

Stanford

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Publications

PUBLICATIONS

- **Generating probabilistic safety guarantees for neural network controllers** *MACHINE LEARNING*
Katz, S. M., Julian, K. D., Strong, C. A., Kochenderfer, M. J.
2021
- **Synthesis and characterization of Fe(III)-Fe(II)-Mg-Al smectite solid solutions and implications for planetary science** *AMERICAN MINERALOGIST*
Fox, V. K., Kupper, R. J., Ehlmann, B. L., Catalano, J. G., Razzell-Hollis, J., Abbey, W. J., Schild, D. J., Nickerson, R. D., Peters, J. C., Katz, S. M., White, A. A.
2021; 106 (6): 964-982
- **Verification of image-based neural network controllers using generative model** *Digital Avionics Systems Conference (DASC)*
Katz, S. M., Corso, A. L., Strong, C. A., Kochenderfer, M. J.
2021
- **Learning an Urban Air Mobility Encounter Model from Expert Preferences**
Katz, S. M., Le Bihan, A., Kochenderfer, M. J., IEEE
IEEE.2019