

Hitoshi Chiba

List of Publications by Year in descending order

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41
papers

2,388
citations

304743

22
h-index

289244

40
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42
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42
docs citations

42
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Variability in microbial community and venting chemistry in a sediment-hosted backarc hydrothermal system: Impacts of subseafloor phase-separation. <i>FEMS Microbiology Ecology</i> , 2005, 54, 141-155.	2.7	163
5	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
6	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
7	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
8	First Hydrothermal Vent Communities from the Indian Ocean Discovered. <i>Zoological Science</i> , 2001, 18, 717-721.	0.7	120
9	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
10	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
11	Sclerite formation in the hydrothermal-vent "gastropod" possible control of iron sulfide biomineralization by the animal. <i>Earth and Planetary Science Letters</i> , 2006, 242, 39-50.	4.4	60
12	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
13	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
14	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
15	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
16	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
17	Redox state of seafloor hydrothermal fluids and its effect on sulfide mineralization. <i>Chemical Geology</i> , 2017, 451, 25-37.	3.3	36
18	Attainment of solution and gas equilibrium in Japanese geothermal systems.. <i>Geochemical Journal</i> , 1991, 25, 335-355.	1.0	28

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37	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
38	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
39	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
40	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
41	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