

Maartje Boon

List of Publications by Year in descending order

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9
papers

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173
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic rate-dependent saturation functions for compositional simulation of sandstone composites. <i>Journal of Petroleum Science and Engineering</i> , 2022, 209, 109934. A comparative study for H ₂ CH ₄ mixture wettability in sandstone. <i>Advances in Water Resources</i> , 2022, 164, 104221.	4.2	10
2	Microfluidics-based analysis of dynamic contact angles relevant for underground hydrogen storage. <i>Advances in Water Resources</i> , 2022, 164, 104221.	3.8	48
3	Modelling CO ₂ plume spreading in highly heterogeneous rocks with anisotropic, rate-dependent saturation functions: A field-data based numeric simulation study of Otway. <i>International Journal of Greenhouse Gas Control</i> , 2022, 119, 103699.	4.6	17
5	A physics-based model to predict the impact of horizontal lamination on CO ₂ plume migration. <i>Advances in Water Resources</i> , 2021, 150, 103881.	3.8	12
6	Coreflooding data on nine sandstone cores to measure CO ₂ residual trapping. <i>Data in Brief</i> , 2019, 25, 104249.	1.0	2
7	Predicting CO ₂ residual trapping ability based on experimental petrophysical properties for different sandstone types. <i>International Journal of Greenhouse Gas Control</i> , 2019, 86, 158-176.	4.6	59
8	Observations of the impact of rock heterogeneity on solute spreading and mixing. <i>Water Resources Research</i> , 2017, 53, 4624-4642.	4.2	32
9	Observations of 3-D transverse dispersion and dilution in natural consolidated rock by X-ray tomography. <i>Advances in Water Resources</i> , 2016, 96, 266-281.	3.8	17