

Hitoshi Chiba

List of Publications by Year in descending order

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41
papers

2,388
citations

304743

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289244

40
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42
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docs citations

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times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral nitrogen isotope signature in clay minerals formed under high ammonium environment conditions in sediment associated with ammonium-rich sediment-hosted hydrothermal system. <i>Geochemical Journal</i> , 2018, 52, 317-333.	1.0	7
2	Redox state of seafloor hydrothermal fluids and its effect on sulfide mineralization. <i>Chemical Geology</i> , 2017, 451, 25-37.	3.3	36
3	Geochemical distribution and fate of arsenic in water and sediments of rivers from the Hokusetsu area, Japan. <i>Journal of Hydrology: Regional Studies</i> , 2017, 9, 34-47.	2.4	14
4	The origin and hydrochemistry of deep well waters from the northern foot of Mt. Fuji, central Japan. <i>Geochemical Journal</i> , 2016, 50, 227-239.	1.0	5
5	Chemical composition of hydrothermal fluids in the central and southern Mariana Trough backarc basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 126-136.	1.4	23
6	Hydrochemistry and isotopic characteristics of non-volcanic hot springs around the Miocene Kofu granitic complex surrounding the Kofu Basin in the South Fossa Magna region, central Honshu, Japan. <i>Geochemical Journal</i> , 2014, 48, 345-356.	1.0	10
7	Mg-rich clay mineral formation associated with marine shallow-water hydrothermal activity in an arc volcanic caldera setting. <i>Chemical Geology</i> , 2013, 355, 28-44.	3.3	20
8	The Tigger Sulfide Chimney, Yonaguni Knoll Hydrothermal Field, Southern Okinawa Trough, Japan: The First Reported Occurrence of Pb-bearing Bismuthinite and Sb-bearing Chalcopyrite in an Active Seafloor Hydrothermal System. <i>Resource Geology</i> , 2013, 63, 360-370.	0.8	23
9	Shallow submarine hydrothermal activity with significant contribution of magmatic water producing talc chimneys in the Wakamiko Crater of Kagoshima Bay, southern Kyushu, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 258, 74-84.	2.1	36
10	Gold Mineralization in Banded Iron Formation in the Agreenstone Belt, South Africa: A Mineralogical and Sulfur Isotope Study. <i>Resource Geology</i> , 2013, 63, 119-140.	0.8	10
11	Boron and oxygen isotope systematics for a complete section of oceanic crustal rocks in the Oman ophiolite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 543-559.	3.9	55
12	Hydrothermal fluid geochemistry at the Iheya North field in the mid-Okinawa Trough: Implication for origin of methane in subseafloor fluid circulation systems. <i>Geochemical Journal</i> , 2011, 45, 109-124.	1.0	122
13	Microbial carbon isotope fractionation to produce extraordinarily heavy methane in aging hydrothermal plumes over the southwestern Okinawa Trough. <i>Geochemical Journal</i> , 2010, 44, 477-487.	1.0	19
14	Chemical evolution of river water infiltrating the bottom sediment at the Sugao Wealth nourishing Marsh. <i>Japanese Journal of Limnology</i> , 2010, 71, 1-10.	0.1	2
15	IMA Kobe 2006 Special Issue: Seafloor Hydrothermal Deposits of Arc Back-Arc Systems in Western Pacific. <i>Resource Geology</i> , 2008, 58, 205-205.	0.8	0
16	Diverse Range of Mineralization Induced by Phase Separation of Hydrothermal Fluid: Case Study of the Yonaguni Knoll IV Hydrothermal Field in the Okinawa Trough Back-Arc Basin. <i>Resource Geology</i> , 2008, 58, 267-288.	0.8	87
17	Contribution of heat outputs from high- and low-temperature hydrothermal sources to the neutrally buoyant plume at the TAG hydrothermal mound, Mid-Atlantic Ridge. <i>Earth, Planets and Space</i> , 2007, 59, 1141-1146.	2.5	3
18	Unique geochemistry of submarine hydrothermal fluids from arc-back-arc settings of the western Pacific. <i>Geophysical Monograph Series</i> , 2006, , 147-161.	0.1	27

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19	Sclerite formation in the hydrothermal-vent "scaly-foot" gastropod" possible control of iron sulfide biomineralization by the animal. <i>Earth and Planetary Science Letters</i> , 2006, 242, 39-50.	4.4	60
20	Hydrogen, Oxygen and Sulfur Isotope Studies of Seafloor Hydrothermal System at the Desmos Caldera, Manus Back-arc Basin, Papua New Guinea: An Analogue of Terrestrial Acid Hot Crater lake. <i>Resource Geology</i> , 2006, 56, 183-190.	0.8	19
21	Microbial community in a sediment-hosted CO ₂ lake of the southern Okinawa Trough hydrothermal system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14164-14169.	7.1	159
22	Variability in microbial community and venting chemistry in a sediment-hosted back-arc hydrothermal system: Impacts of subseafloor phase-separation. <i>FEMS Microbiology Ecology</i> , 2005, 54, 141-155.	2.7	163
23	Temperatures and Oxygen Isotopic Compositions of Hydrothermal Fluids for the Takatori Tungsten-copper Deposit, Japan. <i>Resource Geology</i> , 2005, 55, 101-110.	0.8	5
24	Sulphur-isotopic composition of the deep-sea mussel <i>Bathymodiolus marisindicus</i> from currently active hydrothermal vents in the Indian Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 841-848.	0.8	17
25	Chemical characteristics of newly discovered black smoker fluids and associated hydrothermal plumes at the Rodriguez Triple Junction, Central Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2001, 193, 371-379.	4.4	150
26	First Hydrothermal Vent Communities from the Indian Ocean Discovered. <i>Zoological Science</i> , 2001, 18, 717-721.	0.7	120
27	Zinc-rich Pyrite from the TAG Active Mound, the TAG Hydrotherma Field, Mid-Atlantic Ridge. <i>Resource Geology</i> , 2001, 51, 63-68.	0.8	4
28	Thermochronology for the Granitic Pluton Related to Lead-Zinc Mineralization in Tsushima, Japan. <i>Resource Geology</i> , 2001, 51, 229-238.	0.8	10
29	Isotopic fractionation of sulfur in micro zones of tidal flat sediments.. <i>Geochemical Journal</i> , 1999, 33, 89-99.	1.0	7
30	Strontium and oxygen isotopic constraints on fluid mixing, alteration and mineralization in the TAG hydrothermal deposit. <i>Chemical Geology</i> , 1998, 149, 1-24.	3.3	49
31	Acidic and sulfate-rich hydrothermal fluids from the Manus back-arc basin, Papua New Guinea. <i>Geology</i> , 1997, 25, 139-142.	4.4	164
32	Chemical characteristics of hydrothermal fluids from the TAG Mound of the Mid-Atlantic Ridge in August 1994: Implications for spatial and temporal variability of hydrothermal activity. <i>Geophysical Research Letters</i> , 1996, 23, 3483-3486.	4.0	44
33	Oxygen isotope fractionations involving diopside, forsterite, magnetite, and calcite: Application to geothermometry. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 2687.	3.9	13
34	Attainment of solution and gas equilibrium in Japanese geothermal systems.. <i>Geochemical Journal</i> , 1991, 25, 335-355.	1.0	28
35	Oxygen isotope fractionations involving diopside, forsterite, magnetite, and calcite: Application to geothermometry. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 2985-2995.	3.9	461
36	Stable isotopic and mineralogical studies of hydrothermal alteration at Arima Spa, Southwest Japan. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 19-28.	3.9	18

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37	Sulfur isotope exchange reactions in the aqueous system: Thiosulfate-sulfide-sulfate at hydrothermal temperature.. <i>Geochemical Journal</i> , 1985, 19, 301-315.	1.0	36
38	Geochemical characteristics of Na-Ca-Cl-HCO ₃ type waters in Arima and its vicinity in the western Kinki district, Japan.. <i>Geochemical Journal</i> , 1985, 19, 149-162.	1.0	26
39	Oxygen isotope exchange rate between dissolved sulfate and water at hydrothermal temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 993-1000.	3.9	236
40	Stable isotopes and fluid inclusion study of anhydrite from the East Pacific Rise at 21.DEG.N.. <i>Geochemical Journal</i> , 1982, 16, 89-95.	1.0	24
41	Oxygen isotope fractionation factors between anhydrite and water from 100 to 550°C. <i>Earth and Planetary Science Letters</i> , 1981, 53, 55-62.	4.4	74