

Javier E Santos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3546773/publications.pdf>

Version: 2024-02-01

12
papers

278
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

180
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MudrockNet: Semantic segmentation of mudrock SEM images through deep learning. Computers and Geosciences, 2022, 158, 104952. | 4.2 | 18 |
| 2 | 3D Dataset of binary images: A collection of synthetically created digital rock images of complex media. Data in Brief, 2022, 40, 107797. | 1.0 | 5 |
| 3 | MPLBM-UT: Multiphase LBM library for permeable media analysis. SoftwareX, 2022, 18, 101097. | 2.6 | 6 |
| 4 | Two-Phase Fluid Flow Properties of Rough Fractures With Heterogeneous Wettability: Analysis With Lattice Boltzmann Simulations. Water Resources Research, 2021, 57, . | 4.2 | 8 |
| 5 | Computationally Efficient Multiscale Neural Networks Applied to Fluid Flow in Complex 3D Porous Media. Transport in Porous Media, 2021, 140, 241-272. | 2.6 | 45 |
| 6 | Machine learning assisted history matching for a deepwater lobe system. Journal of Petroleum Science and Engineering, 2021, 207, 109086. | 4.2 | 15 |
| 7 | A deep learning approach to identify and segment alpha-smooth muscle actin stress fiber positive cells. Scientific Reports, 2021, 11, 21855. | 3.3 | 5 |
| 8 | Modeling Nanoconfinement Effects Using Active Learning. Journal of Physical Chemistry C, 2020, 124, 22200-22211. | 3.1 | 24 |
| 9 | Conditioning well data to rule-based lobe model by machine learning with a generative adversarial network. Energy Exploration and Exploitation, 2020, 38, 2558-2578. | 2.3 | 18 |
| 10 | Residual Saturation During Multiphase Displacement in Heterogeneous Fractures with Novel Deep Learning Prediction. , 2020, , . | | 5 |
| 11 | PoreFlow-Net: A 3D convolutional neural network to predict fluid flow through porous media. Advances in Water Resources, 2020, 138, 103539. | 3.8 | 125 |
| 12 | Determining the Impact of Mineralogy Composition for Multiphase Flow Through Hydraulically Induced Fractures. , 2018, , . | | 4 |