

Editorial: Introducing *PRX Energy* - a new open access journal for a multidisciplinary community

We are delighted to introduce the first issue of *PRX Energy*, a fully open access and highly selective journal for the multidisciplinary energy science and technology research communities. *PRX Energy*, the newest journal within the Physical Review portfolio from the American Physical Society, is inspired by the excellence of Physical Review X (PRX).

By design, the journal is a home for high-impact energy research that aims to bridge the physics and multifaceted energy communities. *PRX Energy* unites researchers from a range of disciplines that span chemistry, biology, materials, environmental studies, engineering and beyond in achieving common goals, as it serves as a forum to promote communication and collaborations that drive the future of science.

Facing the current climate emergency as a collaborative community will be most impactful for the health and wellbeing of future generations. The broader impacts of energy research call for open access to high-quality research so scientists can work together globally to move even more effectively toward the discoveries that enable us to more efficiently harness, transform, and store energy and develop innovative technologies. Our fully open access format supports open science by providing immediate and unrestricted access to original research studies as well as Perspective, Tutorial, and Review articles, while complying with open access mandates and maximizing accessibility under a CC-BY license.

PRX Energy continues the tradition of the *Physical Review* portfolio as a journal that is shaped by scientists, for scientists. Our valued referees and Editorial Board members enable us to maintain high standards in prioritizing the needs of researchers and authors. Our Editorial Board represents a distinguished, global team of experts, spanning multiple career levels and disciplines. Representing universities and national laboratories from seven countries, across four continents, they will help us to guide and build the journal. Shaped by the same researchers that we serve, we extend the trusted *Physical Review* experience to the multidisciplinary energy community.

PRX Energy aims to publish energy science and technology research that is outstanding and has lasting impact, in the spirit of expanding the excellence of PRX. Guided by the needs of our community, our editors prioritize high standards for peer review. We are dedicated to providing support, consistency, and transparency to our authors and reviewers throughout the entire peer review process, while aiming to balance rigor and speed in our processes as well as balance diversity in our pool of expert reviewers.

To best serve our community, *PRX Energy* publishes Perspective, Review, and Tutorial articles in addition to original research studies. Tutorials are hands-on guides that provide newcomers to a field, including Ph.D. students and postdoctoral researchers, with essential knowledge that is urgently needed to solve renewable and sustainable energy challenges. Further, Tutorials aim to foster partnerships by bridging knowledge gaps for interdisciplinary collaborators as well as aligning academic and industrial researchers. Our Perspective and Tutorial articles are written for broader audiences, still aiming to bridge research communities and inspire innovation. Perspectives are focused and forward-looking, with an emphasis on future outlook, while Review articles are balanced and convey the most impactful recent developments within a specific subfield or technology.

All of us at *PRX Energy* are excited for it to take shape as a leading journal for a diverse and multifaceted community, and we invite you to help us build this new highly selective journal. We look forward to seeing your next exciting results published in *PRX Energy*.

David Scanlon
Lead Editor

Jacilynn Otero
Managing Editor

 Published 7 April 2022

DOI: [10.1103/PRXEnergy.1.010001](https://doi.org/10.1103/PRXEnergy.1.010001)