Georg J Houben

List of Publications by Year
in descending order

33 papers	724 citations	516215 16 h-index	552369 26 g-index
37 all docs	37 docs citations	37 times ranked	555 citing authors

#	Article	IF	Citations
1	ÐžÐ±Ð·Ð¾Ñ€ Ð¡ÐºÐ²Ð°Ð¶Ð¸Ð½: Ð“Ð¾Ñ€Ð¸Ð·Ð¾Ð½Ñ‚Ð°Ð»ÑŒÐ½Ñ‹Ðµ, ÐÐ°ÐºÐ»Ð¾Ð½Ð½Ñ‹Ðµ Ð¸ Ð“Ð¾Ñ€Ð¸Ð·Ð¾Ð½Ñ‚Ð°Ð»ÑŒÐ½Ñ‹Ðµ		
2	Step-drawdown tests: linear and nonlinear head loss components. Hydrogeology Journal, 2022, 30, 1315-1326.	0.9	2
3	Estimation of groundwater recharge rates using soil-water isotope profiles: a case study of two contrasting dune types on Langeoog Island, Germany. Hydrogeology Journal, 2022, 30, 797-812.	0.9	6
4	On the Propagation of Reaction Fronts in a Sandy Aquifer Over 20+ Years: Lessons From a Test Site in Northwestern Germany. Water Resources Research, 2021, 57, e2020WR028706.	1.7	4
5	Stacked megafans of the Kalahari Basin as archives of paleogeography, river capture, and Cenozoic paleoclimate of southwestern Africa. Journal of Sedimentary Research, 2020, 90, 980-1010.	0.8	8
6	Horizontal and radial collector wells: simple tools for a complex problem. Hydrogeology Journal, 2020, 28, 1925-1935.	0.9	6
7	Investigation of the source of acidification in an aquifer in Northern Germany. Environmental Earth Sciences, 2019, 78, 1.	1.3	3
8	Behaviour of Tritium and Tritiogenic Helium in Freshwater Lens Groundwater Systems: Insights from Langeoog Island, Germany. Geofluids, 2019, 2019, 1-16.	0.3	9
9	Teaching about groundwater in primary schools: experience from Paraguay. Hydrogeology Journal, 2019, 27, 513-518.	0.9	4
10	Comparison of depth-specific groundwater sampling methods and their influence on hydrochemistry, isotopy and dissolved gases â€“ Experiences from the Fuhrberger Feld, Germany. Journal of Hydrology, 2018, 557, 182-196.	2.3	7
11	The influence of heterogeneity on coastal groundwater flow - physical and numerical modeling of fringing reefs, dykes and structured conductivity fields. Advances in Water Resources, 2018, 113, 155-166.	1.7	60
12	300 years of coastal salinization research in Germany â€“ the Homann (1718) map of the Christmas Flood of 1717. E3S Web of Conferences, 2018, 54, 00011.	0.2	1
13	What is the Ghijben-Herzberg principle and who formulated it?. Hydrogeology Journal, 2018, 26, 1801-1807.	0.9	29
14	Annotated translation of â€œDie Wasserversorgung einiger NordseebÃder [The water supply of some North Sea spas]â€•by Alexander Herzberg (1901). Hydrogeology Journal, 2018, 26, 1789-1799.	0.9	20
15	Effects of ageing on the hydraulics of water wells and the influence of non-Darcy flow. Hydrogeology Journal, 2018, 26, 1285-1294.	0.9	13
16	Terrestrial sedimentary pyrites as a potential source of trace metal release to groundwater â€“ A case study from the Emsland, Germany. Applied Geochemistry, 2017, 76, 99-111.	1.4	39
17	Density-driven vertical transport of saltwater through the freshwater lens on the island of Baltrum (Germany) following the 1962 storm flood. Journal of Hydrology, 2017, 551, 689-702.	2.3	58
18	How appropriate is the Thiem equation for describing groundwater flow to actual wells?. Hydrogeology Journal, 2016, 24, 2093-2101.	0.9	15

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19	Analysis of Wellbore Skin Samplesâ€"Typology, Composition, and Hydraulic Properties. Ground Water, 2016, 54, 634-645.	0.7	12
20	The impact of high-intensity no-till agriculture on groundwater quality in the subtropical Capiibary catchment, SE Paraguay. Environmental Earth Sciences, 2015, 74, 479-491.	1.3	4
21	Experiments and modeling of flow processes in freshwater lenses in layered island aquifers: Analysis of age stratification, travel times and interface propagation. Journal of Hydrology, 2015, 529, 159-168.	2.3	24
22	Review: Hydraulics of water wellsâ€"head losses of individual components. Hydrogeology Journal, 2015, 23, 1659-1675.	0.9	42
23	Die versalzene Suppe â€“ wer lÃ¶ffelt sie aus?. Grundwasser, 2015, 20, 1-1.	1.4	1
24	Review: Hydraulics of water wellsâ€"flow laws and influence of geometry. Hydrogeology Journal, 2015, 23, 1633-1657.	0.9	50
25	The freshwater lens of BenjamÃn Aceval, Chaco, Paraguay: a terrestrial analogue of an oceanic island lens. Hydrogeology Journal, 2014, 22, 1935-1952.	0.9	10
26	Experiments and modeling of freshwater lenses in layered aquifers: Steady state interface geometry. Journal of Hydrology, 2014, 509, 621-630.	2.3	60
27	Freshwater lenses as archive of climate, groundwater recharge, and hydrochemical evolution: Insights from depthâ€specific water isotope analysis and age determination on the island of <scp>L</scp>angeoog, <scp>G</scp>ermany. Water Resources Research, 2014, 50, 8227-8239.	1.7	54
28	Numerical Modeling of the Near-Field Hydraulics of Water Wells. Ground Water, 2011, 49, 570-575.	0.7	20
29	Spatial Distribution of Incrustations around a Water Well after 38 Years of Use. Ground Water, 2010, 48, 53-58.	0.7	25
30	Hydrogeology of the Kabul Basin (Afghanistan), part II: groundwater geochemistry. Hydrogeology Journal, 2009, 17, 935-948.	0.9	37
31	Hydrogeology of the Kabul Basin (Afghanistan), part I: aquifers and hydrology. Hydrogeology Journal, 2009, 17, 665-677.	0.9	37
32	The Influence of Well Hydraulics on the Spatial Distribution of Well Incrustations. Ground Water, 2006, 44, 060516082004004-???.	0.7	21
33	Modeling the Buildup of Iron Oxide Encrustations in Wells. Ground Water, 2004, 42, 78-82.	0.7	27