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Bio

STANFORD ADVISORS

- H. Tom Soh, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Soft, bioresorbable, transparent microelectrode arrays for multimodal spatiotemporal mapping and modulation of cardiac physiology.** *Science advances*
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- **Graphene Biointerface for Cardiac Arrhythmia Diagnosis and Treatment.** *Advanced materials (Deerfield Beach, Fla.)*
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- **Transparent and Stretchable Au#Ag Nanowire Recording Microelectrode Arrays.** *Advanced materials technologies*
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- **Flexible Electro-Optical Arrays for Simultaneous Multi-Site Colocalized Spatiotemporal Cardiac Mapping and Modulation** *ADVANCED OPTICAL MATERIALS*
Obaid, S. N., Chen, Z., Madrid, M., Lin, Z., Tian, J., Humphreys, C., Adams, J., Daza, N., Balansag, J., Efimov, I. R., Lu, L.
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- **Flexible and Transparent Metal Nanowire Microelectrode Arrays and Interconnects for Electrophysiology, Optogenetics, and Optical Mapping** *ADVANCED MATERIALS TECHNOLOGIES*
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- **Advanced Electrical and Optical Microsystems for Biointerfacing** *ADVANCED INTELLIGENT SYSTEMS*
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- **Flexible and Transparent Metal Oxide/Metal Grid Hybrid Interfaces for Electrophysiology and Optogenetics.** *Advanced materials technologies*
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- **Wireless, battery-free subdermally implantable photometry systems for chronic recording of neural dynamics.** *Proceedings of the National Academy of Sciences of the United States of America*
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2020; 117 (6): 2835-2845
- **Recent advances in organic optoelectronic devices for biomedical applications** *OPTICAL MATERIALS EXPRESS*
Chen, Z., Obaid, S. N., Lu, L.
2019; 9 (9): 3843-3856

- **All-Solid-State Asymmetric Supercapacitors with Metal Selenides Electrodes and Ionic Conductive Composites Electrolytes** *ADVANCED FUNCTIONAL MATERIALS*

Chen, Z., Yang, Y., Ma, Z., Zhu, T., Liu, L., Zheng, J., Gong, X.

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