Media Release

Karger Starts Trial with Methods Review Tool SciScore

Karger Publishers supports scientists in evaluating their manuscripts for reproducibility.

Karger has started a trial with the artificial intelligence (AI) based methods review tool SciScore, which assesses reproducibility of research. Initially, SciScore analyzes four of Karger's journals, including 28,690 articles. This provides insight into the reproducibility and transparency of the research, both on a general level and in-depth on various rigor criteria and research resources. Compliance with rigor criteria is evaluated. The research resources used in the experiment are reviewed to see if they can be uniquely identified using a persistent identifier (Research Resource Identifiers = RRID). The analysis results in a score for each scientific paper (0-10). And these scores are averaged for each journal every year.

The Karger pilot journals are:
Psychotherapy and Psychosomatics
Liver Cancer
Dermatology
Cytogenetics and Genome Research

In the future, Karger plans to use these key performance indicators in the peer review process to improve the reproducibility of the research published by Karger.

"By integrating SciScore, Karger is supporting scientists in evaluating their manuscripts for reproducibility, a key criterion of scientific quality. We continually strive to improve our products and services for our customers, as the Health Sciences community is in the center of everything we do. Partnerships with startups are crucial to this objective," says Daniel Ebneter, CEO at Karger Publishers.

"We are pleased to partner with Karger to enhance reproducibility of published papers. We are also very excited to interact with authors ahead of publication to improve reporting standards at such a trusted publisher in Health Sciences," said Anita Bandrowski, Founder and CEO of SciCrunch, the company that offers SciScore.

About Karger Publishers

Karger Publishers is a worldwide publisher of scientific and medical content based in Basel, Switzerland. It is independent and family-led in the fourth generation by Chairwoman and Publisher Gabriella Karger. Connecting and advancing health sciences since 1890, Karger has been continuously evolving, keeping pace with the current developments and shifts in research and publishing. The publishing house is dedicated to serving the information needs of the scientific community, clinicians, and patients with publications of high-quality content and services in health sciences. Karger Publishers has 240 employees and is present in 15 countries around the globe.

For more Information about Karger Publishers please visit **karger.com**

About SciScore

SciScore is a scientific content checker / validation tool that verifies common rigor criteria (NIH, MDAR, ARRIVE) and research resources (antibodies, cell lines, organisms). SciScore uses text mining techniques to perform this critical validation in minutes, providing a report to the editors, reviewers, or authors about criteria that have and have not been addressed. Furthermore, it provides a numerical score, which allows editors to assess the percentage of criteria met or not met at a glance.

For more information, visit **scicrunch.com/sciscore.**

Media Contact:
Cora Wirtz-Spycher · Corporate Communications Lead · Karger Publishers
+41 61 306 1271 · c.wirtz@karger.com · **karger.com/Media-Relations**

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