# T Kadeethum

List of Publications by Year
in descending order



Version: 2024-02-01

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|---|---|---|---|
| 21 papers | 285 citations | 1040056 9 h-index | 1281871 11 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 154 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Enriched Galerkin discretization for modeling poroelasticity and permeability alteration in heterogeneous porous media. Journal of Computational Physics, 2021, 427, 110030. | 3.8 | 10 |
| 3 | 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 |
| 4 | A locally conservative mixed finite element framework for coupled hydro-mechanicalâ€“chemical processes in heterogeneous porous media. Computers and Geosciences, 2021, 152, 104774. | 4.2 | 17 |
| 5 | 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 |
| 6 | Finite Element Solvers for Biotâ€™s Poroelasticity Equations in Porous Media. Mathematical Geosciences, 2020, 52, 977-1015. | 2.4 | 8 |
| 7 | Physics-informed neural networks for solving nonlinear diffusivity and Biotâ€™s equations. PLoS ONE, 2020, 15, e0232683. | 2.5 | 69 |
| 8 | Flow in porous media with low dimensional fractures by employing enriched Galerkin method. Advances in Water Resources, 2020, 142, 103620. | 3.8 | 23 |
| 9 | Well productivity evaluation in deformable single-fracture media. Geothermics, 2020, 87, 101839. | 3.4 | 18 |
| 10 | Physics-informed neural networks for solving nonlinear diffusivity and Biotâ€™s equations. , 2020, 15, e0232683. | | 0 |
| 11 | Physics-informed neural networks for solving nonlinear diffusivity and Biotâ€™s equations. , 2020, 15, e0232683. | | 0 |
| 12 | Physics-informed neural networks for solving nonlinear diffusivity and Biotâ€™s equations. , 2020, 15, e0232683. | | 0 |
| 13 | Physics-informed neural networks for solving nonlinear diffusivity and Biotâ€™s equations. , 2020, 15, e0232683. | | 0 |
| 14 | 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 |
| 15 | 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 |
| 16 | A Numerical Study of Fractured Reservoirsâ€™ Productivity Behavior through Coupled Hydromechanical Model. , 2018, , . | | 1 |
| 17 | Overcome Viscous Fingering Effect in Heavy Oil Reservoirs by an Optimized Smart Water Injection Scheme. , 2017, , . | | 2 |
| 18 | Enhance Microscopic Sweep Efficiency by Smart Water in Tight and Very Tight Oil Reservoirs. , 2017, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Overcome Viscous Fingering Effect in Heavy Oil Reservoirs by an Optimized Smart Water Injection Scheme Part II. , 2017, , . | | 1 |
| 20 | Enhance Microscopic Sweep Efficiency by Smart Water in Tight and Very Tight Oil Reservoirs Part II. , 2017, , . | | 0 |
| 21 | Uncertainties - Extension of Smart Waterflooding from Core to Field Scale. , 2017, , . | | 1 |