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Publications

PUBLICATIONS

- **Oxidant-assisted methane pyrolysis.** *Chemical science*
Gigantino, M., Moise, H., Haribal, V., Tong, A., Shen, J. P., Saad, D., Fishman, J., Nelson, A., Voorhis, H., Sun, E., Brandt, A., Gupta, R., Majumdar, et al
2025
- **A semi-continuous process for co-production of CO₂-free hydrogen and carbon nanotubes via methane pyrolysis** *CELL REPORTS PHYSICAL SCIENCE*
Sun, E., Zhai, S., Kim, D., Gigantino, M., Haribal, V., Dewey, O. S., Williams, S. M., Wan, G., Nelson, A., Marin-Quiros, S., Martis, J., Zhou, C., Oh, et al
2023; 4 (4)
- **Reply to the 'Comment on "Low-cost solutions to global warming, air pollution, and energy security for 145 countries"'** *ENERGY & ENVIRONMENTAL SCIENCE*
Jacobson, M. Z., von Krauland, A., Coughlin, S. J., Dukas, E., Nelson, A. J. H., Palmer, F. C., Rasmussen, K. R.
2023
- **Low-cost solutions to global warming, air pollution, and energy insecurity for 145 countries** *ENERGY & ENVIRONMENTAL SCIENCE*
Jacobson, M. Z., von Krauland, A., Coughlin, S. J., Dukas, E., Nelson, A. J. H., Palmer, F. C., Rasmussen, K. R.
2022
- **Transitioning All Energy in 74 Metropolitan Areas, Including 30 Megacities, to 100% Clean and Renewable Wind, Water, and Sunlight (WWS)** *ENERGIES*
Jacobson, M. Z., von Krauland, A., Burton, Z. F. M., Coughlin, S. J., Jaeggli, C., Nelli, D., Nelson, A. J. H., Shu, Y., Smith, M., Tan, C., Wood, C. D., Wood, K. D.
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