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Publications

PUBLICATIONS

- **The cryo-EM structure of the human ERAD retrotranslocation complex.** *Science advances*
Rao, B., Wang, Q., Yao, D., Xia, Y., Li, W., Xie, Y., Li, S., Cao, M., Shen, Y., Qin, A., Zhao, J., Cao, Y.
2023; 9 (41): eadi5656
- **The structural pathology for hypophosphatasia caused by malfunctional tissue non-specific alkaline phosphatase** *NATURE COMMUNICATIONS*
Yu, Y., Rong, K., Yao, D., Zhang, Q., Cao, X., Rao, B., Xia, Y., Lu, Y., Shen, Y., Yao, Y., Xu, H., Ma, P., Cao, et al
2023; 14 (1): 4048
- **The structural basis of the pH-homeostasis mediated by the Cl-/HCO₃- exchanger, AE2** *NATURE COMMUNICATIONS*
Zhang, Q., Jian, L., Yao, D., Rao, B., Xia, Y., Hu, K., Li, S., Shen, Y., Cao, M., Qin, A., Zhao, J., Cao, Y.
2023; 14 (1): 1812
- **C-terminal deletion-induced condensation sequesters AID from IgH targets in immunodeficiency** *EMBO JOURNAL*
Xie, X., Gan, T., Rao, B., Zhang, W., Panchakshari, R. A., Yang, D., Ji, X., Cao, Y., Alt, F. W., Meng, F., Hu, J.
2022; 41 (11): e109324
- **The structural basis for the phospholipid remodeling by lysophosphatidylcholine acyltransferase 3** *NATURE COMMUNICATIONS*
Zhang, Q., Yao, D., Rao, B., Jian, L., Chen, Y., Hu, K., Xia, Y., Li, S., Shen, Y., Qin, A., Zhao, J., Zhou, L., Lei, et al
2021; 12 (1): 6869
- **The cryo-EM structure of an ERAD protein channel formed by tetrameric human Derlin-1** *SCIENCE ADVANCES*
Rao, B., Li, S., Yao, D., Wang, Q., Xia, Y., Jia, Y., Shen, Y., Cao, Y.
2021; 7 (10)