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Bio

STANFORD ADVISORS

- Joseph DeSimone, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **High-resolution stereolithography: Negative spaces enabled by control of fluid mechanics.** *Proceedings of the National Academy of Sciences of the United States of America*
Coates, I. A., Pan, W., Saccone, M. A., Lipkowitz, G., Ilyin, D., Driskill, M. M., Dulay, M. T., Frank, C. W., Shaqfeh, E. S., DeSimone, J. M.
2024; 121 (37): e2405382121
- **3D-Printed Latticed Microneedle Array Patches for Tunable and Versatile Intradermal Delivery.** *Advanced materials (Deerfield Beach, Fla.)*
Rajesh, N. U., Luna Hwang, J., Xu, Y., Saccone, M. A., Hung, A. H., Hernandez, R. A., Coates, I. A., Driskill, M. M., Dulay, M. T., Jacobson, G. B., Tian, S., Perry, J. L., DeSimone, et al
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- **Growing three-dimensional objects with light.** *Proceedings of the National Academy of Sciences of the United States of America*
Lipkowitz, G., Saccone, M. A., Panzer, M. A., Coates, I. A., Hsiao, K., Ilyin, D., Kronenfeld, J. M., Tumbleston, J. R., Shaqfeh, E. S., DeSimone, J. M.
2024; 121 (28): e2303648121
- **Roll-to-roll, high-resolution 3D printing of shape-specific particles.** *Nature*
Kronenfeld, J. M., Rother, L., Saccone, M. A., Dulay, M. T., DeSimone, J. M.
2024; 627 (8003): 306-312