

Takeshi Ohba

List of Publications by Year in descending order

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32
papers

345
citations

759233

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32
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416
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogeochemistry and quality of surface water and groundwater in the vicinity of Lake Monoun, West Cameroon: approach from multivariate statistical analysis and stable isotopic characterization. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 524.	2.7	42
2	Disaster prevention, disaster preparedness and local community resilience within the context of disaster risk management in Cameroon. <i>Natural Hazards</i> , 2017, 86, 57-88.	3.4	28
3	Bacterial and archaeal communities in Lake Nyos (Cameroon, Central Africa). <i>Scientific Reports</i> , 2014, 4, 6151.	3.3	24
4	Regional geochemical baseline concentration of potentially toxic trace metals in the mineralized Lom Basin, East Cameroon: a tool for contamination assessment. <i>Geochemical Transactions</i> , 2018, 19, 11.	0.7	23
5	Assessment of shallow groundwater in Lake Nyos catchment (Cameroon, Central-Africa): implications for hydrogeochemical controls and uses. <i>Environmental Earth Sciences</i> , 2014, 72, 3663-3678.	2.7	20
6	Variation in stable isotope ratios of monthly rainfall in the Douala and Yaounde cities, Cameroon: local meteoric lines and relationship to regional precipitation cycle. <i>Applied Water Science</i> , 2017, 7, 2343-2356.	5.6	19
7	Shallow groundwater recharge mechanism and apparent age in the Ndop plain, northwest Cameroon. <i>Applied Water Science</i> , 2017, 7, 489-502.	5.6	17
8	Framework for Investigation of Karst Aquifer in an Arid Zone, Using Isotopes, Remote Sensing and GIS Applications: the Northwestern Coast of Egypt. <i>Environmental Processes</i> , 2015, 2, 37-60.	3.5	16
9	Contribution of methane to total gas pressure in deep waters at lakes Nyos and Monoun (Cameroon,) Tj ETQq1 1 0,784314 rgBT /Ove	1.0	15
10	Effect of diffuse recharge and wastewater on groundwater contamination in Douala, Cameroon. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	15
11	Coseismic changes in the chemical composition of volcanic gases from the Owakudani geothermal area on Hakone volcano, Japan. <i>Bulletin of Volcanology</i> , 2011, 73, 457-469.	3.0	13
12	Variation of hydrogeochemical characteristics of water in surface flows, shallow wells, and boreholes in the coastal city of Douala (Cameroon). <i>Hydrological Sciences Journal</i> , 2016, 61, 2916-2929.	2.6	13
13	Eruptive history of the Barombi Mbo Maar, Cameroon Volcanic Line, Central Africa: Constraints from volcanic facies analysis. <i>Open Geosciences</i> , 2013, 5, 480-496.	1.7	11
14	Seasonal Hydrological Inputs of Major Ions and Trace Metal Composition in Streams Draining the Mineralized Lom Basin, East Cameroon: Basis for Environmental Studies. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	11
15	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
16	Geochemistry and geophysics of active volcanic lakes: an introduction. <i>Geological Society Special Publication</i> , 2017, 437, 1-8.	1.3	8
17	Decreasing capability of the degassing systems at lakes Nyos and Monoun (Cameroon): a new gas removal system applied to Lake Monoun to prevent a future limnic eruption. <i>Geological Society Special Publication</i> , 2017, 437, 205-212.	1.3	7
18	Numerical assessment of the potential for future limnic eruptions at lakes Nyos and Monoun, Cameroon, based on regular monitoring data. <i>Geological Society Special Publication</i> , 2017, 437, 163-175.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Geospatial Information and Environmental Isotopes for Hydrogeological Evaluation: Ras Alam El Rum, Northwestern Coast of Egypt. <i>Natural Resources Research</i> , 2014, 23, 423-445.	4.7	6
20	Hydrochemical and isotopic characteristics of groundwater in the Ndop plain, northwest Cameroon: resilience to seasonal climatic changes. <i>Environmental Earth Sciences</i> , 2014, 72, 3585-3598.	2.7	6
21	Variations in thermal state revealed by the geochemistry of fumarolic gases and hot-spring waters of the Tateyama volcanic hydrothermal system, Japan. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	6
22	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
23	The nature and source of the volcanic ash during the 2015 small phreatic eruption at Hakone volcano, central Japan. <i>Geochemical Journal</i> , 2019, 53, 209-217.	1.0	5
24	Origin of major ions in monthly rainfall events at the Bamenda Highlands, North West Cameroon. <i>Journal of Environmental Sciences</i> , 2014, 26, 801-809.	6.1	4
25	Isotopic composition of precipitation and groundwater onshore of the Rio del Rey Basin, southwest Cameroon: local meteoric lines and recharge. <i>Applied Water Science</i> , 2021, 11, 1.	5.6	3
26	Volcanic Activity Forecast Based on Volcanic Gas Composition of Hakone Volcano, Japan: Utilization for Volcanic Disaster Prevention. <i>Journal of Geography (Chigaku Zasshi)</i> , 2021, 130, 783-796.	0.3	3
27	Secular Variations of Helium and Nitrogen Isotopes Related to the 2015 Volcanic Unrest of Mt. Hakone, Central Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4710-4722.	2.5	2
28	Multi-tracer (^{18}O , ^2H , ^3H , CFCs and SF_6) investigation of groundwater recharge and apparent age at the Bamenda Highlands along the Cameroon volcanic line. <i>Sustainable Water Resources Management</i> , 2020, 6, 1.	2.1	2
29	High-precision $\delta^{17}\text{O}$ measurements of geothermal H_2O and MORB on the VSMOW-SLAP scale: evidence for active oxygen exchange between the lithosphere and hydrosphere. <i>Geochemical Journal</i> , 2021, 55, e25-e33.	1.0	2
30	Geochemical Behavior of REE in Stream Water and Sediments in the Gold-Bearing Lom Basin, Cameroon: Implications for Provenance and Depositional Environment. <i>Aquatic Geochemistry</i> , 2020, 26, 53-70.	1.3	1
31	Geochemical features and petrology of ignimbrite deposits from Bamenda volcano, Western Highlands of the Cameroon Volcanic Line. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	1
32	Studying Active Lakes of Costa Rica: 7th Workshop of the IAVCEI Commission of Volcanic Lakes; Costa Rica, 10-19 March 2010. <i>Eos</i> , 2010, 91, 256-256.	0.1	0