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Bio

LINKS

- pubmed: <https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/50034123/?sort=date&direction=descending>
- google scholar: https://scholar.google.com/citations?hl=en&user=qz6POUsAAAAJ&view_op=list_works&sortby=pubdate
- Levitt lab: <http://med.stanford.edu/levitt.html>

Publications

PUBLICATIONS

- **Structure of the 30S ribosomal decoding complex at ambient temperature** *RNA*
Dao, E., Poitevin, F., Sierra, R. G., Gati, C., Rao, Y., Ciftci, H., Aksit, F., McGurk, A., Obrinski, T., Mgbam, P., Hayes, B., De Lichtenberg, C., Pardo-Avila, et al
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- **Aminoglycoside ribosome interactions reveal novel conformational states at ambient temperature** *NUCLEIC ACIDS RESEARCH*
O'Sullivan, M. E., Poitevin, F., Sierra, R. G., Gati, C., Dao, E., Rao, Y., Aksit, F., Ciftci, H., Corsepheus, N., Greenhouse, R., Hayes, B., Hunter, M. S., Liang, et al
2018; 46 (18): 9793–9804
- **Nutrient transport suggests an evolutionary basis for charged archaeal surface layer proteins** *ISME JOURNAL*
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2018; 12 (10): 2389–2402
- **Structure of the 30S ribosomal decoding complex at ambient temperature.** *RNA (New York, N.Y.)*
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- **Atomistic string method solution for ion channel gating and modulation by general anesthetics**
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- **Intermolecular correlations are necessary to explain diffuse scattering from protein crystals** *IUCRJ*
Peck, A., Poitevin, F., Lane, T. J.
2018; 5: 211–22
- **Nutrient transport suggests an evolutionary basis for charged archaeal surface layer proteins.** *The ISME journal*
Li, P. N., Herrmann, J., Tolar, B. B., Poitevin, F., Ramdasi, R., Bargar, J. R., Stahl, D. A., Jensen, G. J., Francis, C. A., Wakatsuki, S., van den Bedem, H.
2018
- **Reduction of small-angle scattering profiles to finite sets of structural invariants** *ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES*
Houdayer, J., Poitevin, F.
2017; 73: 317–32

- **String method solution of the gating pathways for a pentameric ligand-gated ion channel** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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2017; 114 (21): E4158-E4167
- **The Renormalization Group and Its Applications to Generating Coarse-Grained Models of Large Biological Molecular Systems.** *Journal of chemical theory and computation*
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- **Gating Pathways for a Pentameric Ligand-Gated Ion Channel Solved by Atomistic String Method Simulations**
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