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Publications

PUBLICATIONS

- **Chemical mapping of the surface interactome of PIEZO1 identifies CADM1 as a modulator of channel inactivation.** *Proceedings of the National Academy of Sciences of the United States of America*
Koster, A. K., Yarishkin, O., Dubin, A. E., Kefauver, J. M., Pak, R. A., Cravatt, B. F., Patapoutian, A.
2024; 121 (41): e2415934121
- **Development and validation of a potent and specific inhibitor for the CLC-2 chloride channel.** *Proceedings of the National Academy of Sciences of the United States of America*
Koster, A. K., Reese, A. L., Kuryshv, Y., Wen, X., McKiernan, K. A., Gray, E. E., Wu, C., Huguenard, J. R., Maduke, M., Du Bois, J.
2020
- **Dynamical model of the CLC-2 ion channel reveals conformational changes associated with selectivity-filter gating.** *PLoS computational biology*
McKiernan, K. A., Koster, A. K., Maduke, M. n., Pande, V. S.
2020; 16 (3): e1007530
- **A selective class of inhibitors for the CLC-Ka chloride ion channel** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Koster, A. K., Wood, C. A. P., Thomas-Tran, R., Chavan, T. S., Almqvist, J., Choi, K., Du Bois, J., Maduke, M.
2018; 115 (21): E4900–E4909