

# Stanford

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## Marco Gigantino

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### Bio

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#### STANFORD ADVISORS

- Matteo Cargnello, Postdoctoral Faculty Sponsor
- Matteo Cargnello, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Low-temperature carbon dioxide conversion via reverse water-gas shift thermochemical looping with supported iron oxide** *CELL REPORTS PHYSICAL SCIENCE*  
Sun, E., Wan, G., Haribal, V., Gigantino, M., Marin-Quiros, S., Oh, J., Vailionis, A., Tong, A., Randall, R., Rojas, J., Gupta, R., Majumdar, A.  
2023; 4 (9)
- **A semi-continuous process for co-production of CO<sub>2</sub>-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)
- **Recognizing the life and scientific contributions of a pioneer in solar thermochemistry: Prof. Aldo Steinfeld** *SOLAR ENERGY*  
Loutzenhiser, P. G., Bader, R., Cooper, T. A., Furler, P., Galvez, M., Gigantino, M., Good, P., Haussener, S., Hischier, I., Muhich, C. L., Petrasch, J., Scheffe, J. R.  
2023; 252: 401-402