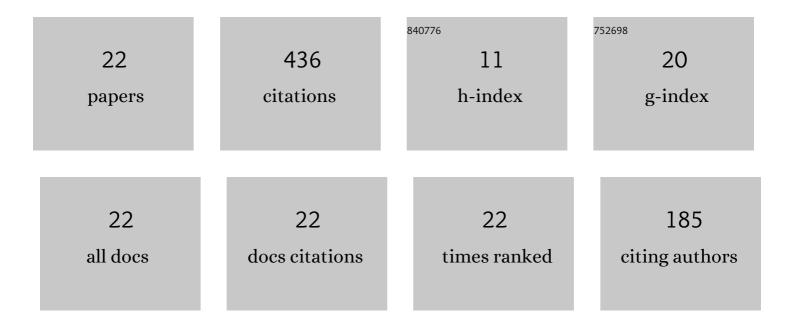
Odd A Andersen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	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
3	Fully-implicit simulation of vertical-equilibrium models with hysteresis and capillary fringe. Computational Geosciences, 2016, 20, 49-67.	2.4	49
4	A simulation workflow for large-scale CO2 storage in the Norwegian North Sea. Computational Geosciences, 2016, 20, 607-622.	2.4	45
5	Virtual element method for geomechanical simulations of reservoir models. Computational Geosciences, 2017, 21, 877-893.	2.4	43
6	Spill-point analysis and structural trapping capacity in saline aquifers using MRST-co2lab. Computers and Geosciences, 2015, 75, 33-43.	4.2	40
7	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
8	An Open-Source Toolchain for Simulation and Optimization of Aquifer-Wide CO2 Storage. Energy Procedia, 2016, 86, 324-333.	1.8	25
9	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
10	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
11	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
12	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
13	Building an Ontology of CAD Model Information. , 2007, , 11-40.		10
14	On obtaining optimal well rates and placement for CO2 storage. Computational Geosciences, 2017, 21, 1403-1422.	2.4	10
15	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
16	Categorization of Norwegian Continental Shelf Formations in Terms of Geological CO2 Storage Potentials. Energy Procedia, 2017, 114, 4583-4594.	1.8	4
17	Modeling geomechanical impact of fluid storage in poroelastic media using precomputed response functions. Computational Geosciences, 2017, 21, 1135-1156.	2.4	3
18	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

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#	Article	IF	CITATIONS
19	Multi-model hybrid compositional simulator with application to segregated flow. Computational Geosciences, 2020, 24, 775-787.	2.4	3
20	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
21	A History Matching Approach to Estimate Caprock Morphology Parameters for CO2 Storage in Saline Aquifers. , 2019, , .		2
22	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