

T Kadeethum

List of Publications by Year in descending order

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21
papers

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1040056

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docs citations

23
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics-informed neural networks for solving nonlinear diffusivity and Biot's equations. PLoS ONE, 2020, 15, e0232683.	2.5	69
2	A framework for data-driven solution and parameter estimation of PDEs using conditional generative adversarial networks. Nature Computational Science, 2021, 1, 819-829.	8.0	44
3	Non-intrusive reduced order modeling of natural convection in porous media using convolutional autoencoders: Comparison with linear subspace techniques. Advances in Water Resources, 2022, 160, 104098.	3.8	32
4	The effect of stress distribution on the shape and direction of hydraulic fractures in layered media. Engineering Fracture Mechanics, 2019, 215, 151-163.	4.3	29
5	Flow in porous media with low dimensional fractures by employing enriched Galerkin method. Advances in Water Resources, 2020, 142, 103620.	3.8	23
6	An investigation of hydromechanical effect on well productivity in fractured porous media using full factorial experimental design. Journal of Petroleum Science and Engineering, 2019, 181, 106233.	4.2	20
7	Well productivity evaluation in deformable single-fracture media. Geothermics, 2020, 87, 101839.	3.4	18
8	A locally conservative mixed finite element framework for coupled hydro-mechanical-chemical processes in heterogeneous porous media. Computers and Geosciences, 2021, 152, 104774.	4.2	17
9	Enriched Galerkin discretization for modeling poroelasticity and permeability alteration in heterogeneous porous media. Journal of Computational Physics, 2021, 427, 110030.	3.8	10
10	Data-driven reduced order modeling of poroelasticity of heterogeneous media based on a discontinuous Galerkin approximation. GEM - International Journal on Geomathematics, 2021, 12, 1.	1.6	9
11	Finite Element Solvers for Biot's Poroelasticity Equations in Porous Media. Mathematical Geosciences, 2020, 52, 977-1015.	2.4	8
12	Overcome Viscous Fingering Effect in Heavy Oil Reservoirs by an Optimized Smart Water Injection Scheme. , 2017, , .		2
13	A Numerical Study of Fractured Reservoirs' Productivity Behavior through Coupled Hydromechanical Model. , 2018, , .		1
14	Overcome Viscous Fingering Effect in Heavy Oil Reservoirs by an Optimized Smart Water Injection Scheme Part II. , 2017, , .		1
15	Uncertainties - Extension of Smart Waterflooding from Core to Field Scale. , 2017, , .		1
16	Enhance Microscopic Sweep Efficiency by Smart Water in Tight and Very Tight Oil Reservoirs. , 2017, , .		0
17	Enhance Microscopic Sweep Efficiency by Smart Water in Tight and Very Tight Oil Reservoirs Part II. , 2017, , .		0
18	Physics-informed neural networks for solving nonlinear diffusivity and Biot's equations. , 2020, 15, e0232683.		0

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19	Physics-informed neural networks for solving nonlinear diffusivity and Biot's equations. , 2020, 15, e0232683.		0
20	Physics-informed neural networks for solving nonlinear diffusivity and Biot's equations. , 2020, 15, e0232683.		0
21	Physics-informed neural networks for solving nonlinear diffusivity and Biot's equations. , 2020, 15, e0232683.		0