



Dara Dowlatshahi

Research Assoc-Experimental, SLAC National Accelerator Laboratory

Publications

PUBLICATIONS

- **Fast wide-field light sheet electro-optic FLIM** *OPTICS EXPRESS*
Knight, V., Bode, N., Dowlatshahi, D. P., Kim, J., Mudgett, M., Wakatsuki, S., Bowman, A. J., Kasevich, M. A.
2026; 34 (8): 15065-15073
- **Magnetic resonance control of spin-correlated radical pair dynamics in vivo.** *Nature*
Burd, S. C., Bagheri, N., Condon, A. F., Ingaramo, M., Mondal, S., Dowlatshahi, D. P., Summers, J. A., Mukherjee, S., York, A. G., Wakatsuki, S., Boxer, S. G., Kasevich, M.
2026
- **Magnetic-resonance control of spin-correlated radical pair dynamics in a transgenic animal**
Bagheri, N., Burd, S. C., Condon, A. F., Ingaramo, M., Mondal, S., Dowlatshahi, D. P., Summers, J. A., Mukherjee, S., York, A. G., Wakatsuki, S., Boxer, S. G., Kasevich, M.
CELL PRESS.2026: 22a
- **Magnetic resonance control of reaction yields through genetically-encoded protein:flavin spin-correlated radicals in a live animal.** *bioRxiv : the preprint server for biology*
Burd, S. C., Bagheri, N., Ingaramo, M., Condon, A. F., Mondal, S., Dowlatshahi, D. P., Summers, J. A., Mukherjee, S., York, A. G., Wakatsuki, S., Boxer, S. G., Kasevich, M.
2025
- **Engineered Immunomodulatory Extracellular Vesicles from Epithelial Cells with the Capacity for Stimulation of Innate and Adaptive Immunity in Cancer and Autoimmunity** *ACS NANO*
Luo, X., Kugeratski, F. G., Dowlatshahi, D. P., Sugimoto, H., Arian, K. A., Fan, Y., Huang, L., Wills, D., Lilla, S., Hodge, K., Zanivan, S. R., Lebleu, V. S., Mcandrews, et al
2025; 19 (5): 5193-5216
- **Exploring Transient States of PAmKate to Enable Improved Cryogenic Single-Molecule Imaging.** *Journal of the American Chemical Society*
Perez, D., Dowlatshahi, D. P., Azaldegui, C. A., Ansell, T. B., Dahlberg, P. D., Moerner, W. E.
2024
- **Exploring transient states of PAmKate to enable improved cryogenic single-molecule imaging.** *bioRxiv : the preprint server for biology*
Perez, D., Dowlatshahi, D. P., Azaldegui, C. A., Dahlberg, P. D., Moerner, W. E.
2024
- **ALIX Is a Lys63-Specific Polyubiquitin Binding Protein that Functions in Retrovirus Budding** *DEVELOPMENTAL CELL*
Dowlatshahi, D. P., Sandrin, V., Vivona, S., Shaler, T. A., Kaiser, S. E., Melandri, F., Sundquist, W. I., Kopito, R. R.
2012; 23 (6): 1247-1254
- **An AMPK-FOXO pathway mediates longevity induced by a novel method of dietary restriction in C-elegans** *CURRENT BIOLOGY*
Greer, E. L., Dowlatshahi, D., Banko, M. R., Villen, J., Hoang, K., Blanchard, D., Gygi, S. P., Brunet, A.
2007; 17 (19): 1646-1656