

Towards a New Scientific Utopia: A Blockchain-Based Framework to Support Open Science in Psychology

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In the last decade, the Open Science movement has proposed solutions to the proliferation of Questionable Research Practices, which undermined the credibility of psychological science. Among them, one the most successful has been the Open Science Framework (OSF), which encompasses a set of tools for making the entire research process more open, and which has had a central role in defining innovative policies to promote reproducibility. We propose a blockchain-based framework designed to complement the existing Open Science Framework (OSF). By leveraging blockchain technology, cryptocurrencies, and Web3 tools - such as smart contracts, Non-Fungible Tokens and Decentralized Autonomous Organizations - this framework could enhance key aspects of the research lifecycle, including pre-registration, data collection, peer review and publication. This model also comes with a new incentive and meritocratic system which, by following the model of cryptocurrencies, has the potential to motivate individual actors to advance the goals of Open Science.

If you're submitting a symposium talk, what's the symposium title?

If you're submitting a symposium, or a talk that is part of a symposium, is this a junior symposium?

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