SPRINGER NATURE

Springer Nature and Allen Institute for Artificial Intelligence (AI2) expand collaboration to cover chemistry, earth sciences, public health and more

Semantic Scholar, AI2's free AI-based academic search engine used by over 4 million researchers each month, partners with Springer Nature to power advanced discovery of academic research content

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Image: © Allen Institute for Artificial Intelligence

Researchers can now discover and explore research from a broad range of Springer Nature publications from chemistry to public health through the free, AI-based search engine Semantic Scholar. The expanded collaboration between Semantic Scholar's creators, AI2, and Springer Nature builds on a pilot project started in 2016 that originally included publications in computer science and biomedicine. By incorporating articles and book chapters in a wider range of research areas, scientists and scholars can now more easily find and assess relevant Springer Nature content to pursue and advance scientific discovery.

Semantic Scholar draws on the metadata of over 170 million scientific research papers to help researchers discover publications most relevant for them. Through the expanded partnership, Springer Nature now delivers the metadata of over 3.4 million content items to AI2. By using artificial intelligence, Semantic Scholar creates a comprehensive literature graph that allows scientists and scholars to navigate links between articles, authors and topics, stay up-to-date with the latest developments in their field, identify new areas for investigation, aid hypothesis generation and investigate new research methodologies.

Users have full access to open access publications, and excerpts of text from subscription content. A link to Springer Nature's content platforms is provided for the full-text version. The publications now included in Semantic Scholar cover chemistry and materials science, earth and environmental sciences, geography and public health.

Sebastian Kohlmeier, Senior Technical Program Manager for Semantic Scholar at AI2, said: "Semantic Scholar is used by four million researchers every month to discover relevant research. The expanded content indexing partnership between Springer Nature and AI2 covering millions of

articles further enhances the search and discovery experience in Semantic Scholar for Springer Nature content by placing it in the context of all published scientific research."

Henning Schoenenberger, Director Product Data & Metadata Management at Springer Nature, said: "The sheer volume of scientific content can be overwhelming for all researchers, no matter their field. As a publisher we must therefore support researchers in every way we can so that they can easily find and assess articles in the context of supporting material. Our expanded content indexing partnership with AI2 allows researchers to cut through the clutter and discover research relevant for them, which supports the advancement and acceleration of science and knowledge."

Springer Nature is a leading research, educational and professional publisher, providing quality content to our communities through a range of innovative platforms, products and services. Every day, around the globe, our imprints, books, journals and resources reach millions of people – helping researchers, students, teachers and professionals to discover, learn and achieve more. Through our family of brands, we aim to serve and support the research, education and professional communities by putting them at the heart of all we do, delivering the highest possible standards in content and technology, and helping shape the future of publishing for their benefit and for society overall. Visit: springernature.com/group and follow @SpringerNature.

AI2 was founded in 2014 with the singular focus of conducting high-impact research and engineering in the field of artificial intelligence, all for the common good. AI2 is the creation of Paul Allen, Microsoft co-founder, and is led by Dr. Oren Etzioni, a leading researcher in the field of AI. AI2 employs more than 100 top-notch researchers and engineers from across the globe. AI2 prides itself on the diversity and collaboration of our team and takes a results-oriented approach to complex challenges in AI.

Further Information
About Semantic Scholar

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