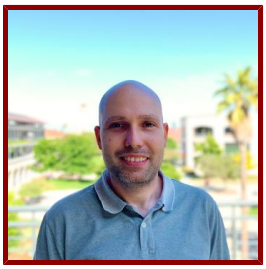
Stanford



Amnon Rothman

Postdoctoral Scholar, Chemical Engineering

Bio

PROFESSIONAL EDUCATION

- Master of Science, Ben Gurion University Of The Negev (2012)
- Doctor of Philosophy, Weizmann Institute Of Science (2021)
- Bachelor of Science, Ben Gurion University Of The Negev (2010)
- PhD, Weizmann Institute of Science , Chemistry (2020)
- MSc, Ben-Gurion University , Materials Science and Engineering (2012)
- BSc, Ben-Gurion University , Materials Science and Engineering (2010)

STANFORD ADVISORS

- Stacey Bent, Postdoctoral Faculty Sponsor
- Stacey Bent, Postdoctoral Research Mentor

LINKS

- LinkedIn: https://www.linkedin.com/in/amnonrothman/
- ORCID: https://orcid.org/0000-0002-7095-8279

Publications

PUBLICATIONS

- **Enhanced Growth in Atomic Layer Deposition of Ruthenium Metal: The Role of Surface Diffusion and Nucleation Sites** *CHEMISTRY OF MATERIALS*
  Rothman, A., Werbrouck, A., Bent, S. F.
  2023; 36 (1): 541-550
- **Real-Time Study of Surface-Guided Nanowire Growth by In Situ Scanning Electron Microscopy** *ACS NANO*
  Rothman, A., Bukvisova, K., Itzhak, N., Kaplan-Ashiri, I., Kossoy, A., Sui, X., Novak, L., Sikola, T., Kolibal, M., Joselevich, E.
  2022; 16 (11): 18757-18766