

Bilal M Saad

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

76
citations

1937685

4
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Full Implicit Petroleum Engineering Finite-Volume Scheme for Compressible Two-Phase Flow in Porous Media. SIAM Journal on Numerical Analysis, 2013, 51, 716-741.	2.3	25
2	Two-Component Two-Compressible Flow in a Porous Medium. Acta Applicandae Mathematicae, 2012, 117, 15-46.	1.0	16
3	A combined finite volumeâ€“nonconforming finite element scheme for compressible two phase flow in porous media. Numerische Mathematik, 2015, 129, 691-722.	1.9	10
4	Numerical study of compositional compressible degenerate two-phase flow in saturatedâ€“unsaturated heterogeneous porous media. Computers and Mathematics With Applications, 2016, 71, 565-584.	2.7	10
5	Probabilistic modeling and global sensitivity analysis for CO2 storage in geological formations: a spectral approach. Applied Mathematical Modelling, 2018, 53, 584-601.	4.2	4
6	Modeling and simulation of partially miscible two-phase flow with kinetics mass transfer. Mathematics and Computers in Simulation, 2021, 186, 29-40.	4.4	3
7	Study of degenerate parabolic system modeling the hydrogen displacement in a nuclear waste repository. Discrete and Continuous Dynamical Systems - Series S, 2014, 7, 191-205.	1.1	3
8	Structure exploiting methods for fast uncertainty quantification in multiphase flow through heterogeneous media. Computational Geosciences, 2021, 25, 2167-2189.	2.4	2
9	Numerical analysis of a non equilibrium two-component two-compressible flow in porous media. Discrete and Continuous Dynamical Systems - Series S, 2014, 7, 317-346.	1.1	2
10	Understanding the True Stimulated Reservoir Volume in Shale Reservoirs. , 2017, , .		1
11	Convergence Analysis of a FV-FE Scheme for Partially Miscible Two-Phase Flow in Anisotropic Porous Media. Springer Proceedings in Mathematics and Statistics, 2014, , 713-721.	0.2	0