

## Arynn Gallegos

Ph.D. Student in Electrical Engineering, admitted Autumn 2020

### Publications

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#### PUBLICATIONS

- **Spatially Controlled Uv Light Generation at Depth Using Upconversion Micelles.** *Advanced materials (Deerfield Beach, Fla.)*  
Zhou, Q., Wirtz, B. M., Schloemer, T. H., Burroughs, M. C., Hu, M., Narayanan, P., Lyu, J., Gallegos, A. O., Layton, C., Mai, D. J., Congreve, D. N.  
2023: e2301563
- **Water additives improve the efficiency of violet perovskite light-emitting diodes** *MATTER*  
Hu, M., Fernandez, S., Zhou, Q., Narayanan, P., Saini, B., Schloemer, T. H., Lyu, J., Gallegos, A. O., Ahmed, G. H., Congreve, D. N.  
2023; 6 (7): 2356-2367
- **Triplet Fusion Upconversion Nanocapsule Synthesis.** *Journal of visualized experiments : JoVE*  
Schloemer, T. H., Sanders, S. N., Zhou, Q., Narayanan, P., Hu, M., Gangishetty, M. K., Anderson, D., Seitz, M., Gallegos, A. O., Stokes, R. C., Congreve, D. N.  
2022
- **Triplet fusion upconversion nanocapsules for volumetric 3D printing.** *Nature*  
Sanders, S. N., Schloemer, T. H., Gangishetty, M. K., Anderson, D., Seitz, M., Gallegos, A. O., Stokes, R. C., Congreve, D. N.  
2022; 604 (7906): 474-478
- **Reflections on hosting summer undergraduate researchers in the midst of a pandemic.** *Matter*  
Gallegos, A. O., Ahmed, G. H., Schloemer, T. H., Congreve, D. N.  
2021; 4 (10): 3074-3077