

Thierry Adatte

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

11,120
citations

361045

20
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

33259
citing authors

#	ARTICLE	IF	CITATIONS
1	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019, 9, 18430.	1.6	9,028
2	U-Pb geochronology of the Deccan Traps and relation to the end-Cretaceous mass extinction. <i>Science</i> , 2015, 347, 182-184.	6.0	390
3	U-Pb constraints on pulsed eruption of the Deccan Traps across the end-Cretaceous mass extinction. <i>Science</i> , 2019, 363, 862-866.	6.0	304
4	Mercury anomaly, Deccan volcanism, and the end-Cretaceous mass extinction. <i>Geology</i> , 2016, 44, 171-174.	2.0	144
5	Polar record of Early Jurassic massive carbon injection. <i>Earth and Planetary Science Letters</i> , 2011, 312, 102-113.	1.8	142
6	Late Cretaceous sea-level changes in Tunisia: a multi-disciplinary approach. <i>Journal of the Geological Society</i> , 2000, 157, 447-458.	0.9	133
7	Continental weathering and redox conditions during the early Toarcian Oceanic Anoxic Event in the northwestern Tethys: Insight from the Posidonia Shale section in the Swiss Jura Mountains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 429, 83-99.	1.0	128
8	Platform-induced clay-mineral fractionation along a northern Tethyan basin-platform transect: implications for the interpretation of Early Cretaceous climate change (Late Hauterivian-Early Aptian). <i>Cretaceous Research</i> , 2008, 29, 830-847.	0.6	97
9	Calibrating the magnitude of the Toarcian carbon cycle perturbation. <i>Paleoceanography</i> , 2015, 30, 495-509.	3.0	97
10	Cenomanian-Turonian and $\delta^{13}C$, and $\delta^{18}O$, sea level and salinity variations at Pueblo, Colorado. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 211, 19-43.	1.0	87
11	The Toarcian Oceanic Anoxic Event in southwestern Gondwana: an example from the Andean Basin, northern Chile. <i>Journal of the Geological Society</i> , 2018, 175, 883-902.	0.9	71
12	Coastal sediments from the Algarve: low-latitude climate archive for the Aptian-Albian. <i>International Journal of Earth Sciences</i> , 2008, 97, 785-797.	0.9	67
13	Mercury enrichment indicates volcanic triggering of Valanginian environmental change. <i>Scientific Reports</i> , 2017, 7, 40808.	1.6	67
14	Mercury linked to Deccan Traps volcanism, climate change and the end-Cretaceous mass extinction. <i>Global and Planetary Change</i> , 2020, 194, 103312.	1.6	59
15	Global versus local processes during the Pliensbachian-Toarcian transition at the Peniche GSSP, Portugal: A multi-proxy record. <i>Earth-Science Reviews</i> , 2019, 198, 102932.	4.0	58
16	The Early Toarcian oceanic anoxic event: Paleoenvironmental and paleoclimatic change across the Alpine Tethys (Switzerland). <i>Global and Planetary Change</i> , 2018, 162, 53-68.	1.6	53
17	Effect of Intense Weathering and Postdepositional Degradation of Organic Matter on Hg/TOC Proxy in Organic-rich Sediments and its Implications for Deep-Time Investigations. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008707.	1.0	43
18	U-Pb zircon age constraints on the earliest eruptions of the Deccan Large Igneous Province, Malwa Plateau, India. <i>Earth and Planetary Science Letters</i> , 2020, 540, 116249.	1.8	40

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19	Late Maastrichtian–early Danian high-stress environments and delayed recovery linked to Deccan volcanism. <i>Cretaceous Research</i> , 2014, 49, 63-82.	0.6	35
20	Origin of Turbidites In Deep Lake Geneva (France–Switzerland) In the Last 1500 Years. <i>Journal of Sedimentary Research</i> , 2015, 85, 1455-1465.	0.8	26
21	Pliensbachian environmental perturbations and their potential link with volcanic activity: Swiss and British geochemical records. <i>Sedimentary Geology</i> , 2020, 406, 105665.	1.0	14
22	Volcanic origin of the mercury anomalies at the Cretaceous-Paleogene transition of Bidart, France. <i>Geology</i> , 2022, 50, 142-146.	2.0	13
23	Climatic fluctuations and seasonality during the Kimmeridgian (Late Jurassic): Stable isotope and clay mineralogical data from the Lower Saxony Basin, Northern Germany. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 517, 1-15.	1.0	8
24	Whiting Events in a Large Peri-Alpine Lake: Evidence of a Catchment-Scale Process. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	6
25	The palaeoenvironmental context of Toarcian vertebrate-yielding shales of southern France (Hérault). <i>Geological Society Special Publication</i> , 2021, 514, 121-152.	0.8	4
26	Deposition and age of Chicxulub impact spherules on Gorgonilla Island, Colombia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 215-232.	1.6	3
27	Machine learning-based re-classification of the geochemical stratigraphy of the Rajahmundry Traps, India. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 428, 107594.	0.8	2
28	Carbon Isotopic Signature and Organic Matter Composition of Cenomanian High-Latitude Paleosols of Southern Patagonia. <i>Geosciences (Switzerland)</i> , 2021, 11, 378.	1.0	1
29	Integrated mineralogical and rock magnetic study of Deccan red boles. , 2020, , 199-222.		0