

# Charles M Balagizi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

284  
citations

933410

10  
h-index

1058452

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of volcanic plume emissions on rain water chemistry during the January 2010 Nyamuragira eruptive event: Implications for essential potable water resources. Journal of Hazardous Materials, 2013, 244-245, 570-581.	12.4	49
2	River geochemistry, chemical weathering, and atmospheric $\text{CO}_2$ consumption rates in the Virunga volcanic Province (Eastern Tj ETQq0 0 0 rgBT Overlock 10 Tf 50 69	10.0	16
3	Impact of volcanic emissions on rainwater chemistry: The case of Mt. Nyiragongo in the Virunga volcanic region (DRC). Journal of Geochemical Exploration, 2013, 125, 69-79.	3.2	33
4	Influence of moisture source dynamics and weather patterns on stable isotopes ratios of precipitation in Central-Eastern Africa. Science of the Total Environment, 2018, 628-629, 1058-1078.	8.0	33
5	Detailed multidisciplinary monitoring reveals pre- and co-eruptive signals at Nyamulagira volcano (North Kivu, Democratic Republic of Congo). Bulletin of Volcanology, 2014, 76, 1.	3.0	31
6	Guidelines for volcano-observatory operations during crises: recommendations from the 2019 volcano observatory best practices meeting. Journal of Applied Volcanology, 2022, 11, .	2.0	26
7	Soil temperature and $\text{CO}_2$ degassing, $\text{SO}_2$ fluxes and field observations before and after the February 29, 2016 new vent inside Nyiragongo crater. Bulletin of Volcanology, 2016, 78, 1.	3.0	17
8	Need for harmonized long-term multi-lake monitoring of African Great Lakes. Journal of Great Lakes Research, 2023, 49, 101988.	1.9	16
9	Rain-plume interactions at Nyiragongo and Nyamulagira volcanoes and associated rainwater hazards, East Africa. Applied Geochemistry, 2017, 81, 76-89.	3.0	14
10	Natural hazards in Goma and the surrounding villages, East African Rift System. Natural Hazards, 2018, 93, 31-66.	3.4	14
11	Key Factors of Precipitation Stable Isotope Fractionation in Central-Eastern Africa and Central Mediterranean. Geosciences (Switzerland), 2019, 9, 337.	2.2	7
12	Baseline for rainwater chemistry and quality as influenced by Nyiragongo volcano permanent plume, East Africa. Chemosphere, 2021, 283, 130859.	8.2	4
13	Characterizing groundwater recharge sources using water stable isotopes in the North Basin of Lake Kivu, East Africa. Chemical Geology, 2022, 594, 120778.	3.3	4
14	High temperature noble gas thermometry in Lake Kivu, East Africa. Science of the Total Environment, 2022, 837, 155859.	8.0	1