Stefan Huck

List of Publications by Year
in descending order

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24 papers	574 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	430 citing authors

#	Article	IF	Citations
1	Strontium and carbon-isotope chronostratigraphy of Barremianâ€“Aptian shoal-water carbonates: Northern Tethyan platform drowning predates OAE 1a. Earth and Planetary Science Letters, 2011, 304, 547-558.	4.4	94
2	Latitudinally different responses of Tethyan shoal-water carbonate systems to the Early Aptian oceanic anoxic event (OAE 1a). Sedimentology, 2010, 57, 1585-1614.	3.1	92
3	Carbon-isotope stratigraphy of Early Cretaceous (Urgonian) shoal-water deposits: Diachronous changes in carbonate-platform production in the north-western Tethys. Sedimentary Geology, 2013, 290, 157-174.	2.1	65
4	Early Aptian algal bloom in a neritic proto-North Atlantic setting: Harbinger of global change related to OAE 1a?. Bulletin of the Geological Society of America, 2012, 124, 1810-1825.	3.3	33
5	Elemental geochemistry and strontium-isotope stratigraphy of Cenomanian to Santonian neritic carbonates in the Zagros Basin, Iran. Sedimentary Geology, 2016, 346, 35-48.	2.1	32
6	Response of proto-North Atlantic carbonate-platform ecosystems to OAE1a-related stressors. Sedimentary Geology, 2014, 313, 15-31.	2.1	29
7	Biochemostratigraphy of an upper Albianâ€“Turonian succession from the southeastern Neo-Tethys margin, SW Iran. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 533, 109255.	2.3	28
8	The Albianâ€“Cenomanian transition and Oceanic Anoxic Event 1d â€“ an example from the Boreal Realm. Sedimentology, 2017, 64, 44-65.	3.1	23
9	Improving shallowâ€water carbonate chemostratigraphy by means of rudist bivalve sclerochemistry. Geochemistry, Geophysics, Geosystems, 2015, 16, 3111-3128.	2.5	19
10	Climatic evolution across oceanic anoxic event 1a derived from terrestrial palynology and clay minerals (Maestrat Basin, Spain). Geological Magazine, 2015, 152, 632-647.	1.5	19
11	Central Tethyan platform-top hypoxia during Oceanic Anoxic Event 1a. Climate of the Past, 2019, 15, 1327-1344.	3.4	19
12	Late Jurassic to Cretaceous evolution of the eastern Tethyan Hawasina Basin (Oman Mountains). Sedimentology, 2017, 64, 87-110.	3.1	18
13	Integrated stratigraphy of shallow marine Albian strata from the southern Lusitanian Basin of Portugal. Newsletters on Stratigraphy, 2014, 47, 85-106.	1.2	16
14	Disentangling shallowâ€water bulk carbonate carbon isotope archives with evidence for multiâ€stage diagenesis: An inâ€depth componentâ€specific petrographic and geochemical study from Oman (midâ€Cretaceous). Depositional Record, 2017, 3, 233-257.	1.7	16
15	Statistical evaluation of elemental concentrations in shallow-marine deposits (Cretaceous,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.3	13
16	Vegetation dynamics, angiosperm radiation and climatic changes in the Lusitanian Basin (Portugal) during Albian times. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 465, 30-41.	2.3	11
17	Early Cretaceous sea surface temperature evolution in subtropical shallow seas. Scientific Reports, 2021, 11, 19765.	3.3	10
18	Sedimentology and depositional sequences of a Kimmeridgian carbonate ramp system, Lower Saxony Basin, Northern Germany. Facies, 2018, 64, 1.	1.4	9

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19	Climatic fluctuations and seasonality during the Kimmeridgian (Late Jurassic): Stable isotope and clay mineralogical data from the Lower Saxony Basin, Northern Germany. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 517, 1-15.	2.3	8
20	Coupled Î´13C and 87Sr/86Sr chemostratigraphy of Kimmeridgian shoal-water deposits: A new composite record from the Lower Saxony Basin, Germany. Sedimentary Geology, 2018, 376, 18-31.	2.1	5
21	Platform-wide shift to microbial carbonate production during the late Aptian. Geology, 2019, 47, 786-790.	4.4	5
22	Improving the detection of shell alteration: Implications for sclerochronology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 559, 109968.	2.3	4
23	Evaluating the role of coastal hypoxia on the transient expansion of microencruster intervals during the early Aptian. Lethaia, 2021, 54, 399-418.	1.4	3
24	Chemostratigraphy and stratigraphic distribution of keeled planktonic foraminifera in the Cenomanian of the North German Basin. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2020, 171, 149-161.	0.4	3