



Zitong Huang

Ph.D. Student in Energy Science and Engineering, admitted Spring 2024

Publications

PUBLICATIONS

- **Sub-core permeability inversion using positron emission tomography data-Ensemble Kalman Filter performance comparison and ensemble generation using an advanced convolutional neural network** *ADVANCES IN WATER RESOURCES*
Huang, Z., Zahasky, C.
2024; 185
- **Performance and limitations of deep learning semantic segmentation of multiple defects in transmission electron micrographs** *CELL REPORTS PHYSICAL SCIENCE*
Jacobs, R., Shen, M., Liu, Y., Hao, W., Li, X., He, R., Greaves, J. R. C., Wang, D., Xie, Z., Huang, Z., Wang, C., Field, K. G., Morgan, et al
2022; 3 (5)
- **Three-Dimensional Permeability Inversion Using Convolutional Neural Networks and Positron Emission Tomography** *WATER RESOURCES RESEARCH*
Huang, Z., Kurotori, T., Pini, R., Benson, S. M., Zahasky, C.
2022; 58 (3)