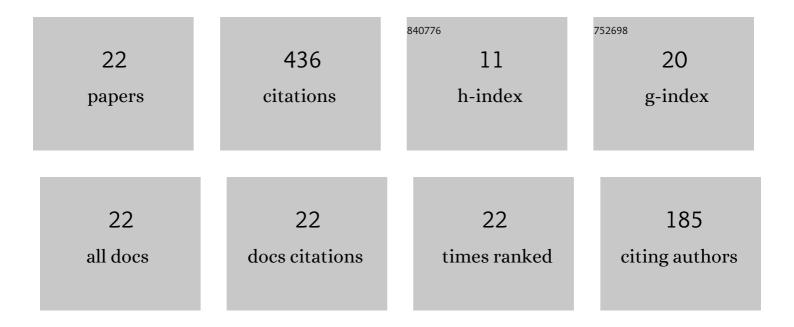
Odd A Andersen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Estimating Caprock Impact on CO2 Migration in the Gassum Formation Using 2D Seismic Line Data. Transport in Porous Media, 2021, 138, 459-487.	2.6	3
2	Quantitative evaluation of the joint effect of uncertain parameters in CO2 storage in the Sleipner project, using data-driven models. International Journal of Greenhouse Gas Control, 2020, 103, 103180.	4.6	3
3	Multi-model hybrid compositional simulator with application to segregated flow. Computational Geosciences, 2020, 24, 775-787.	2.4	3
4	Benchmarking of vertically integrated models for the study of the impact of caprock morphology on CO2 migration. International Journal of Greenhouse Gas Control, 2019, 90, 102802.	4.6	11
5	A History Matching Approach to Estimate Caprock Morphology Parameters for CO2 Storage in Saline Aquifers. , 2019, , .		2
6	Investigating simplified modeling choices for numerical simulation of CO2 storage with thermal effects. International Journal of Greenhouse Gas Control, 2018, 72, 49-64.	4.6	15
7	Using simplified methods to explore the impact of parameter uncertainty on CO2 storage estimates with application to the Norwegian Continental Shelf. International Journal of Greenhouse Gas Control, 2018, 75, 198-213.	4.6	11
8	Virtual element method for geomechanical simulations of reservoir models. Computational Geosciences, 2017, 21, 877-893.	2.4	43
9	Ranking and categorizing large-scale saline aquifer formations based on optimized CO 2 storage potentials and economic factors. International Journal of Greenhouse Gas Control, 2017, 65, 182-194.	4.6	5
10	Using Sensitivities and Vertical-equilibrium Models for Parameter Estimation of CO2 Injection Models with Application to Sleipner Data. Energy Procedia, 2017, 114, 3476-3495.	1.8	18
11	Categorization of Norwegian Continental Shelf Formations in Terms of Geological CO2 Storage Potentials. Energy Procedia, 2017, 114, 4583-4594.	1.8	4
12	Vertical Equilibrium Flow Models with Fully Coupled Geomechanics for CO2 Storage Modeling, Using Precomputed Mechanical Response Functions. Energy Procedia, 2017, 114, 3113-3131.	1.8	1
13	Modeling geomechanical impact of fluid storage in poroelastic media using precomputed response functions. Computational Geosciences, 2017, 21, 1135-1156.	2.4	3
14	On obtaining optimal well rates and placement for CO2 storage. Computational Geosciences, 2017, 21, 1403-1422.	2.4	10
15	Robust simulation of sharp-interface models for fast estimation of CO2 trapping capacity in large-scale aquifer systems. Computational Geosciences, 2016, 20, 93-113.	2.4	50
16	A simulation workflow for large-scale CO2 storage in the Norwegian North Sea. Computational Geosciences, 2016, 20, 607-622.	2.4	45
17	Fully-implicit simulation of vertical-equilibrium models with hysteresis and capillary fringe. Computational Geosciences, 2016, 20, 49-67.	2.4	49
18	An Open-Source Toolchain for Simulation and Optimization of Aquifer-Wide CO2 Storage. Energy Procedia, 2016, 86, 324-333	1.8	25

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#	Article	IF	CITATIONS
19	Analysis of CO2 trapping capacities and long-term migration for geological formations in the Norwegian North Sea using MRST-co2lab. Computers and Geosciences, 2015, 79, 15-26.	4.2	50
20	Vertically Averaged Equations with Variable Density for \$\$hbox {CO}_2\$\$ CO 2 Flow in Porous Media. Transport in Porous Media, 2015, 107, 95-127.	2.6	35
21	Spill-point analysis and structural trapping capacity in saline aquifers using MRST-co2lab. Computers and Geosciences, 2015, 75, 33-43.	4.2	40
22	Building an Ontology of CAD Model Information. , 2007, , 11-40.		10