

# David Bajnai

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

642  
citations

840776

11  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Improved <sup>17</sup> O Correction on Interlaboratory Agreement in Clumped Isotope Calibrations, Estimates of Mineral-Specific Offsets, and Temperature Dependence of Acid Digestion Fractionation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3495-3519.	2.5	134
2	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009588.	2.5	110
3	Dual clumped isotope thermometry resolves kinetic biases in carbonate formation temperatures. <i>Nature Communications</i> , 2020, 11, 4005.	12.8	70
4	Combined high-precision $\delta^{18}O$ and $\delta^{17}O$ analysis of carbonates. <i>Chemical Geology</i> , 2019, 522, 186-191.	3.3	54
5	New multiproxy record of the Jenkyns Event (also known as the Toarcian Oceanic Anoxic Event) from the Mecsek Mountains (Hungary): Differences, duration and drivers. <i>Sedimentology</i> , 2017, 64, 66-86.	3.1	47
6	Assessing kinetic fractionation in brachiopod calcite using clumped isotopes. <i>Scientific Reports</i> , 2018, 8, 533.	3.3	47
7	Clumped isotope record of salinity variations in the Subboreal Province at the Middle-Late Jurassic transition. <i>Global and Planetary Change</i> , 2018, 167, 172-189.	3.5	45
8	Synchronous cooling and decline in monsoonal rainfall in northeastern Tibet during the fall into the Oligocene icehouse. <i>Geology</i> , 2019, 47, 203-206.	4.4	45
9	Southern high-latitude warmth during the Jurassic-Cretaceous: New evidence from clumped isotope thermometry. <i>Geology</i> , 2019, 47, 724-728.	4.4	28
10	Carbonate clumped isotope evidence for latitudinal seawater temperature gradients and the oxygen isotope composition of Early Cretaceous seas. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 552, 109777.	2.3	24
11	Multi-proxy record of orbital-scale changes in climate and sedimentation during the Weissert Event in the Valanginian Bersek Marl Formation (Gerecse Mts., Hungary). <i>Cretaceous Research</i> , 2017, 75, 45-60.	1.4	16
12	Refining the temperature dependence of the oxygen and clumped isotopic compositions of structurally bound carbonate in apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 253, 19-38.	3.9	12
13	Devils Hole Calcite Was Precipitated at $\pm 1^\circ\text{C}$ Stable Aquifer Temperatures During the Last Half Million Years. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093257.	4.0	6
14	Warm High-Elevation Mid-Latitudes During the Miocene Climatic Optimum: Paleosol Clumped Isotope Temperatures From the Northern Rocky Mountains, USA. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003991.	2.9	3
15	Kinetic Oxygen Isotope Fractionation between Water and Aqueous OH <sup>-</sup> during Hydroxylation of CO <sub>2</sub> . <i>ACS Earth and Space Chemistry</i> , 0, , .	2.7	1
16	Kapcsolt izotópok (clumped isotopes) a földtudományi kutatásokban. <i>Földtani Közlekedés</i> , 2017, 147, 177.	0.4	0
17	A ciklussztratigráfia és az asztrokronológia korszerű mérései az alkalmazásuk. <i>Földtani Közlekedés</i> , 2020, 150, 489.	0.4	0