Publications

PUBLICATIONS

- Resampling and data augmentation for short-term PV output prediction based on an imbalanced sky images dataset using convolutional neural networks. *Solar Energy*
  Nie, Y.
  2021; 224

- PV power output prediction from sky images using convolutional neural network: The comparison of sky-condition-specific sub-models and an end-to-end model. *Journal of Renewable and Sustainable Energy*
  Nie, Y., Sun, Y., Chen, Y., Orsini, R., Brandt, A.
  2020; 12 (4)

- Greenhouse-gas emissions of Canadian liquefied natural gas for use in China: Comparison and synthesis of three independent life cycle assessments. *Journal of Cleaner Production*
  Nie, Y., Zhang, S., Liu, R., Roda-Stuart, D., Ravikumar, A. P., Bradley, A., Masnadi, M. S., Brandt, A. R., Bergerson, J., Bi, X.
  2020; 258

- Techno-economic assessment of transportation biofuels from hydrothermal liquefaction of forest residues in British Columbia. *Energy*
  Nie, Y., Bi, X. T.
  2018; 153: 464–75

- Life-cycle assessment of transportation biofuels from hydrothermal liquefaction of forest residues in British Columbia. *Biotechnology for Biofuels*
  Nie, Y., Bi, X.
  2018; 11: 23

  Liu, R. E., Ravikumar, A. P., Bi, X. T., Zhang, S., Nie, Y., Brandt, A., Bergerson, J. A.
  2021

- Repeated leak detection and repair surveys reduce methane emissions over scale of years. *Environmental Research Letters*
  2020; 15 (3)

- Analysis of wind turbine Gearbox's environmental impact considering its reliability. *Journal of Cleaner Production*
  Jiang, L., Xiang, D., Tan, Y. F., Nie, Y. H., Cao, H. J., Wei, Y. Z., Zeng, D., Shen, Y. H., Shen, G.
  2018; 180: 846–57