Mrityunjay Singh

List of Publications by Year
in descending order

10	187	1162889 8	1281743 11
papers	citations	h-index	g-index

13	13	13	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Well Placement in the Fractured Geothermal Reservoirs Based on Available Discrete Fractured System. Geosciences (Switzerland), 2022, 12, 19.	1.0	16
2	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
3	Simulations and global sensitivity analysis of the thermo-hydraulic-mechanical processes in a fractured geothermal reservoir. Energy, 2022, 247, 123511.	4.5	41
4	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
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	Hydro-Thermal Modeling for Geothermal Energy Extraction from Soultz-sous-ForÃªts, France. Geosciences (Switzerland), 2021, 11, 464.	1.0	11
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	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
9	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
10	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