

## Alexander Madurowicz

Ph.D. Student in Physics, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Multiwavelength Mitigation of Stellar Activity in Astrometric Planet Detection** *ASTRONOMICAL JOURNAL*  
Kaplan-Lipkin, A., Macintosh, B., Madurowicz, A., Sowmya, K., Shapiro, A., Krivova, N., Solanki, S. K.  
2022; 163 (5)
- **Integral Field Spectroscopy with the Solar Gravitational Lens** *ASTROPHYSICAL JOURNAL*  
Madurowicz, A., Macintosh, B.  
2022; 930 (1)
- **Asymmetries in adaptive optics point spread functions** *JOURNAL OF ASTRONOMICAL TELESCOPES INSTRUMENTS AND SYSTEMS*  
Madurowicz, A., Macintosh, B., Chilcote, J., Perrin, M., Poyneer, L., Pueyo, L., Ruffio, J., Bailey, V. P., Barman, T., Bulger, J., Cotten, T., De Rosa, R. J., Doyon, et al  
2019; 5 (4)
- **Characterization of lemniscate atmospheric aberrations in Gemini Planet Imager data**  
Madurowicz, A., Macintosh, B. A., Ruffio, J., Chilcote, J., Bailey, V. P., Poyneer, L., Nielsen, E., Norton, A. P., Close, L. M., Schreiber, L., Schmidt, D.  
SPIE-INT SOC OPTICAL ENGINEERING.2018