

Nagayoshi Katsuta

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

350
citations

933447

10
h-index

839539

18
g-index

35
all docs

35
docs citations

35
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal formation of Fe-oxide bands in zebra rocks from northern Western Australia. <i>Chemical Geology</i> , 2022, 590, 120699.	3.3	9
2	Glendonite concretion formation due to dead organism decomposition. <i>Sedimentary Geology</i> , 2022, 429, 106075.	2.1	10
3	Characteristics of Lake Sediment from Southwestern Mongolia and Comparison with Meteorological Data. <i>Geosciences (Switzerland)</i> , 2022, 12, 7.	2.2	4
4	ã¼â°é-äÿÿè.â...%Xçšãfžãfãf”ãf³ã,°ã@ã¿œç””1/4šé%,,ã,³ãf³ã,ãf³ãf1/4ã,ãfšãf³ã†...éf”ã«è ã,%ã,CEã,«é%,,ãfãf³ãf%ãã@ã1/2çæ		
5	Syngenetic rapid growth of ellipsoidal silica concretions with bitumen cores. <i>Scientific Reports</i> , 2021, 11, 4230.	3.3	3
6	Chemical Characteristics of Cloud Water and Sulfate Production Under Excess Hydrogen Peroxide in a High Mountainous Region of Central Japan. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	5
7	Radiocarbon analysis of tree ring for a catastrophic collapse in the northern Yatsugatake volcanoes: Its implication for seismotectonics in southwest Japan. <i>Quaternary International</i> , 2021, 604, 68-74.	1.5	1
8	Sedimentary rhythm of Mn-carbonate laminae induced by East Asian summer monsoon variability and human activity in Lake Ohnuma, southwest Hokkaido, northern Japan. <i>Quaternary Science Reviews</i> , 2020, 248, 106576.	3.0	0
9	Concentric Fe-oxyhydroxide bands in dacite cobbles: Rates of buffering chemical reactions. <i>Chemical Geology</i> , 2020, 552, 119786.	3.3	7
10	Diffusion controlled formation of spherical carbonate concretion in muddy sedimentary matrices. <i>Geochemical Journal</i> , 2020, 54, 233-242.	1.0	9
11	⁸⁷ Sr/ ⁸⁶ Sr age determination by rapidly formed spherical carbonate concretions. <i>Scientific Reports</i> , 2019, 9, 1003.	3.3	13
12	Late Holocene climatic impact on vegetation and human activity in central Japan, recorded in sediment at Arao-Minami archaeological site, northwestern Nobi Plain. <i>Quaternary International</i> , 2019, 519, 144-155.	1.5	3
13	Quantitative micro- X^{ray} fluorescence scanning spectroscopy of wet sediment based on the X^{ray} absorption and emission theories: Its application to freshwater lake sedimentary sequences. <i>Sedimentology</i> , 2019, 66, 2490-2510.	3.1	8
14	Macro-scale ore-controlling faults revealed by micro-geochemical anomalies. <i>Scientific Reports</i> , 2019, 9, 4410.	3.3	7
15	Siberian Permafrost Thawing Accelerated at the BÄlling/AllerÄd and Preboreal Warm Periods During the Last Deglaciation. <i>Geophysical Research Letters</i> , 2019, 46, 13961-13971.	4.0	4
16	Biogenically induced bedded chert formation in the alkaline palaeo-lake of the Green River Formation. <i>Scientific Reports</i> , 2019, 9, 16448.	3.3	12
17	Interannual changes in radiocesium concentrations in annually laminated tufa following the Fukushima Daiichi Nuclear Power Plant accident. <i>Applied Geochemistry</i> , 2019, 102, 34-43.	3.0	4
18	Generalized conditions of spherical carbonate concretion formation around decaying organic matter in early diagenesis. <i>Scientific Reports</i> , 2018, 8, 6308.	3.3	37

#	ARTICLE	IF	CITATIONS
19	Hydrological and climate changes in southeast Siberia over the last 33 kyr. <i>Global and Planetary Change</i> , 2018, 164, 11-26.	3.5	11
20	A higher moisture level in the early Holocene in northern Mongolia as evidenced from sediment records of Lake Hovsgol and Lake Erhel. <i>Quaternary International</i> , 2017, 455, 70-81.	1.5	9
21	Early post-mortem formation of carbonate concretions around tusk-shells over week-month timescales. <i>Scientific Reports</i> , 2015, 5, 14123.	3.3	53
22	“Fish-eye” type concretions: A possible analogue of radionuclide migration and retardation in rock matrices around buried HLW container. <i>Journal of the Geological Society of Japan</i> , 2014, 120, IX-X.	0.6	0
23	Fractal Nature of the Band-Thickness in the Archean Banded Iron Formation in the Yellowknife Greenstone Belt, Northwest Territories, Canada. , 2013, , .		0
24	Centennial- to millennial-scale climate shifts in continental interior Asia repeated between warm “dry and cool” wet conditions during the last three interglacial states: evidence from uranium and biogenic silica in the sediment of Lake Baikal, southeast Siberia. <i>Quaternary Science Reviews</i> , 2012, 52, 49-59.	3.0	13
25	A 27-kyr record of environmental change in central Asia inferred from the sediment record of Lake Hovsgol, northwest Mongolia. <i>Journal of Paleolimnology</i> , 2010, 43, 369-383.	1.6	28
26	The development of Fe-nodules surrounding biological material mediated by microorganisms. <i>Environmental Geology</i> , 2008, 55, 1363-1374.	1.2	15
27	Alteration of Subsurface Granitic Rock in Okayama Area, Japan. <i>Journal of the Japan Society of Engineering Geology</i> , 2008, 49, 256-265.	0.2	11
28	Advanced Micro-XRF Method to Separate Sedimentary Rhythms and Event Layers in Sediments: Its Application to Lacustrine Sediment from Lake Suigetsu, Japan. <i>Journal of Paleolimnology</i> , 2007, 37, 259-271.	1.6	30
29	Climate system transition from glacial to interglacial state around the beginning of the last termination: Evidence from a centennial- to millennial-scale climate rhythm. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	10
30	Neoproterozoic banded iron-formation interbedded with diamictite in Namibia and “Snowball Earth” hypothesis. <i>Journal of the Geological Society of Japan</i> , 2004, 110, XI-XII.	0.6	0
31	Image processing to extract sequential profiles with high spatial resolution from the 2D map of deformed laminated patterns. <i>Computers and Geosciences</i> , 2003, 29, 725-740.	4.2	28
32	Continental Erosion/Weathering Changes in Central Asia Recorded in the Holocene Sediment from Lake Hovsgol, Northwest Mongolia, by Synchrotron μ -XRF Mapping Analyses. , 0, , .		1