

- Almusa, A., Galeza, R., Wang, M., & Majidi, C. (2020). Compliance-tuning soft inflatable wheels for robot mobility on various terrains. *2020 3rd IEEE International Conference on Soft Robotics (RoboSoft)*, 558–563. <https://doi.org/10.1109/RoboSoft48309.2020.9116017>
- Girija, A. P., Agrawal, R., Lu, Y., Arora, A., de Jong, M., Saikia, S. J., & Longuski, J. M. (2023). A single wheel test rig for Ocean World rovers. *Journal of Terramechanics*, *109*, 101–119. <https://doi.org/10.1016/j.iterra.2023.07.001>
- Hu, J., Shu, S., & Han, W. (2024). A novel mobile robot with origami wheels designed for navigating sandy terrains. *Robotica*, *42*(11), 3731–3747. <https://doi.org/10.1017/S0263574724001619>
- Ishigami, G., Otsuki, M., Kubota, T., & Iagnemma, K. (2011). Modeling of flexible and rigid wheels for exploration rover on rough terrain. In *Proceedings of the 28th International Symposium on Space Technology and Science*. <https://www.semanticscholar.org/paper/Modeling-of-Flexible-and-Rigid-Wheels-for-Rover-on-Ishigami-Otsuki/fef42aee5da71d8811ec1fde8ed5b91d94bf5d8>
- Jet Propulsion Laboratory. (2009). NASA to begin attempts to free sand-trapped Mars rover. *National Aeronautics and Space Administration*. <https://www.jpl.nasa.gov/news/nasa-to-begin-attempts-to-free-sand-trapped-mars-rover/>
- Nagaoka, K., Sawada, K., & Yoshida, K. (2020). Shape effects of wheel grousers on traction performance on sandy terrain. *Journal of Terramechanics*, *90*, 23–30. <https://doi.org/10.1016/j.iterra.2019.08.001>
- National Aeronautics and Space Administration. (2003). Mars Exploration Rover: NASA facts (Fact sheet). *Jet Propulsion Laboratory*. https://mars.nasa.gov/internal_resources/825/
- Shrivastava, S., Karsai, A., Aydin, Y. Ö., Pettinger, R., Bluethmann, W., Ambrose, R. O., & Goldman, D. I. (2020). Material remodeling and unconventional gaits facilitate locomotion of a robophysical rover over granular terrain. *Science Robotics*, *5*(42), eaba3499. <https://doi.org/10.1126/scirobotics.aba3499>

Yang, W., Xing, Y., & Zhang, H. (2025). A method for autonomous intelligent extrication control of Mars rover based on deep reinforcement learning. *Intelligent computing and communication for vision and robotics (ICCVIR 2024)*, 47, 122–132. https://doi.org/10.1007/978-3-031-85952-6_12

Zhao, J., Xiao, Z., Huang, J., Head, J. W., Wang, J., Shi, Y., Wu, B., & Wang, L. (2021). Geological characteristics and targets of high scientific interest in the Zhurong landing region on Mars. *Geophysical Research Letters*, 48, e2021GL094903. <https://doi.org/10.1029/2021GL094903>