of a minerotrophic fen to reconstruct prehistoric periods of human activity associated with salt mining in the Hallstatt region (Austria). *Journal of Archaeological Science: Reports*, **2021**, 36, 102813 | 0.7 | 1 |
| 15 | Sedimentology and sediment geochemistry of the pelagic Paryab section (Zagros Mountains, Iran): implications for sea level fluctuations and paleoenvironments in the late Paleocene to middle Eocene. *Arabian Journal of Geosciences*, **2021**, 14, 1 | 1.8 | 1 |
| 14 | Multi-Proxy Provenance Analyses of the Kingriali and Datta Formations (Triassic□Jurassic Transition): Evidence for Westward Extension of the Neo-Tethys Passive Margin from the Salt Range (Pakistan). *Minerals (Basel, Switzerland)*, **2021**, 11, 573 | 2.4 | 1 |
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