

## Jinzhao Wang

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### Publications

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#### PUBLICATIONS

- **BAI adhesion-GPCRs perform distinct functions in neural development differentially controlled by RTN4R and C1ql ligands.** *Nature communications*  
Wang, J., Wang, J., Miao, Y., Li, Y., Zhu, S., Zhang, Y., Yousif, A., Huang, M., Wernig, M., Südhof, T. C.  
2025
- **Defined human tri-lineage brain microtissues.** *bioRxiv : the preprint server for biology*  
Uenaka, T., Jung, S., Kumar, I., Vodehnal, K., Rastogi, M., Yoo, Y., Koontz, M., Thome, C., Li, W., Chan, T., Green, E. M., Chesnov, K., Sun, et al  
2025
- **Structure of the complex of C1q-like 3 protein with adhesion-GPCR BAI3.** *Communications biology*  
Miao, Y., Wang, H., Jude, K. M., Wang, J., Wang, J., Wernig, M., Südhof, T. C.  
2025; 8 (1): 693
- **Distinct mechanisms control the specific synaptic functions of Neuroligin 1 and Neuroligin 2.** *EMBO reports*  
Wang, J., Südhof, T., Wernig, M.  
2025
- **Efficient generation of functional neurons from mouse embryonic stem cells via neurogenin-2 expression.** *Nature protocols*  
Liu, Y., Wang, J., Südhof, T. C., Wernig, M.  
2023
- **Astrocytic Neuroligins Are Not Required for Synapse Formation or a Normal Astrocyte Cytoarchitecture.** *bioRxiv : the preprint server for biology*  
Golf, S. R., Trotter, J. H., Nakahara, G., Südhof, T. C.  
2023
- **RTN4/NoGo-receptor binding to BAI adhesion-GPCRs regulates neuronal development.** *Cell*  
Wang, J., Miao, Y., Wicklein, R., Sun, Z., Wang, J., Jude, K. M., Fernandes, R. A., Merrill, S. A., Wernig, M., Garcia, K. C., Südhof, T. C.  
2021
- **Cross-platform validation of neurotransmitter release impairments in schizophrenia patient-derived NRXN1-mutant neurons.** *Proceedings of the National Academy of Sciences of the United States of America*  
Pak, C., Danko, T., Mirabella, V. R., Wang, J., Liu, Y., Vangipuram, M., Grieder, S., Zhang, X., Ward, T., Huang, Y. A., Jin, K., Dexheimer, P., Bardes, et al  
2021; 118 (22)