

Stanford



Christian Aganze

Postdoctoral Scholar, Physics

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Diego (2023)
- PhD, UC San Diego , Physics (2023)

STANFORD ADVISORS

- Risa Wechsler, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **TESS discovery of a super-Earth orbiting the M-dwarf star TOI-1680** *ASTRONOMY & ASTROPHYSICS*
Ghachoui, M., Soubkiou, A., Wells, R. D., Rackham, B. V., Triaud, A. J., Sebastian, D., Giacalone, S., Stassun, K. G., Ciardi, D. R., Collins, K. A., Liu, A., Chew, Y., Gillon, et al
2023; 677
- **JWST/NIRCam Discovery of the First Y plus Y Brown Dwarf Binary: WISE J033605.05-014350.4** *ASTROPHYSICAL JOURNAL LETTERS*
Calissendorff, P., De Furio, M., Meyer, M., Albert, L., Aganze, C., Ali-Dib, M., Bardalez Gagliuffi, D. C., Baron, F., Beichman, C. A., Burgasser, A. J., Cushing, M. C., Faherty, J., Fontanive, et al
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- **A super-Earth and a mini-Neptune near the 2:1 MMR straddling the radius valley around the nearby mid-M dwarf TOI-2096** *ASTRONOMY & ASTROPHYSICS*
Pozuelos, F. J., Timmermans, M., Rackham, B. V., Garcia, L. J., Burgasser, A. J., Kane, S. R., Guenther, M. N., Stassun, K. G., Van Grootel, V., Devora-Pajares, M., Luque, R., Edwards, B., Niraula, et al
2023; 672
- **Two temperate super-Earths transiting a nearby late-type M dwarf** *ASTRONOMY & ASTROPHYSICS*
Delrez, L., Murray, C. A., Pozuelos, F. J., Narita, N., Ducrot, E., Timmermans, M., Watanabe, N., Burgasser, A. J., Hirano, T., Rackham, B., Stassun, K. G., Van Grootel, V., Aganze, et al
2022; 667
- **Beyond the Local Volume. II. Population Scaleheights and Ages of Ultracool Dwarfs in Deep HST/WFC3 Parallel Fields** *ASTROPHYSICAL JOURNAL*
Aganze, C., Burgasser, A. J., Malkan, M., Theissen, C. A., Arevalo, R., Hsu, C., Gagliuffi, D., Ryan, R. E., Holwerda, B.
2022; 934 (1)
- **Beyond the Local Volume. I. Surface Densities of Ultracool Dwarfs in Deep HST/WFC3 Parallel Fields** *ASTROPHYSICAL JOURNAL*
Aganze, C., Burgasser, A. J., Malkan, M., Theissen, C. A., Tejada Arevalo, R. A., Hsu, C., Bardalez Gagliuffi, D. C., Ryan, R. E., Holwerda, B.
2022; 924 (2)
- **The Field Substellar Mass Function Based on the Full-sky 20 pc Census of 525 L, T, and Y Dwarfs** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

Kirkpatrick, J., Gelino, C. R., Faherty, J. K., Meisner, A. M., Caselden, D., Schneider, A. C., Marocco, F., Cayago, A. J., Smart, R. L., Eisenhardt, P. R., Kuchner, M. J., Wright, E. L., Cushing, et al
2021; 253 (1)