

Stanford



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STANFORD ADVISORS

- Erin Mordecai, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Optimized Replacement T4 and T4+T3 Dosing in Male and Female Hypothyroid Patients With Different BMIs Using a Personalized Mechanistic Model of Thyroid Hormone Regulation Dynamics** *FRONTIERS IN ENDOCRINOLOGY*
Cruz-Loya, M., Chu, B. B., Jonklaas, J., Schneider, D. F., DiStefano, J.
2022; 13: 888429
- **Antibiotics Shift the Temperature Response Curve of Escherichia coli Growth** *MSYSTEMS*
Cruz-Loya, M., Tekin, E., Kang, T., Cardona, N., Lozano-Huntelman, N., Rodriguez-Verdugo, A., Savage, V. M., Yeh, P. J.
2021; 6 (4): e0022821
- **Hidden suppressive interactions are common in higher-order drug combinations** *ISCIENCE*
Lozano-Huntelman, N., Zhou, A., Tekin, E., Cruz-Loya, M., Ostman, B., Boyd, S., Savage, V. M., Yeh, P.
2021; 24 (4): 102355
- **Using a newly introduced framework to measure ecological stressor interactions** *ECOLOGY LETTERS*
Tekin, E., Diamant, E. S., Cruz-Loya, M., Enriquez, V., Singh, N., Savage, V. M., Yeh, P. J.
2020; 23 (9): 1391-1403
- **Compounding Effects of Climate Warming and Antibiotic Resistance** *ISCIENCE*
Rodriguez-Verdugo, A., Lozano-Huntelman, N., Cruz-Loya, M., Savage, V., Yeh, P.
2020; 23 (4): 101024
- **Stressor interaction networks suggest antibiotic resistance co-opted from stress responses to temperature** *ISME JOURNAL*
Cruz-Loya, M., Kang, T., Lozano, N., Watanabe, R., Tekin, E., Damoiseaux, R., Savage, V. M., Yeh, P. J.
2019; 13 (1): 12-23
- **Prevalence and patterns of higher-order drug interactions in Escherichia coli** *NPJ SYSTEMS BIOLOGY AND APPLICATIONS*
Tekin, E., White, C., Kang, T., Singh, N., Cruz-Loya, M., Damoiseaux, R., Savage, V. M., Yeh, P. J.
2018; 4: 31