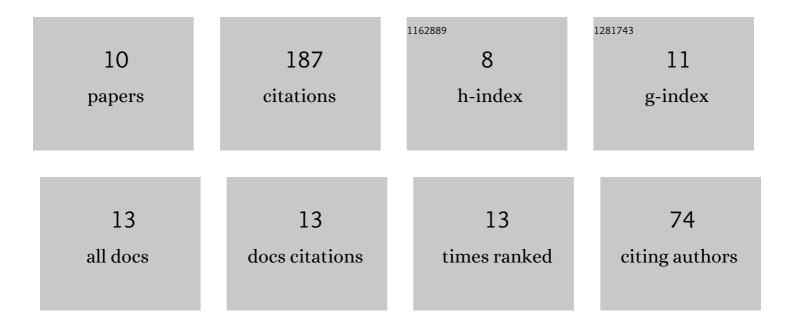
Mrityunjay Singh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4596593/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Simulations and global sensitivity analysis of the thermo-hydraulic-mechanical processes in a fractured geothermal reservoir. Energy, 2022, 247, 123511.	4.5	41
2	Thermo-hydro-mechanical modeling of an enhanced geothermal system in a fractured reservoir using carbon dioxide as heat transmission fluid- A sensitivity investigation. Energy, 2022, 254, 124266.	4.5	30
3	Analysis of evolving capillary transition, gravitational fingering, and dissolution trapping of CO2 in deep saline aquifers during continuous injection of supercritical CO2. International Journal of Greenhouse Gas Control, 2019, 82, 281-297.	2.3	17
4	Potential of \$\$hbox {CO}_{2}\$\$ based geothermal energy extraction from hot sedimentary and dry rock reservoirs, and enabling carbon geo-sequestration. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2020, 6, 1.	1.3	17
5	Coupled multiphase flow and transport simulation to model CO2 dissolution and local capillary trapping in permeability and capillary heterogeneous reservoir. International Journal of Greenhouse Gas Control, 2021, 108, 103329.	2.3	16
6	Impact of Well Placement in the Fractured Geothermal Reservoirs Based on Available Discrete Fractured System. Geosciences (Switzerland), 2022, 12, 19.	1.0	16
7	Simulation of Gravitational Instability and Thermoâ€Solutal Convection During the Dissolution of CO in Deep Storage Reservoirs. Water Resources Research, 2020, 56, e2019WR026126.	1.7	15
8	Hydro-Thermal Modeling for Geothermal Energy Extraction from Soultz-sous-Forêts, France. Geosciences (Switzerland), 2021, 11, 464.	1.0	11
9	Effect of Free Stream Turbulence on Flow Past a Circular Cylinder at Low Reynolds Numbers. Journal of the Institution of Engineers (India): Series C, 2019, 100, 43-58.	0.7	8
10	Effect of permeability heterogeneity on the dissolution process during carbon dioxide sequestration in saline aquifers: two-and three-dimensional structures. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, 1.	1.3	8