

Stanford

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Bio

STANFORD ADVISORS

- Zhenan Bao, Postdoctoral Faculty Sponsor
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Publications

PUBLICATIONS

- **Standalone real-time health monitoring patch based on a stretchable organic optoelectronic system.** *Science advances*
Lee, Y., Chung, J. W., Lee, G. H., Kang, H., Kim, J., Bae, C., Yoo, H., Jeong, S., Cho, H., Kang, S., Jung, J. Y., Lee, D., Gam, et al
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- **Stretchable self-healable semiconducting polymer film for active-matrix strain-sensing array.** *Science advances*
Oh, J. Y., Son, D., Katsumata, T., Lee, Y., Kim, Y., Lopez, J., Wu, H., Kang, J., Park, J., Gu, X., Mun, J., Wang, N. G., Yin, et al
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- **Stretchable organic optoelectronic sensorimotor synapse.** *Science advances*
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- **Stretchable organic optoelectronic sensorimotor synapse** *SCIENCE ADVANCES*
Lee, Y., Oh, J., Xu, W., Kim, O., Kim, T., Kang, J., Kim, Y., Son, D., Tok, J., Park, M., Bao, Z., Lee, T.
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- **An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network** *NATURE NANOTECHNOLOGY*
Son, D., Kang, J., Vardoulis, O., Kim, Y., Matsuhisa, N., Oh, J., To, J. F., Mun, J., Katsumata, T., Liu, Y., McGuire, A. F., Krasen, M., Molina-Lopez, et al
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- **An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network.** *Nature nanotechnology*
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- **A bioinspired flexible organic artificial afferent nerve** *SCIENCE*
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2018; 360 (6392): 998-+
- **Tough and Water-Insensitive Self-Healing Elastomer for Robust Electronic Skin** *ADVANCED MATERIALS*
Kang, J., Son, D., Wang, G., Liu, Y., Lopez, J., Kim, Y., Oh, J., Katsumata, T., Mun, J., Lee, Y., Jin, L., Tok, J., Bao, et al
2018; 30 (13): e1706846
- **Deformable Organic Nanowire Field-Effect Transistors** *ADVANCED MATERIALS*
Lee, Y., Oh, J., Kim, T., Gu, X., Kim, Y., Wang, G., Wu, H., Pfattner, R., To, J. F., Katsumata, T., Son, D., Kang, J., Matthews, et al
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- **Deformable Organic Nanowire Field-Effect Transistors.** *Advanced materials (Deerfield Beach, Fla.)*

Lee, Y. n., Oh, J. Y., Kim, T. R., Gu, X. n., Kim, Y. n., Wang, G. N., Wu, H. C., Pfattner, R. n., To, J. W., Katsumata, T. n., Son, D. n., Kang, J. n., Matthews, et al
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