Joost Delsman

List of Publications by Year
in descending order

14 papers	461 citations	1040056 9 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	592 citing authors

#	Article	IF	Citations
1	Complex conductivity of soils. Water Resources Research, 2017, 53, 7121-7147.	4.2	109
2	Paleo-modeling of coastal saltwater intrusion during the Holocene: an application to the Netherlands. Hydrology and Earth System Sciences, 2014, 18, 3891-3905.	4.9	86
3	An operational, multi-scale, multi-model system for consensus-based, integrated water management and policy analysis: The Netherlands Hydrological Instrument. Environmental Modelling and Software, 2014, 59, 98-108.	4.5	86
4	Uncertainty estimation of endâ€member mixing using generalized likelihood uncertainty estimation (GLUE), applied in a lowland catchment. Water Resources Research, 2013, 49, 4792-4806.	4.2	54
5	Large-scale, probabilistic salinity mapping using airborne electromagnetics for groundwater management in Zeeland, the Netherlands. Environmental Research Letters, 2018, 13, 084011.	5.2	44
6	Investigating summer flow paths in a Dutch agricultural field using high frequency direct measurements. Journal of Hydrology, 2014, 519, 3069-3085.	5.4	22
7	Global sampling to assess the value of diverse observations in conditioning a realâ€world groundwater flow and transport model. Water Resources Research, 2016, 52, 1652-1672.	4.2	11
8	Factors Determining the Natural Freshâ€Salt Groundwater Distribution in Deltas. Water Resources Research, 2021, 57, e2020WR027290.	4.2	11
9	Fast calculation of groundwater exfiltration salinity in a lowland catchment using a lumped celerity/velocity approach. Environmental Modelling and Software, 2017, 96, 323-334.	4.5	9
10	Optimal salinity and water level control of water courses using Model Predictive Control. Environmental Modelling and Software, 2019, 112, 36-45.	4.5	9
11	A Greedy Algorithm for Optimal Sensor Placement to Estimate Salinity in Polder Networks. Water (Switzerland), 2019, 11, 1101.	2.7	8
12	Nonlinear model predictive control of salinity and water level in polder networks: Case study of Lissertocht catchment. Agricultural Water Management, 2022, 264, 107502.	5.6	5
13	Lowâ€Resolution Modeling of Dense Drainage Networks in Confining Layers. Ground Water, 2015, 53, 771-781.	1.3	4
14	Polder Flushing: Model Predictive Control of Flushing Operations to Effective and Real Time Control of Salinity in Polders. Procedia Engineering, 2016, 154, 94-98.	1.2	1