


Stanford



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Ph.D. Student in Chemistry, admitted Autumn 2021

 Curriculum Vitae available Online

Bio

LINKS

- My Personal Website: <https://jnelucero.com>

Publications

PUBLICATIONS

- **Maximizing power and velocity of an information engine** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Saha, T. K., Lucero, J. E., Ehrich, J., Sivak, D. A., Bechhoefer, J.
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- **Maximal fluctuation exploitation in Gaussian information engines** *PHYSICAL REVIEW E*
Lucero, J., Ehrich, J., Bechhoefer, J., Sivak, D.
2021; 104 (4): 16
- **Nonequilibrium Energy Transduction in Stochastic Strongly Coupled Rotary Motors** *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*
Lathouwers, E., Lucero, J. E., Sivak, D. A.
2020; 11 (13): 5273-5278
- **Optimal control of rotary motors** *PHYSICAL REVIEW E*
Lucero, J. E., Mehdizadeh, A., Sivak, D. A.
2019; 99 (1): 012119