Hitoshi Chiba

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7931850/publications.pdf

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41 papers 2,388 citations

304743

22

h-index

289244 40 g-index

42 all docs 42 docs citations

times ranked

42

2066 citing authors

#	Article	IF	CITATIONS
1	Oxygen isotope fractionations involving diopside, forsterite, magnetite, and calcite: Application to geothermometry. Geochimica Et Cosmochimica Acta, 1989, 53, 2985-2995.	3.9	461
2	Oxygen isotope exchange rate between dissolved sulfate and water at hydrothermal temperatures. Geochimica Et Cosmochimica Acta, 1985, 49, 993-1000.	3.9	236
3	Acidic and sulfate-rich hydrothermal fluids from the Manus back-arc basin, Papua New Guinea. Geology, 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. FEMS Microbiology Ecology, 2005, 54, 141-155.	2.7	163
5	Microbial community in a sediment-hosted CO2 lake of the southern Okinawa Trough hydrothermal system. Proceedings of the National Academy of Sciences of the United States of America, 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. Earth and Planetary Science Letters, 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. Geochemical Journal, 2011, 45, 109-124.	1.0	122
8	First Hydrothermal Vent Communities from the Indian Ocean Discovered. Zoological Science, 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 Backâ€Arc Basin. Resource Geology, 2008, 58, 267-288.	0.8	87
10	Oxygen isotope fractionation factors between anhydrite and water from 100 to 550°C. Earth and Planetary Science Letters, 1981, 53, 55-62.	4.4	74
11	Sclerite formation in the hydrothermal-vent "scaly-foot―gastropod—possible control of iron sulfide biomineralization by the animal. Earth and Planetary Science Letters, 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. Geochimica Et Cosmochimica Acta, 2012, 84, 543-559.	3.9	55
13	Strontium and oxygen isotopic constraints on fluid mixing, alteration and mineralization in the TAG hydrothermal deposit. Chemical Geology, 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. Geophysical Research Letters, 1996, 23, 3483-3486.	4.0	44
15	Sulfur isotope exchange reactions in the aqueous system: Thiosulfate-sulfide-sulfate at hydrothermal temperature Geochemical Journal, 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. Journal of Volcanology and Geothermal Research, 2013, 258, 74-84.	2.1	36
17	Redox state of seafloor hydrothermal fluids and its effect on sulfide mineralization. Chemical Geology, 2017, 451, 25-37.	3.3	36
18	Attainment of solution and gas equilibrium in Japanese geothermal systems Geochemical Journal, 1991, 25, 335-355.	1.0	28

#	Article	IF	CITATIONS
19	Unique geochemistry of submarine hydrothermal fluids from arc-back-arc settings of the western Pacific. Geophysical Monograph Series, 2006, , 147-161.	0.1	27
20	Geochemical characteristics of Na-Ca-Cl-HCO3 type waters in Arima and its vicinity in the western Kinki district, Japan Geochemical Journal, 1985, 19, 149-162.	1.0	26
21	Stable isotopes and fluid inclusion study of anhydrite from the East Pacific Rise at 21.DEG.N Geochemical Journal, 1982, 16, 89-95.	1.0	24
22	The <scp>T</scp> iger Sulfide Chimney, <scp>Y</scp> onaguni <scp>K</scp> noll <scp>IV</scp> Hydrothermal Field, <scp>S</scp> outhern <scp>O</scp> kinawa <scp>T</scp> rough, <scp>J</scp> apan: The First Reported Occurrence of <scp>P</scp> tâ€" <scp>C</scp> uâ€" <scp>F</scp> eâ€Bearing Bismuthinite and <scp>S</scp> na6EBearing Chalcopyrite in an Active Seafloor Hydrothermal System. Resource	0.8	23
23	Geology, 2013, 63, 360-370. Chemical composition of hydrothermal fluids in the central and southern Mariana Trough backarc basin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 121, 126-136.	1.4	23
24	Mg-rich clay mineral formation associated with marine shallow-water hydrothermal activity in an arc volcanic caldera setting. Chemical Geology, 2013, 355, 28-44.	3.3	20
25	Hydrogen, Oxygen and Sulfur Isotope Studies of Seafloor Hydrothermal System at the Desmos Caldera, Manus Backâ€arc Basin, Papua New Guinea: An Analogue of Terrestrial Acid Hot Crater″ake. Resource Geology, 2006, 56, 183-190.	0.8	19
26	Microbial carbon isotope fractionation to produce extraordinarily heavy methane in aging hydrothermal plumes over the southwestern Okinawa Trough. Geochemical Journal, 2010, 44, 477-487.	1.0	19
27	Stable isotopic and mineralogical studies of hydrothermal alteration at Arima Spa, Southwest Japan. Geochimica Et Cosmochimica Acta, 1986, 50, 19-28.	3.9	18
28	Sulphur-isotopic composition of the deep-sea mussel Bathymodiolus marisindicus from currently active hydrothermal vents in the Indian Ocean. Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 841-848.	0.8	17
29	Geochemical distribution and fate of arsenic in water and sediments of rivers from the Hokusetsu area, Japan. Journal of Hydrology: Regional Studies, 2017, 9, 34-47.	2.4	14
30	Oxygen isotope fractionations involving diopside, forsterite, magnetite, and calcite: Application to geothermometry. Geochimica Et Cosmochimica Acta, 1991, 55, 2687.	3.9	13
31	Thermochronology for the Granitic Pluton Related to Leadâ€Zinc Mineralization in Tsushima, Japan. Resource Geology, 2001, 51, 229-238.	0.8	10
32	Gold Mineralization in Banded Iron Formation in the <scp>A</scp> malia <scp>G</scp> reenstone <scp>B</scp> elt, <scp>S</scp> outh <scp>A</scp> frica: A Mineralogical and Sulfur Isotope Study. Resource Geology, 2013, 63, 119-140.	0.8	10
33	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. Geochemical Journal, 2014, 48, 345-356.	1.0	10
34	Isotopic fractionation of sulfur in micro zones of tidal flat sediments Geochemical Journal, 1999, 33, 89-99.	1.0	7
35	Mineral nitrogen isotope signature in clay minerals formed under high ammonium environment conditions in sediment associated with ammonium-rich sediment-hosted hydrothermal system. Geochemical Journal, 2018, 52, 317-333.	1.0	7
36	Temperatures and Oxygen Isotopic Compositions of Hydrothermal Fluids for the Takatori Tungsten-copper Deposit, Japan. Resource Geology, 2005, 55, 101-110.	0.8	5

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#	Article	IF	CITATIONS
37	The origin and hydrochemistry of deep well waters from the northern foot of Mt. Fuji, central Japan. Geochemical Journal, 2016, 50, 227-239.	1.0	5
38	Zincâ€rich Pyrite from the TAG Active Mound, the TAG Hydrotherma Field, Midâ€Atlantic Ridge. Resource Geology, 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. Earth, Planets and Space, 2007, 59, 1141-1146.	2.5	3
40	Chemical evolution of river water infiltrating the bottom sediment at the Sugao Wealth nourishing Marsh. Japanese Journal of Limnology, 2010, 71, 1-10.	0.1	2
41	IMA Kobe 2006 Special Issue: Seaâ€floor Hydrothermal Deposits of Arc–Backâ€arc Systems in Western Pacific. Resource Geology, 2008, 58, 205-205.	0.8	0