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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Safe food: A human right amid climate change.** *Science (New York, N.Y.)*
Knight, C. J., Burnham, T. L., Crowder, L. B., Eurich, J. G., Franz, N., Golden, C. D., Micheli, F.
2025; 389 (6765): 1099
- **Sex-specific variation in species interactions matters in ecological communities.** *Trends in ecology & evolution*
Gissi, E., Goodman, M. C., Elahi, R., McDevitt-Irwin, J. M., Arnoldi, N. S., Arafeh-Dalmau, N., Knight, C. J., Olguín-Jacobson, C., Palmisciano, M., Tillman, C. M., De Leo, G. A., Micheli, F.
2024
- **Integrating climate adaptation and transboundary management: Guidelines for designing climate-smart marine protected areas** *ONE EARTH*
Arafeh-Dalmau, N., Munguia-Vega, A., Micheli, F., Vilalta-Navas, A., Villaseñor-Derbez, J., Precoma-de la Mora, M., Schoeman, D. S., Medellín-Ortiz, A., Cavanaugh, K. C., Sosa-Nishizaki, O., Burnham, T. L. U., Knight, C. J., Woodson, et al
2023; 6 (11): 1523-1541
- **Monitoring and modelling the effects of ecosystem engineers on ecosystem functioning** *FUNCTIONAL ECOLOGY*
Losapio, G., Genes, L., Knight, C. J., McFadden, T. N., Pavan, L.
2023
- **Land-dependent marine species face climate-driven impacts on land and at sea** *MARINE ECOLOGY PROGRESS SERIES*
Blondin, H. E., Armstrong, K. C., Hazen, E. L., Oestreich, W. K., Santos, B. S., Haulsee, D. E., Mikles, C. S., Knight, C. J., Bennett, A. E., Crowder, L. B.
2022; 699: 181-198
- **Conspecific cues, not starvation, mediate barren urchin response to predation risk.** *Oecologia*
Knight, C. J., Dunn, R. P., Long, J. D.
2022
- **Promoting equity in scientific recommendations for high seas governance** *One Earth*
Chapman, M. S., Oestreich, W. K., Frawley, T. H., Boettiger, C., Diver, S., Santos, B. S., Scoville, C., Armstrong, K., Blondin, H., Chand, K., Haulsee, D. E., Knight, C. J., Crowder, et al
2021; 4 (6): 790-794
- **3D genomics across the tree of life reveals condensin II as a determinant of architecture type.** *Science (New York, N.Y.)*
Hoencamp, C., Dudchenko, O., Elbatsh, A. M., Brahmachari, S., Raaijmakers, J. A., van Schaik, T., Sedeño Cacciatore, Á., Contessoto, V. G., van Heesbeen, R. G., van den Broek, B., Mhaskar, A. N., Teunissen, H., St Hilaire, et al

2021; 372 (6545): 984-989

- **COVID-19 reveals vulnerability of small-scale fisheries to global market systems.** *The Lancet. Planetary health*
Knight, C. J., Burnham, T. L., Mansfield, E. J., Crowder, L. B., Micheli, F. n.
2020; 4 (6): e219

- **Predation on competing mussel species: Patterns of prey consumption and its potential role in species coexistence** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
Escobar, J. B., Knight, C., Navarrete, S. A.
2018; 504: 38-46

- **Complex Consequences of Herbivory and Interplant Cues in Three Annual Plants** *PLOS ONE*
Pearse, I. S., Porensky, L. M., Yang, L. H., Stanton, M. L., Karban, R., Bhattacharyya, L., Cox, R., Dove, K., Higgins, A., Kamoroff, C., Kirk, T., Knight, C., Koch, et al
2012; 7 (5): e38105