

# Marc Van Camp

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

755  
citations

566801

15  
h-index

525886

27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of soil and water conservation measures on catchment hydrological response—a case in north Ethiopia. <i>Hydrological Processes</i> , 2010, 24, 1880-1895.	1.1	167
2	Saltwater intrusion and nitrate pollution in the coastal aquifer of Dar es Salaam, Tanzania. <i>Environmental Earth Sciences</i> , 2013, 70, 1091-1111.	1.3	86
3	Investigating seawater intrusion due to groundwater pumping with schematic model simulations: The example of the Dar es Salaam coastal aquifer in Tanzania. <i>Journal of African Earth Sciences</i> , 2014, 96, 71-78.	0.9	55
4	Groundwater recharge and flow in a small mountain catchment in northern Ethiopia. <i>Hydrological Sciences Journal</i> , 2009, 54, 739-753.	1.2	43
5	Sources of salinity and urban pollution in the Quaternary sand aquifers of Dar es Salaam, Tanzania. <i>Journal of African Earth Sciences</i> , 2015, 102, 149-165.	0.9	31
6	Water Balance Components for Sustainability Assessment of Groundwater-Dependent Agriculture: Example of the Mendae Plain (Tigray, Ethiopia). <i>Land Degradation and Development</i> , 2015, 26, 725-736.	1.8	30
7	A 40-ka record of temperature and permafrost conditions in northwestern Europe from noble gases in the Ledo-Paniselian Aquifer (Belgium). <i>Journal of Quaternary Science</i> , 2010, 25, 1038-1044.	1.1	29
8	Modeling approaches and strategies for data-scarce aquifers: example of the Dar es Salaam aquifer in Tanzania. <i>Hydrogeology Journal</i> , 2013, 21, 341-356.	0.9	26
9	Hydrochemistry in coastal aquifer of southwest Bangladesh: origin of salinity. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	26
10	Groundwater salinization and freshening processes in coastal aquifers from southwest Bangladesh. <i>Science of the Total Environment</i> , 2021, 779, 146339.	3.9	25
11	Groundwater recharge and water table response to changing conditions for aquifers at different physiography: The case of a semi-humid river catchment, northwestern highlands of Ethiopia. <i>Science of the Total Environment</i> , 2020, 748, 142243.	3.9	24
12	Groundwater exploitation and recharge rate estimation of a quaternary sand aquifer in Dar-es-Salaam area, Tanzania. <i>Environmental Earth Sciences</i> , 2011, 63, 559-569.	1.3	23
13	Hydrologic interconnection between the volcanic aquifer and springs, Lake Tana basin on the Upper Blue Nile. <i>Journal of African Earth Sciences</i> , 2016, 121, 154-167.	0.9	21
14	Hydrological Foundation as a Basis for a Holistic Environmental Flow Assessment of Tropical Highland Rivers in Ethiopia. <i>Water (Switzerland)</i> , 2020, 12, 547.	1.2	21
15	Geophysical exploration of an old dumpsite in the perspective of enhanced landfill mining in Kermt area, Belgium. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 55-67.	1.6	16
16	Recharge-Discharge Relations of Groundwater in Volcanic Terrain of Semi-Humid Tropical Highlands of Ethiopia: The Case of Infranz Springs, in the Upper Blue Nile. <i>Water (Switzerland)</i> , 2020, 12, 853.	1.2	15
17	An integrated approach for detection and delineation of leakage path from Micro-Dam Reservoir (MDR): a case study from Arato MDR, Northern Ethiopia. <i>Bulletin of Engineering Geology and the Environment</i> , 2016, 75, 193-210.	1.6	13
18	Impacts of Large-Scale Groundwater Exploitation Based on Long-Term Evolution of Hydraulic Heads in Dhaka City, Bangladesh. <i>Water (Switzerland)</i> , 2021, 13, 1357.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Quantification of Recharge and Runoff from Rainfall Using New GIS Tool: Example of the Gaza Strip Aquifer. <i>Water (Switzerland)</i> , 2019, 11, 84.	1.2	12
20	Hydrogeology and groundwater flow in a basalt-capped Mesozoic sedimentary series of the Ethiopian highlands. <i>Hydrogeology Journal</i> , 2011, 19, 641-650.	0.9	11
21	Drought impacts on long-term hydrodynamic behavior of groundwater in the tertiary-quaternary aquifer system of Shahrekord Plain, Iran. <i>Environmental Earth Sciences</i> , 2013, 70, 927-942.	1.3	8
22	Groundwater flow and chemistry of the oases of Al Wahat, NE Libya. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	8
23	Evolution of runoff and groundwater recharge in the Gaza Strip over the last four decades. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	8
24	Water Resources Studies in Headwaters of the Blue Nile Basin: A Review with Emphasis on Lake Water Balance and Hydrogeological Characterization. <i>Water (Switzerland)</i> , 2021, 13, 1469.	1.2	6
25	The Radius of Influence Myth. <i>Water (Switzerland)</i> , 2022, 14, 149.	1.2	6
26	Geophysical Delineation of Freshwater-Saline Water Interfaces in Coastal Area of Southwest Bangladesh. <i>Water (Switzerland)</i> , 2021, 13, 2527.	1.2	5
27	Hydrochemical characterization and groundwater potential of the deep aquifer system in southwest coastal region of Bangladesh. <i>Journal of Asian Earth Sciences</i> , 2022, , 105271.	1.0	5
28	Spatial and temporal simulation of groundwater recharge and cross-validation with point estimations in volcanic aquifers with variable topography. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101142.	1.0	5
29	Effects of multi-annual climate variability on the hydrodynamic evolution (1833 to present) in a shallow aquifer system in northern Belgium. <i>Hydrological Sciences Journal</i> , 2010, 55, 763-779.	1.2	4
30	Quantification of water table dynamics as a reference for impact assessment of ecohydrological enhancement measures in a dune area in Belgium. <i>Environmental Earth Sciences</i> , 2015, 73, 2223-2240.	1.3	4
31	Occurrences of evaporitic salts in Bugesera region (Burundi) and relation to hydrogeochemical evolution of groundwater. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	4
32	Identifying the Major Hydrogeochemical Factors Governing Groundwater Chemistry in the Coastal Aquifers of Southwest Bangladesh Using Statistical Analysis. <i>Hydrology</i> , 2022, 9, 20.	1.3	3
33	Groundwater inflow in rivers as a controlling factor to surface water nitrate concentrations and impact of groundwater age distribution on response times for remediation strategies. <i>Journal of Contaminant Hydrology</i> , 2021, 241, 103820.	1.6	2
34	The origin of high sulfate concentrations and hydrochemistry of the Upper Miocene-Pliocene-Quaternary aquifer complex of Jifarah Plain, NW Libya. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	0
35	Hydrodynamical and hydrochemical groundwater controls on abiotic environmental gradients in a nature reserve in Flanders (Belgium). <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	0
36	Understanding the mechanisms of groundwater recharge and flow in periglacial environments: New insights from the Ledo-Paniselian aquifer in Belgium. <i>Journal of Contaminant Hydrology</i> , 2021, 241, 103819.	1.6	0

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37	Hydrogeochemical processes and groundwater quality of over-exploited Dupi Tila aquifer in Dhaka city, Bangladesh. Environmental Science and Pollution Research, 0, , .	2.7	0