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## Xinyuan Liu

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### Bio

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#### STANFORD ADVISORS

- John Sunwoo, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **GSEApY: a comprehensive package for performing gene set enrichment analysis in Python.** *Bioinformatics (Oxford, England)*  
Fang, Z., Liu, X., Peltz, G.  
2022
- **SOX1 Is Required for the Specification of Rostral Hindbrain Neural Progenitor Cells from Human Embryonic Stem Cells** *ISCIENCE*  
Liu, X., Fang, Z., Wen, J., Tang, F., Liao, B., Jing, N., Lai, D., Jin, Y.  
2020; 23 (9): 101475
- **SOX21 Ensures Rostral Forebrain Identity by Suppression of WNT8B during Neural Regionalization of Human Embryonic Stem Cells** *STEM CELL REPORTS*  
Fang, Z., Liu, X., Wen, J., Tang, F., Zhou, Y., Jing, N., Jin, Y.  
2019; 13 (6): 1038-1052
- **CDK11 safeguards the identity of human embryonic stem cells via fine-tuning signaling pathways** *JOURNAL OF CELLULAR PHYSIOLOGY*  
Ding, J., Fang, Z., Liu, X., Zhu, Z., Wen, C., Wang, H., Gu, J., Li, Q., Zeng, R., Li, H., Jin, Y.  
2020; 235 (5): 4279-4290
- **The chromatin remodeler Chd4 maintains embryonic stem cell identity by controlling pluripotency- and differentiation-associated genes** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Zhao, H., Han, Z., Liu, X., Gu, J., Tang, F., Wei, G., Jin, Y.  
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