

Mrityunjay Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4596593/publications.pdf>

Version: 2024-02-01

10
papers

187
citations

1162889

8
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulations and global sensitivity analysis of the thermo-hydraulic-mechanical processes in a fractured geothermal reservoir. <i>Energy</i> , 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. <i>Energy</i> , 2022, 254, 124266.	4.5	30
3	Analysis of evolving capillary transition, gravitational fingering, and dissolution trapping of CO ₂ in deep saline aquifers during continuous injection of supercritical CO ₂ . <i>International Journal of Greenhouse Gas Control</i> , 2019, 82, 281-297.	2.3	17
4	Potential of CO_2 based geothermal energy extraction from hot sedimentary and dry rock reservoirs, and enabling carbon geo-sequestration. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2020, 6, 1.	1.3	17
5	Coupled multiphase flow and transport simulation to model CO ₂ dissolution and local capillary trapping in permeability and capillary heterogeneous reservoir. <i>International Journal of Greenhouse Gas Control</i> , 2021, 108, 103329.	2.3	16
6	Impact of Well Placement in the Fractured Geothermal Reservoirs Based on Available Discrete Fractured System. <i>Geosciences (Switzerland)</i> , 2022, 12, 19.	1.0	16
7	Simulation of Gravitational Instability and Thermo-Solutal Convection During the Dissolution of CO ₂ in Deep Storage Reservoirs. <i>Water Resources Research</i> , 2020, 56, e2019WR026126.	1.7	15
8	Hydro-Thermal Modeling for Geothermal Energy Extraction from Soultz-sous-Forets, France. <i>Geosciences (Switzerland)</i> , 2021, 11, 464.	1.0	11
9	Effect of Free Stream Turbulence on Flow Past a Circular Cylinder at Low Reynolds Numbers. <i>Journal of the Institution of Engineers (India): Series C</i> , 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. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	1.3	8