Stanford



Peng Zhao

Postdoctoral Scholar, Orthopedic Surgery

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tsinghua University (2023)

STANFORD ADVISORS

- Yunzhi Peter Yang, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Hybrid Bioprinting for functionally graded tissue engineering constructs with patterned and localized biochemical signals.** *Advanced composites and hybrid materials*
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- **Superimposed Electric Field Enhanced Electrospray for High-Throughput and Consistent Cell Encapsulation.** *Advanced healthcare materials*
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- **Cell mediated ECM-degradation as an emerging tool for anti-fibrotic strategy.** *Cell regeneration (London, England)*
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- **Scar-Degrading Endothelial Cells as a Treatment for Advanced Liver Fibrosis** *ADVANCED SCIENCE*
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- **3D biomaterial P scaffolds carrying umbilical cord mesenchymal stem cells improve biointegration of keratoprosthesis.** *Biomedical materials (Bristol, England)*
  Li, Y., Xu, W., Li, Q., Li, X., Li, J., Kang, L., Fang, Y., Cheng, S., Zhao, P., Jiang, S., Liu, W., Yan, X., Du, et al
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- **Synthetic liver fibrotic niche extracts achieve in vitro hepatoblasts phenotype enhancement and expansion.** *iScience*
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- **Cryoprotectant enables structural control of porous scaffolds for exploration of cellular mechano-responsiveness in 3D** *NATURE COMMUNICATIONS*
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