

Digital Discovery

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See Alexander E. Siemenn, Tonio Buonassisi *et al.*, pp. 896–909. Image reproduced by permission of Alexander E. Siemenn and Matthew Siemenn from *Digital Discovery*, 2025, 4, 896.



Inside cover
See Ying Li *et al.*, pp. 910–926. Image reproduced by permission of Zoe Zhou and Tianle Yue from *Digital Discovery*, 2025, 4, 910.

OPINION

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Digital discovery and the new experimental frontier

S. Hessam M. Mehr

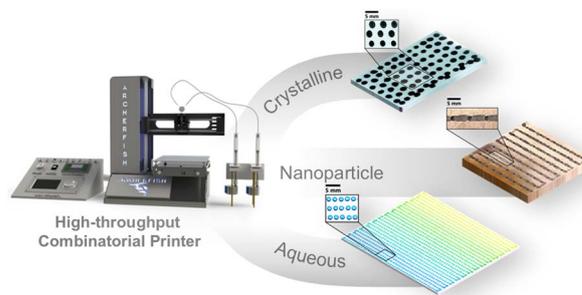


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Archerfish: a retrofitted 3D printer for high-throughput combinatorial experimentation via continuous printing

Alexander E. Siemenn,* Basita Das, Eunice Aissi, Fang Sheng, Lleyton Elliott, Blake Hudspeth, Marilyn Meyers, James Serdy and Tonio Buonassisi*



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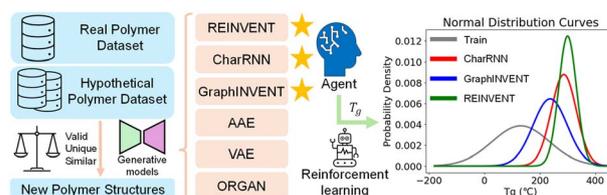
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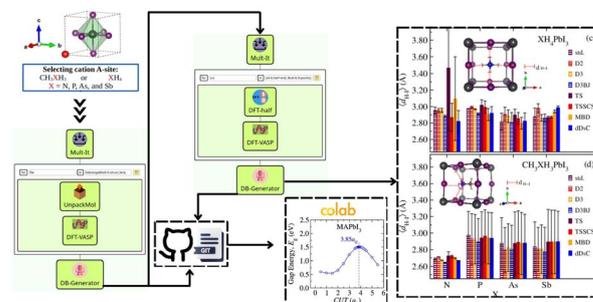
Tianle Yue, Lei Tao, Vikas Varshney and Ying Li*



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Digital workflow optimization of van der Waals methods for improved halide perovskite solar materials

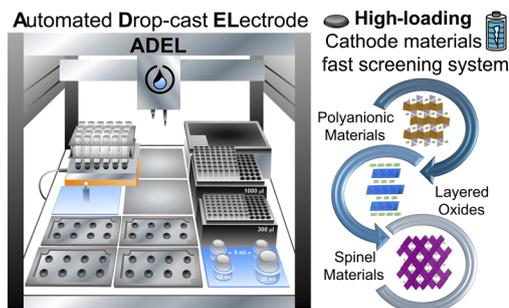
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ADEL: an automated drop-cast electrode setup for high-throughput screening of battery materials

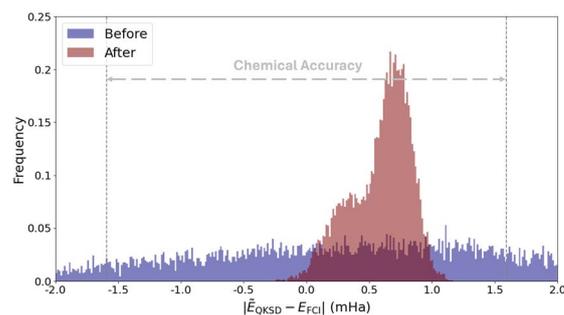
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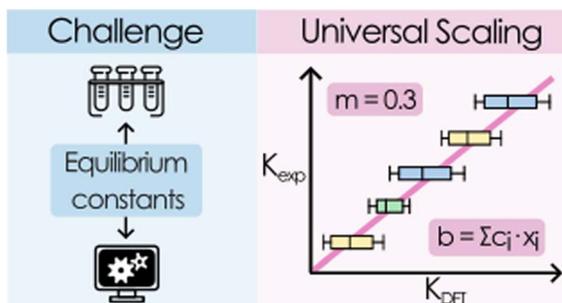
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Efficient strategies for reducing sampling error in quantum Krylov subspace diagonalization

Gwonhak Lee, Seonghoon Choi, Joonsuk Huh* and Artur F. Izmaylov*



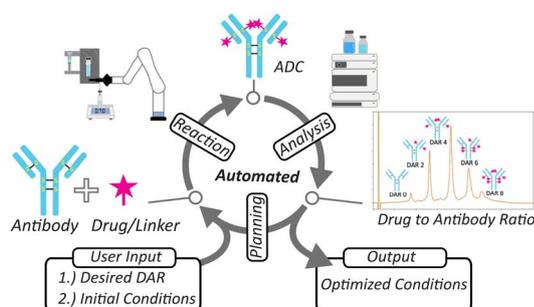
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Towards a universal scaling method for predicting equilibrium constants of polyoxometalates

Jordi Buils, Diego Garay-Ruiz, Enric Petrus,^{*}
Mireia Segado-Centellas and Carles Bo^{*}

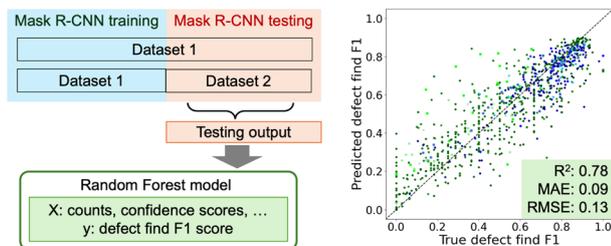
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Automating stochastic antibody–drug conjugation: a self-driving lab approach for enhanced therapeutic development

Liam Roberts, Matthew E. Reish, Jerrica Yang,
Wenyu Zhang, Joshua S. Derasp^{*} and Jason E. Hein^{*}

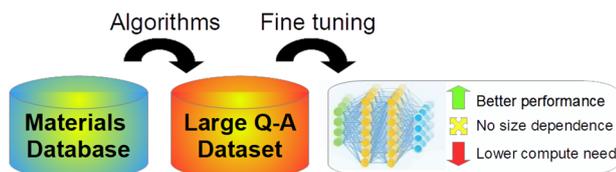
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Ni Li, Ryan Jacobs, Matthew Lynch, Vedit Agrawal,
Kevin Field and Dane Morgan^{*}

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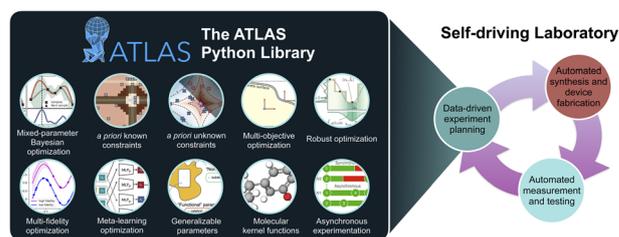
Zongqian Li and Jacqueline M. Cole^{*}



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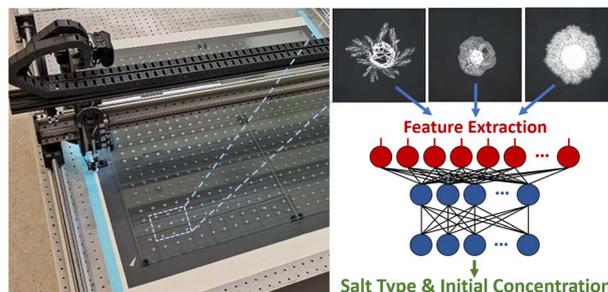
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Bruno C. Batista, Amrutha S. V., Jie Yan, Beni B. Dangi and Oliver Steinbock^{*}



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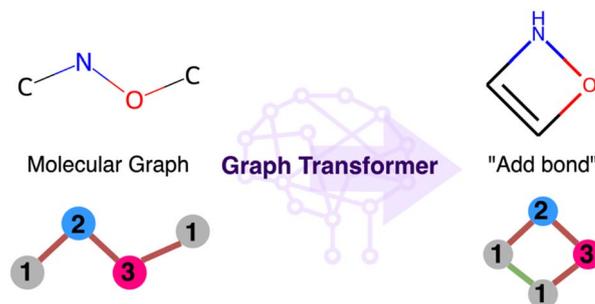
Kenneth López Pérez, Vicky Jung, Lexin Chen, Kate Huddleston and Ramón Alain Miranda-Quintana^{*}



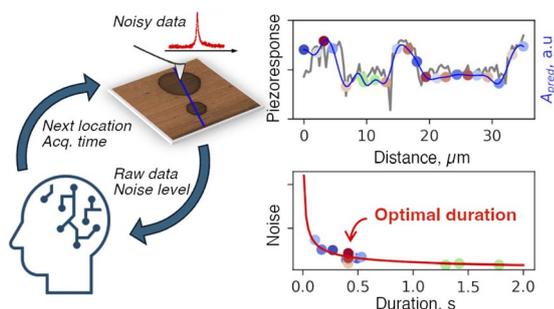
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GraphXForm: graph transformer for computer-aided molecular design

Jonathan Pirnay, Jan G. Rittig, Alexander B. Wolf, Martin Grohe, Jakob Burger, Alexander Mitsos and Dominik G. Grimm^{*}



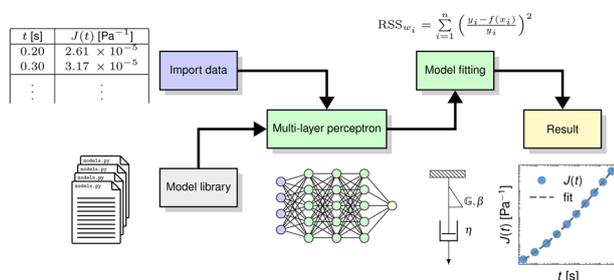
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Boris N. Slautin,^{*} Yu Liu, Jan Dec, Vladimir V. Shvartsman, Doru C. Lupascu, Maxim A. Ziatdinov and Sergei V. Kalinin^{*}

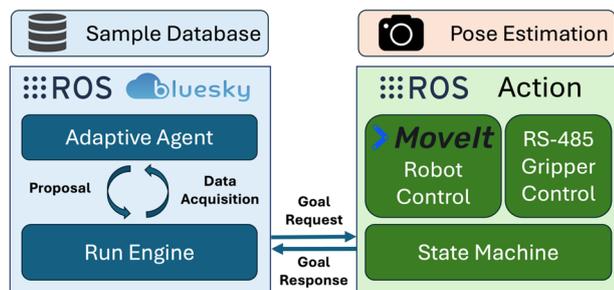
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pyRheo: an open-source Python package for complex rheology

Isaac Y. Miranda-Valdez,^{*} Aaro Niinistö, Tero Mäkinen, Juha Lejon, Juha Koivisto and Mikko J. Alava

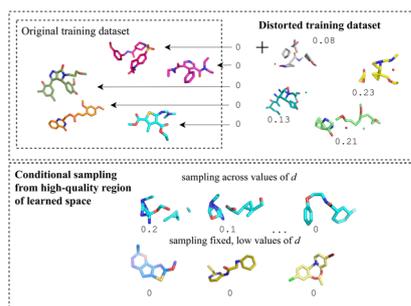
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Lucy Vost, Vijil Chenthamarakshan, Payel Das and Charlotte M. Deane^{*}



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Jeffrey A. Laub and Konstantinos D. Vogiatzis*

