scinapse

User Guide Manual

We're better than Google Scholar. We mean it.

Discover new insights for better research and business.
We focus on in-depth research data and analytics from research papers.

pluto

TABLE OF CONTENTS

01

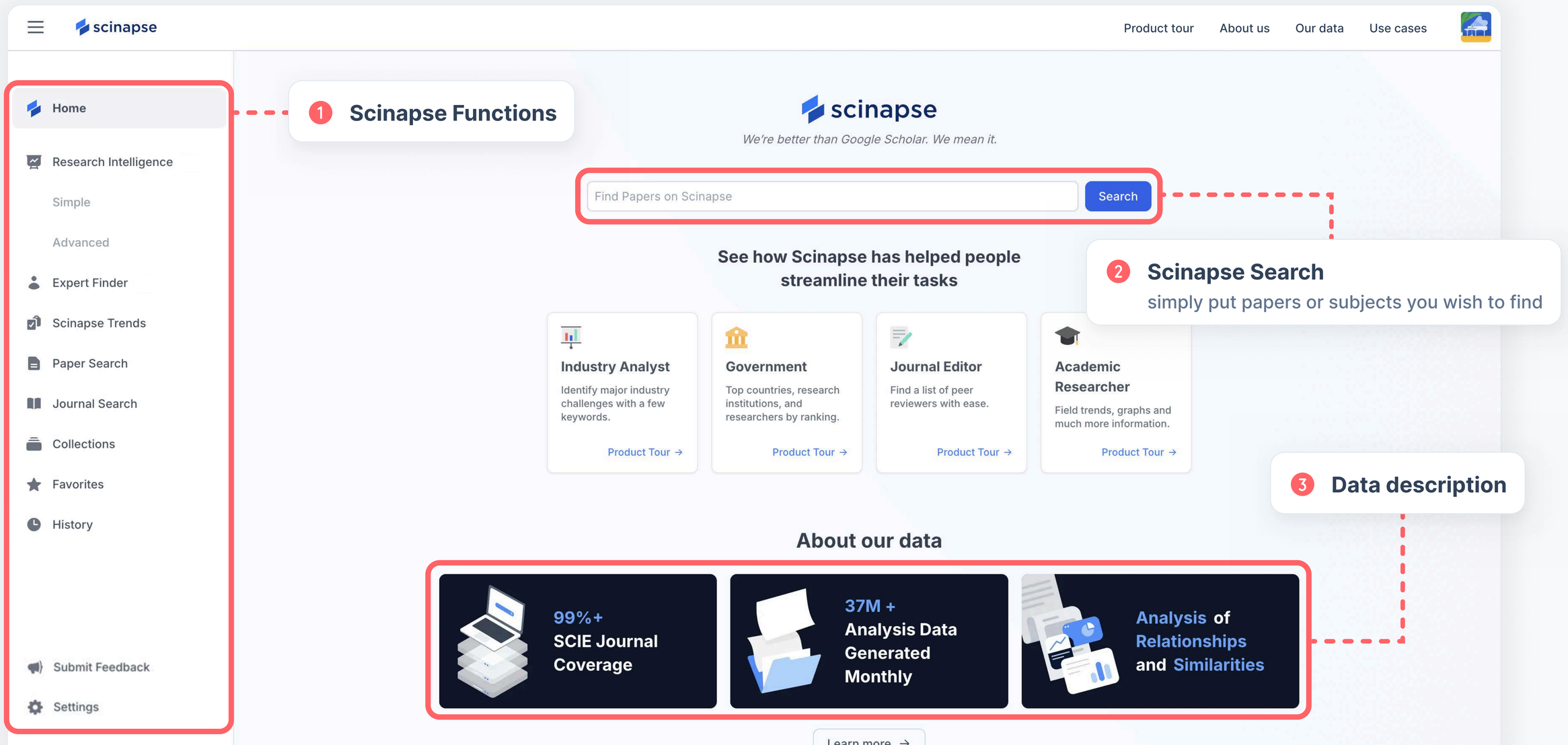
Main Page & ArticleView

Scinapse is where discovery meets intelligence.

More than a search tool, it uncovers connections, trends, and insights hidden in millions of papers.

Main Page

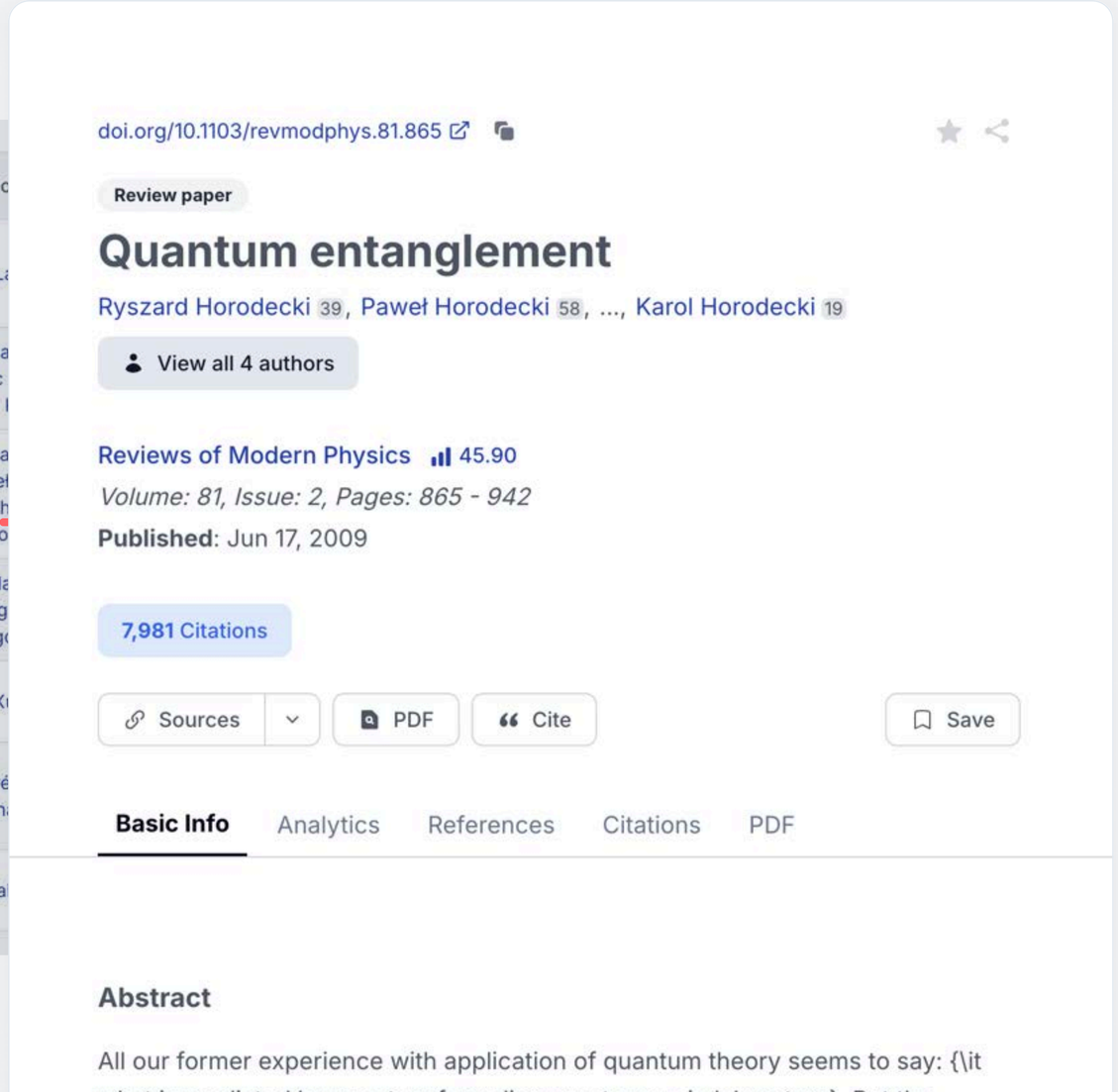
A clean, simple, and intuitive main page that anyone can pick up and use at a glance.



Article View

Search and discover articles of interest, and explore insights beyond the papers themselves.

Title	Journal	Published Date	Autho
Quantum computation and quantum information	ACM SIGSOFT Software Engineering Notes	Jul 1, 2001	Jim La
Quantum Computation and Quantum Information	American Journal of Physics	May 1, 2002	Micha Isaac , Lov
Quantum entanglement	Reviews of Modern Physics	Jun 17, 2009	Rysza Pawe , Mich , Karo
Quantum cryptography	Reviews of Modern Physics	Mar 8, 2002	Nicola Wolfg , Hug
Theory of open quantum systems	The Journal of Chemical Physics	May 9, 2002	Rui-X
Computable measure of entanglement	Physical Review A	Feb 22, 2002	Guifré Reinh
Colloquium: Topological insulators	Reviews of Modern Physics	Nov 8, 2010	M. Za



Article View (cont.)

H-index

doi.org/10.1103/revmodphys.81.865

Review paper

Quantum entanglement

Ryszard Horodecki 39, Paweł Horodecki 58, ..., Karol Horodec 19

View all 4 authors

1 Ryszard Horodecki (UG: University of Gdańsk) 39
2 Paweł Horodecki (UG: University of Gdańsk) 58
Michał Horodecki (UG: University of Gdańsk) 59
Last. Karol Horodecki (UG: University of Gdańsk) 19

Reviews of Modern Physics 45.90

Journal & Impact Factor

Volume: 81, Issue: 2, Pages: 865 - 942

Published: Jun 17, 2009

7,981 Citations

Sources | PDF | Cite | Save

- **Source Direct Link**
- **PDF download**
- **Citation**

Basic Info | Analytics | References | Citations | PDF

Basic info

Article Basic info provides you with Abstract, Paper fields, Figures & Tables and Paper Details (Title,Doi,Published Date, etc..)

Abstract

All our former experience w
what is predicted by quantum formalism must occur in laboratory}. But the
essence of quantum formalism - entanglement, recognized by Einstein, Podolsky,

Basic Info | Analytics | References | Citations | PDF

Abstract

All our former experience with application of quantum theory seems to say: {\it what is predicted by quantum formalism must occur in laboratory}. But the essence of quantum formalism - entanglement, recognized by Einstein, Podolsky, Rosen and Schr\"odinger - waited over 70 years to enter to laboratories as a new resource as real as energy. This holistic property of compound quantum systems, which involves nonclassical correlations between...

Read more

Paper Fields

Quantum teleportation | Physics | Quantum discord | Quantum capacity | Multipartite entanglement | Quantum cryptography | Quantum | Quantum entanglement | Squashed entanglement | Quantum network | Theoretical physics | Quantum information science | Quantum mechanics | Quantum information | Entanglement witness

Figures & Tables

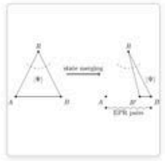


FIG. 1 The concept of state merging: before and after.

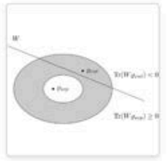


FIG. 2 The line represents hyperplane corresponding to the entanglement

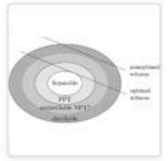
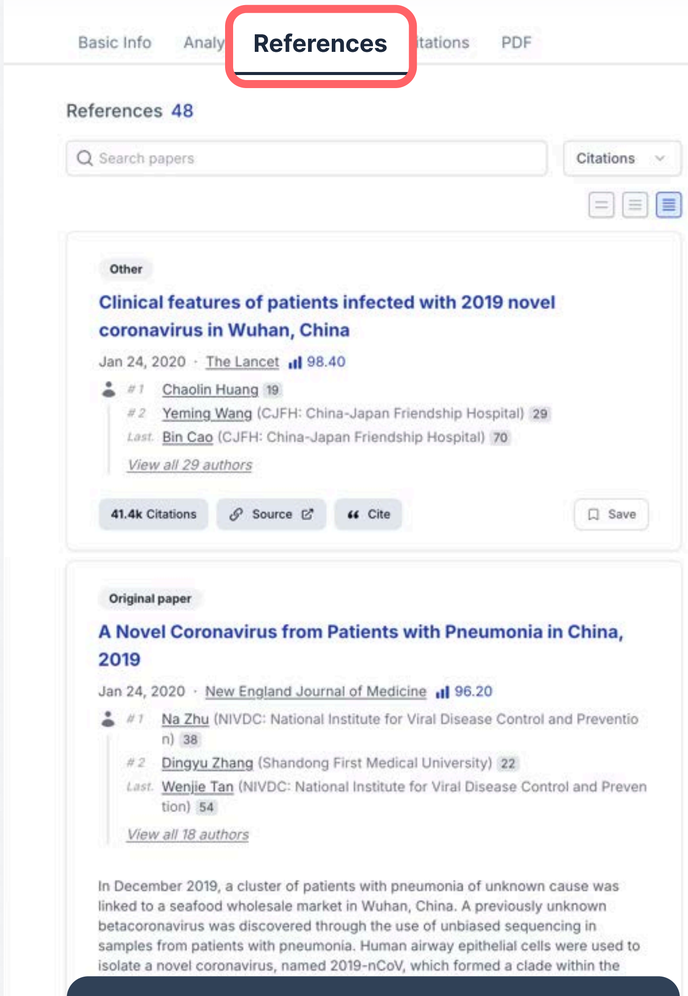


FIG. 3 Schematic representation of the set of all states with example of entangl...

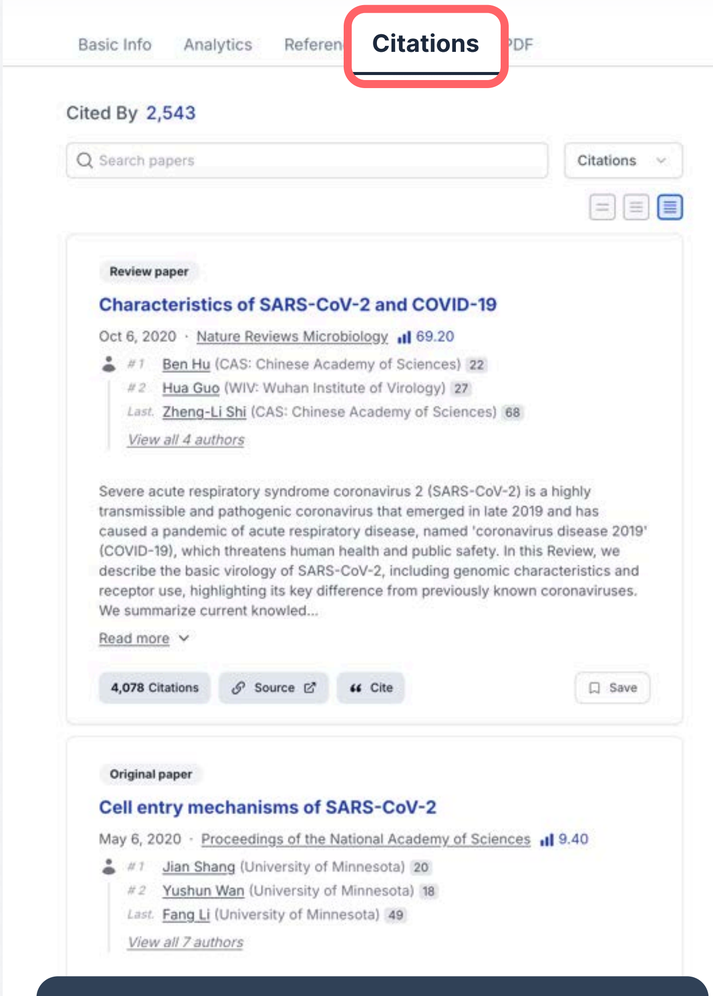
TABLE I Here we present relations between basic notions of key agreement and ent...

Article View (cont.)

Analytics provides Trends, Citation Analysis of the paper



References show the works that the paper itself has cited.

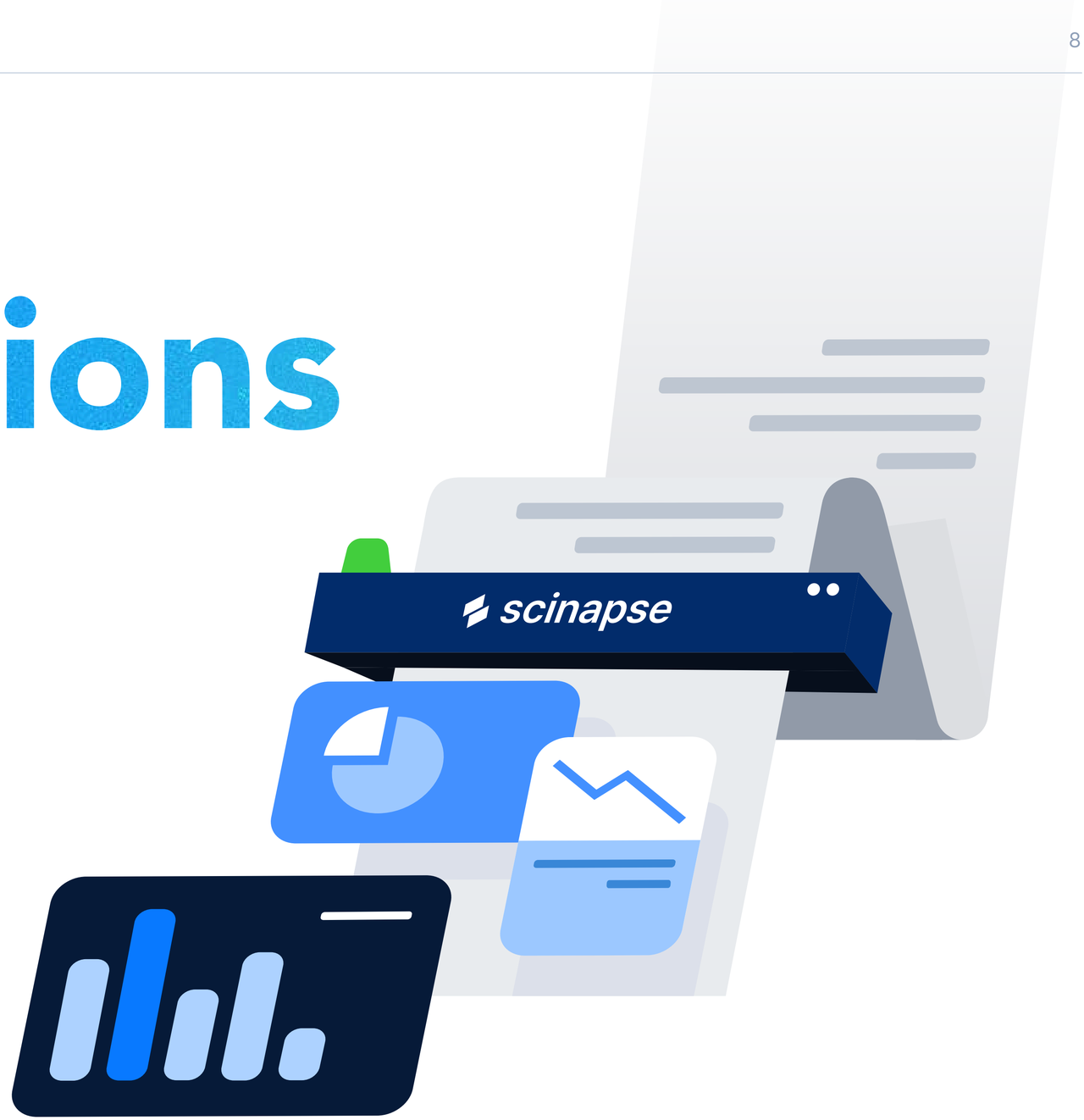


Citations show the cases where other papers have cited this paper.

02

Key Functions

- **Research Intelligence**
- Expert Finder
- Scinapse Trends

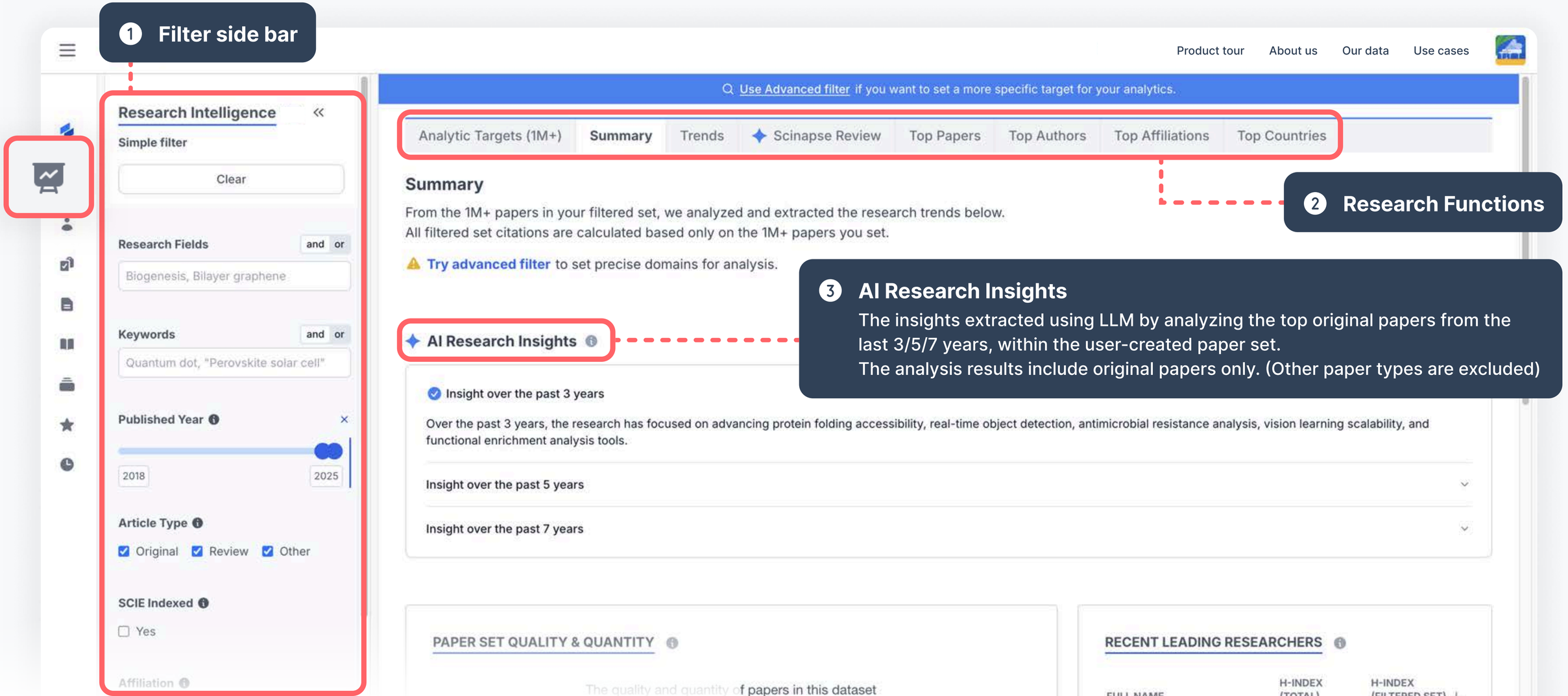


KeyFunctions

✨ Beyond simple journal and paper searches – explore Scinapse's unique features!

Research Intelligence | Dashboard

Gain deep insights into research trends
and impact Provides Summary, Trends, Review, Papers, Authors, Affiliations, Countries



Research Intelligence | Dashboard (scroll-down)

4 Paper set quality & quantity

The graph visualizes both relative popularity and qualitative trends of the selected paper set.

- Quality: The average number of citations received during the first year span after publication per paper.
- Quantity: The publications of the paper set.

5 Recent Leading Researchers

The top 5 influential authors, based on the original paper, in the last 5 years. Based on the paper set created by the user.

Research Intelligence | Dashboard (scroll-down)

TOP ORIGINAL PAPERS

TITLE		
Global Cancer Statistics 2020: GLOBOCAN Esti		
MEGA X: Molecular Evolutionary Genetics Analysis across...	Molecular Biology and Evolution	22.1k
Clinical Characteristics of Coronavirus Disease 2019 in Ch...	New England Journal of Medicine	17.7k
Highly accurate protein structure prediction with AlphaFold	Nature	17.1k
Squeeze-and-Excitation Networks		14.7k

View more papers →

6 Top original papers
The top 5 papers with high internal citations based on the original paper, within the user-created paper set.

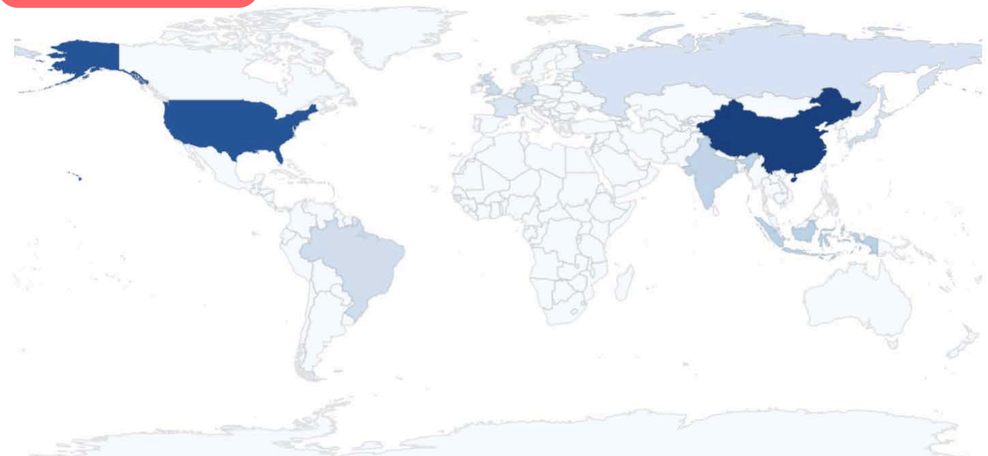
TOP AFFILIATIONS

NAME	
Chinese Academy of Sciences	
Zhejiang University	
Shanghai Jiao Tong University	
Tsinghua University	88.9k
Sichuan University	83.8k

View more affiliations →

7 Top Affiliations
The top 5 affiliations with the highest number of papers in the paper set created by the user. (However, the affiliation is based on the author's affiliation at the time of writing the paper)

TOP COUNTRIES

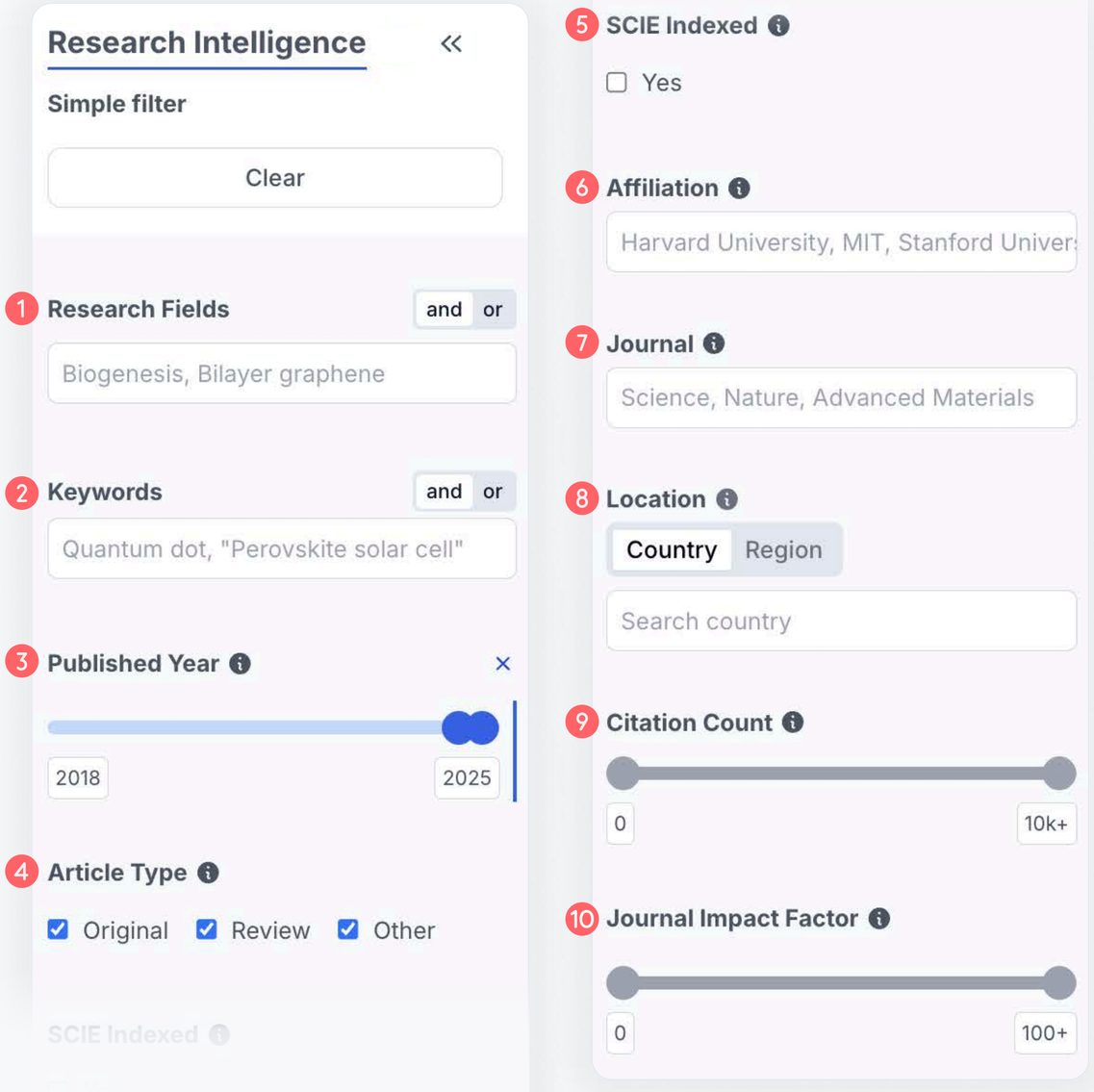


COUNTRY	
China	
United States of America	
Indonesia	
India	
Brazil	
United Kingdom of Great Britain and Northern Ireland	1.2M
Germany	1M
Japan	987k
Russian Federation	979k
France	825k

8 Top Countries
The top 5 countries with the highest number of papers, in the paper set created by the user. (However, it is based on the affiliation to which the first and last authors belong at the time of writing each paper)

Research Intelligence | Filter

Find and explore papers with precision – only with Scinapse's filters!



1 Research Fields
Provides and/or function to specify the fields

2 Keywords
Provides and/or function to specify the fields

3 Published Year
From 1900 ~ Current

4 Article Type
Original, Review, Other

5 SCIE Indexed
Filter papers that are part of SCIE (Science Citation Index Expanded)

6 Affiliation
Filtering based on the last known publications' listed affiliation by the lead author/s of the paper.

7 Journal
Filter papers that are part of SCIE (Science Citation Index Expanded)

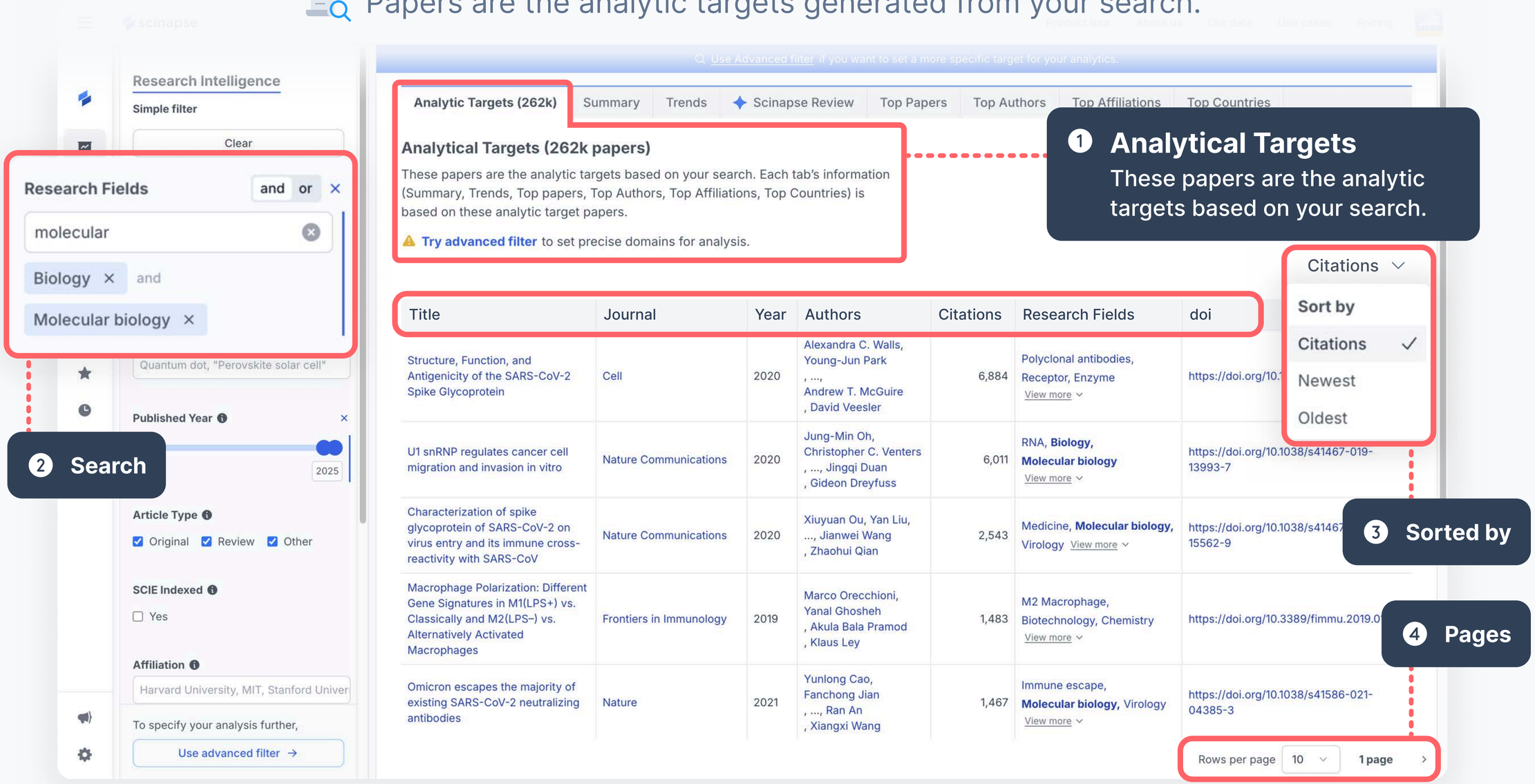
8 Location
Country /Region

9 Citation Count
Filtering based on the citations of the paper.

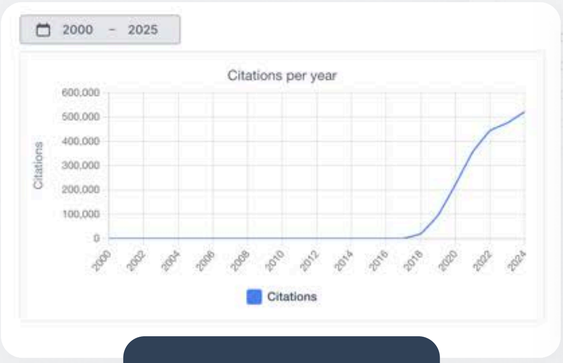
10 Journal Impact Factor
Filtering of listed papers within a journal, based on the journal's impact factor.

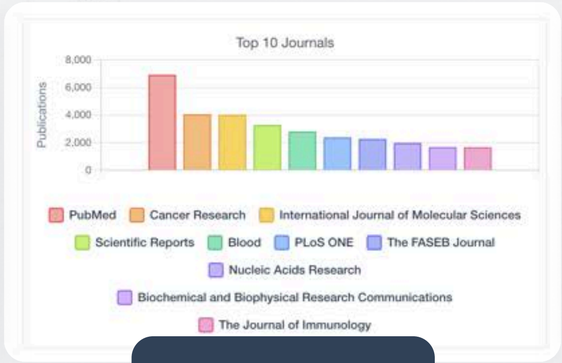
Research Intelligence | Research Analytic Targets

Papers are the analytic targets generated from your search.

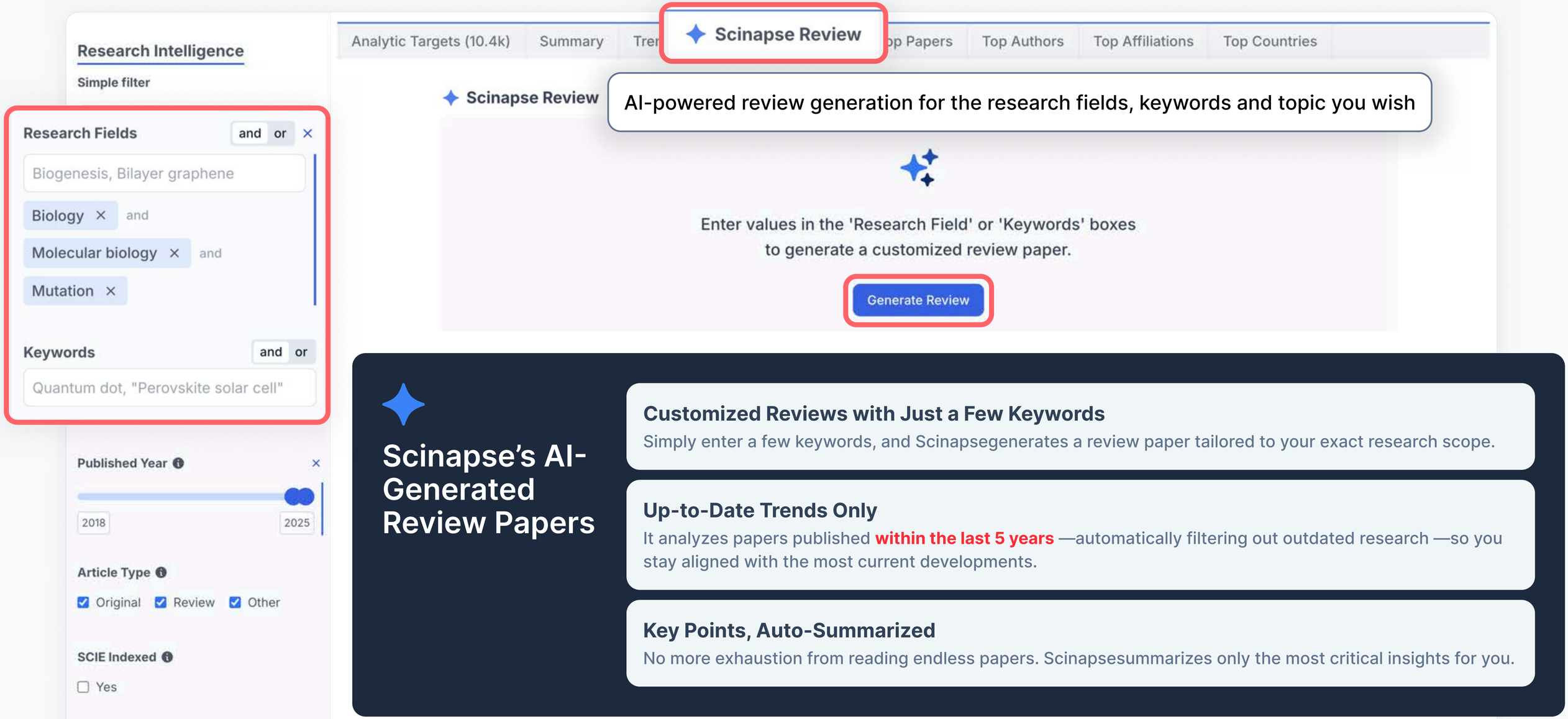


Research Intelligence | Research Trends





Research Intelligence | Scinapse Review



Scinapse's AI-Generated Review Papers

Customized Reviews with Just a Few Keywords

Simply enter a few keywords, and Scinapsegenerates a review paper tailored to your exact research scope.

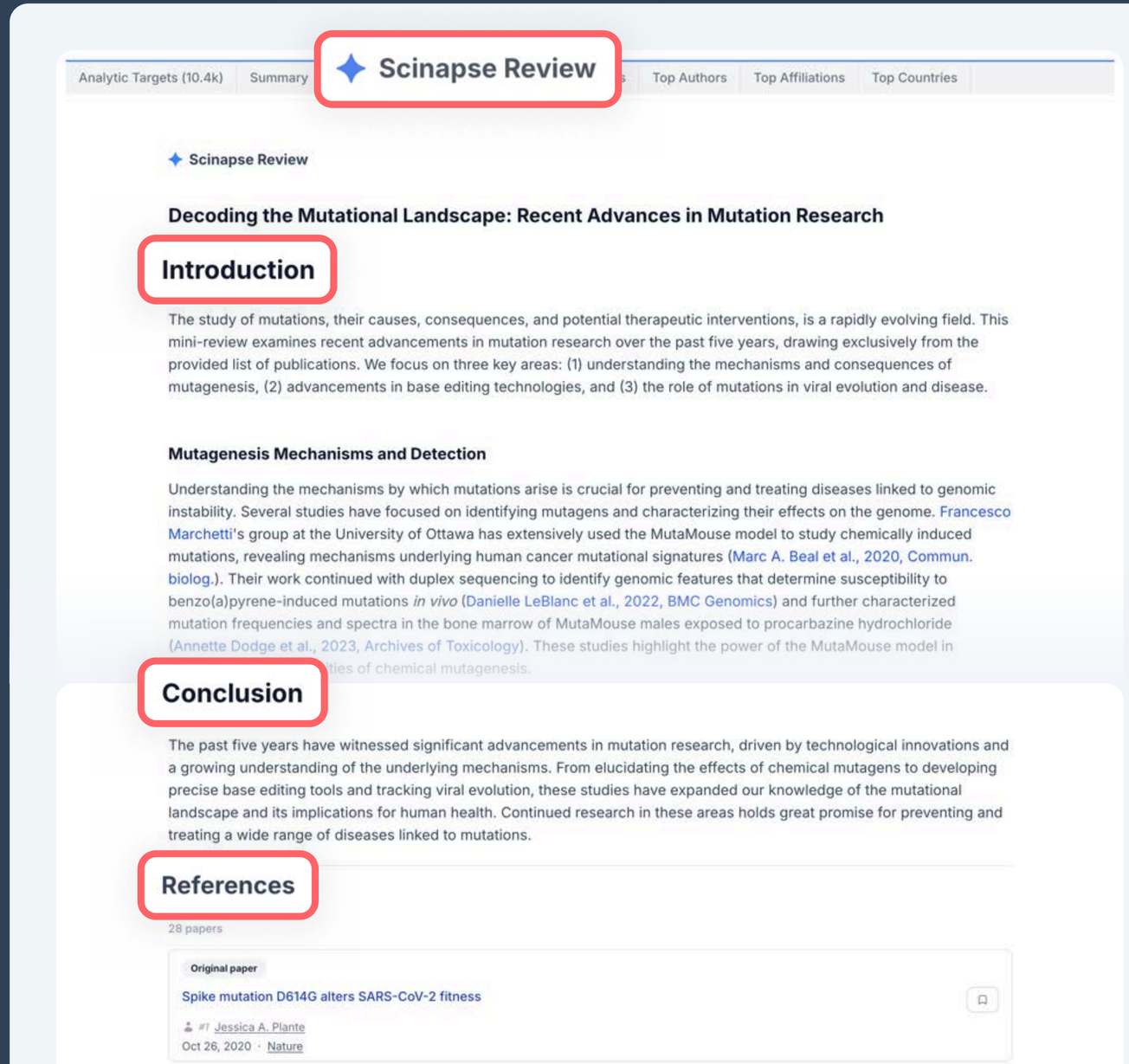
Up-to-Date Trends Only

It analyzes papers published **within the last 5 years** —automatically filtering out outdated research —so you stay aligned with the most current developments.

Key Points, Auto-Summarized

No more exhaustion from reading endless papers. Scinapsesummarizes only the most critical insights for you.

*AI-generated



Boom! Your review has been generated!

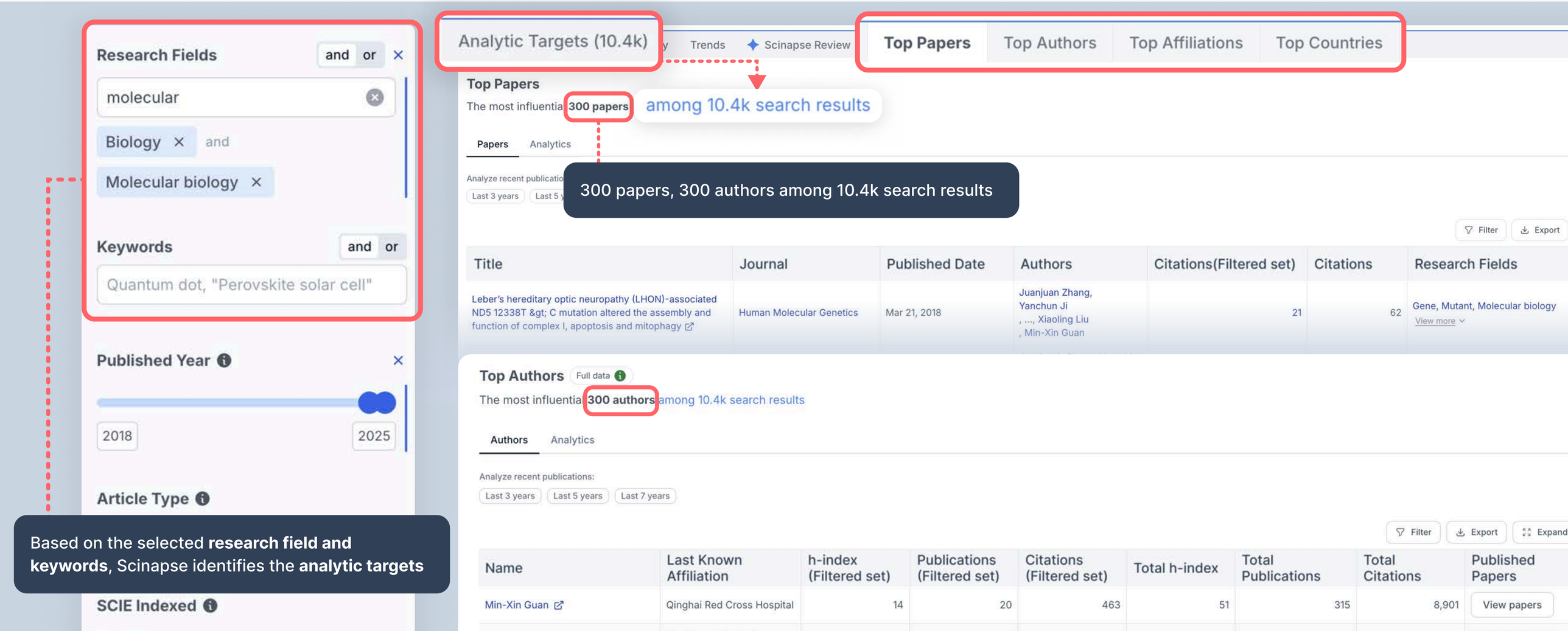
With Scinapse's personalized AI-generated review papers, you can now save valuable time in your early-stage research.

Click on the blue-highlighted authors or paper titles in the text to view detailed pages with full bibliographic information.

At the bottom, you'll also find the conclusion along with a list of referenced papers.

Research Intelligence | Top Papers, Authors, (Affiliations, Countries)

Provides analysis of top papers, authors, affiliations,
and countries within the selected research fields and keywords



Research Intelligence | Top Papers, Authors, (Affiliations, Countries)

Top Papers

Title	Journal	Published Date	Authors	Citations (Filtered set)	Citations	Research Fields
Leber's hereditary optic neuropathy (LHON)-associated ND5 12338T >C mutation altered the assembly and function of complex I, apoptosis and mitophagy	Human Molecular Genetics	Mar 21, 2018	Juanjuan Zhang, Yanchun Ji , ..., Xiaoling Liu , Min-Xin Guan	21	62	Gene, Mutant, Molecular biology View more
Spike mutation D614G alters SARS-CoV-2 fitness	Nature			15	1,198	
				13		edicine

Citations (Filtered set)
Filtered Citations indicates the relative impact of the paper within the target research domain or within its own group of papers (Scinapse Special Feature)

Citations
Normal citations which reflects across all fields and disciplines

Top Authors

Name	Last Known Affiliation	h-index (Filtered set)	Publications (Filtered set)	Citations (Filtered set)	Total h-index	Total Publications	Total Citations	Published Papers
Min-Xin Guan	Qinghai Red Cross Hospital	14	20	463	51	315	8,901	View papers
Hiroyuki Kamiya	Asahikawa Medical University						09	View papers
Yinsheng Wang	China Aca Sciences						2k	View papers

Filtered Set
Filtered Set indicates h-index, publications, and citations that are filtered based on the selected research filed

Total h-index, publications and citations
reflects numbers that are counted across all fields and disciplines

By distinguishing between total citations and domain-specific citations, **we provide researchers with a smarter, more precise, and more reliable way to identify papers that have real value and impact within their field of study.**

02

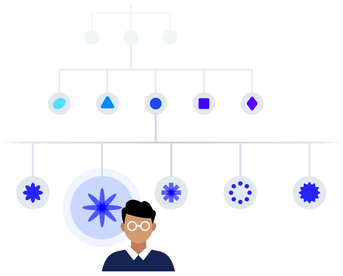
Key Functions

- Research Intelligence
- **Expert Finder**
- Scinapse Trends

Expert Finder

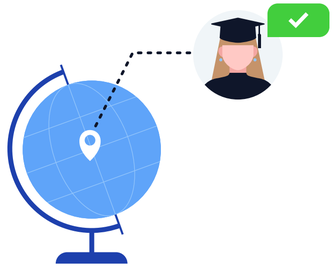
Researchers are measured by an individual's expertise in a particular field
by **calculating a domain h-index** based on the number and impact of their relevant publications
as the corresponding author. A higher score reflects a significant contribution to that field.

Find Experts in Academia with Simple Keywords



Find the Most Suitable Researcher in a Specific Field

Our algorithms classify researchers within all their very detailed academic fields, allowing you to find the most suitable person for your research project.
Find experts by searching fields or simple keywords



Find Rising Stars

Easily find promising emerging experts, within your country, who are likely to collaborate.

Track the Latest Academic Trends

Locate the Most Prominent Researchers in Your Field of Interest

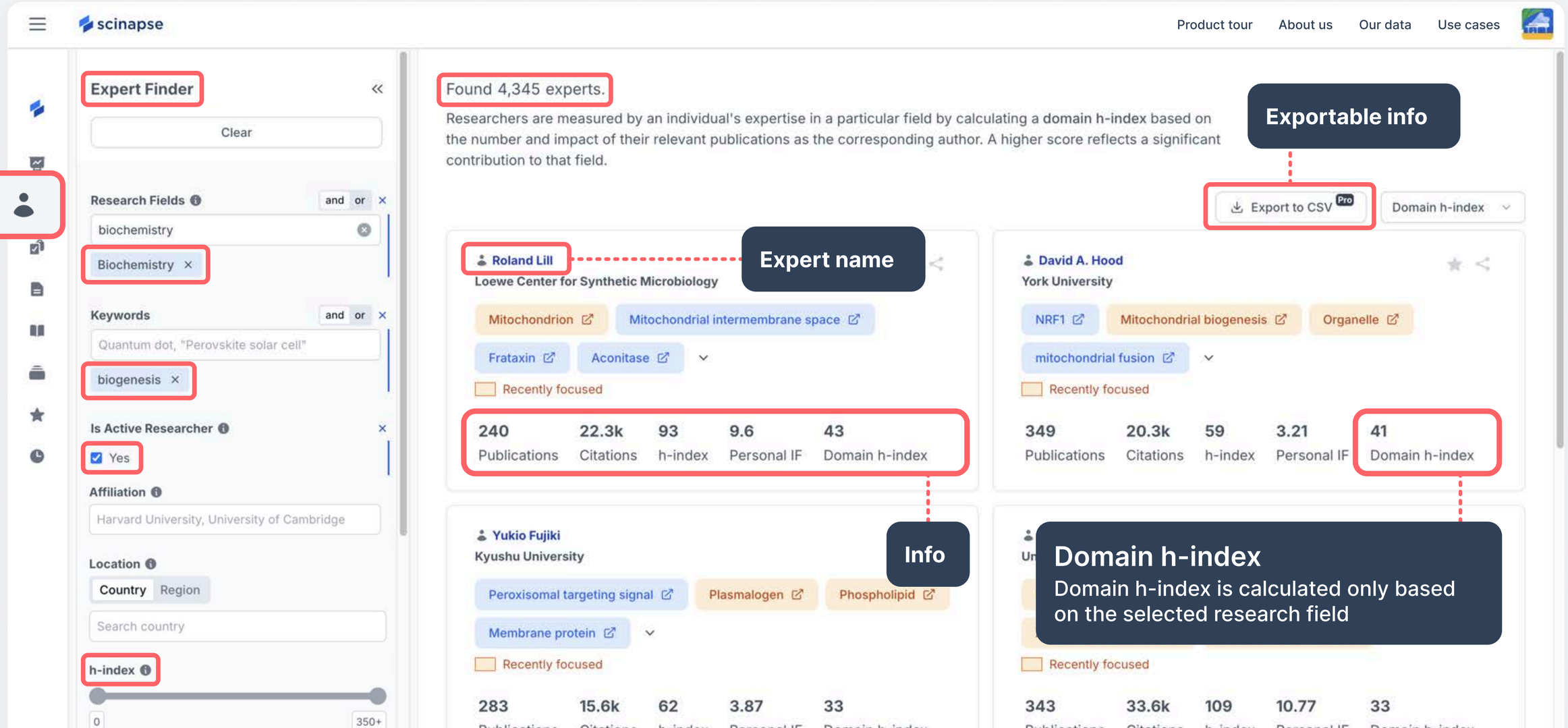
Don't get lost in a sea of information trying to find researchers in a specific field.
Identify prominent researchers in particular subfields in minutes.

Reliable Validation of a Researcher Expertise

Traditional measures like the h-index & citation counts fall short & have limitations.
We utilize credible metrics that evaluate expertise based on field relevance, independent of career duration.

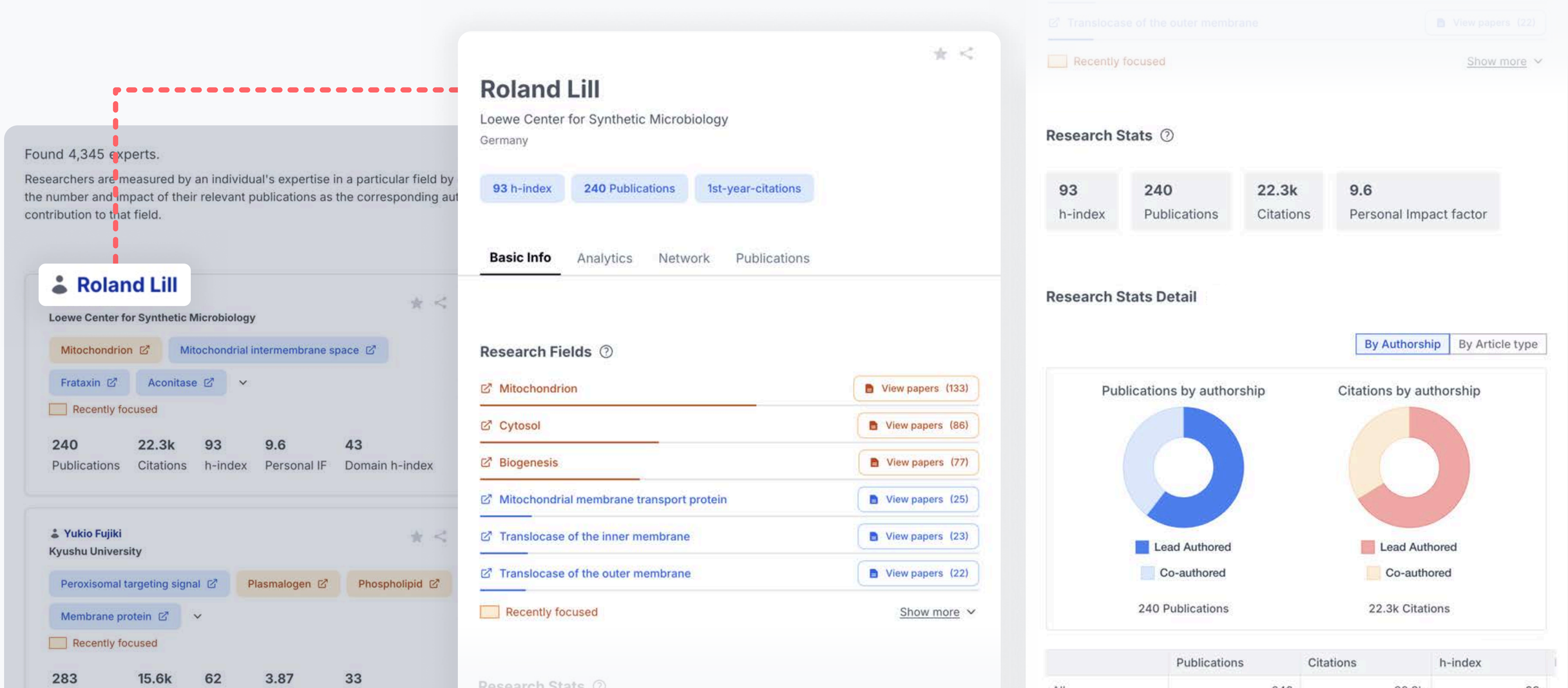
🧑‍🔬 Expert Finder

Identify the researchers behind each paper so you can easily find,
analyze and connect with leading experts in your field with our Author Explorer.



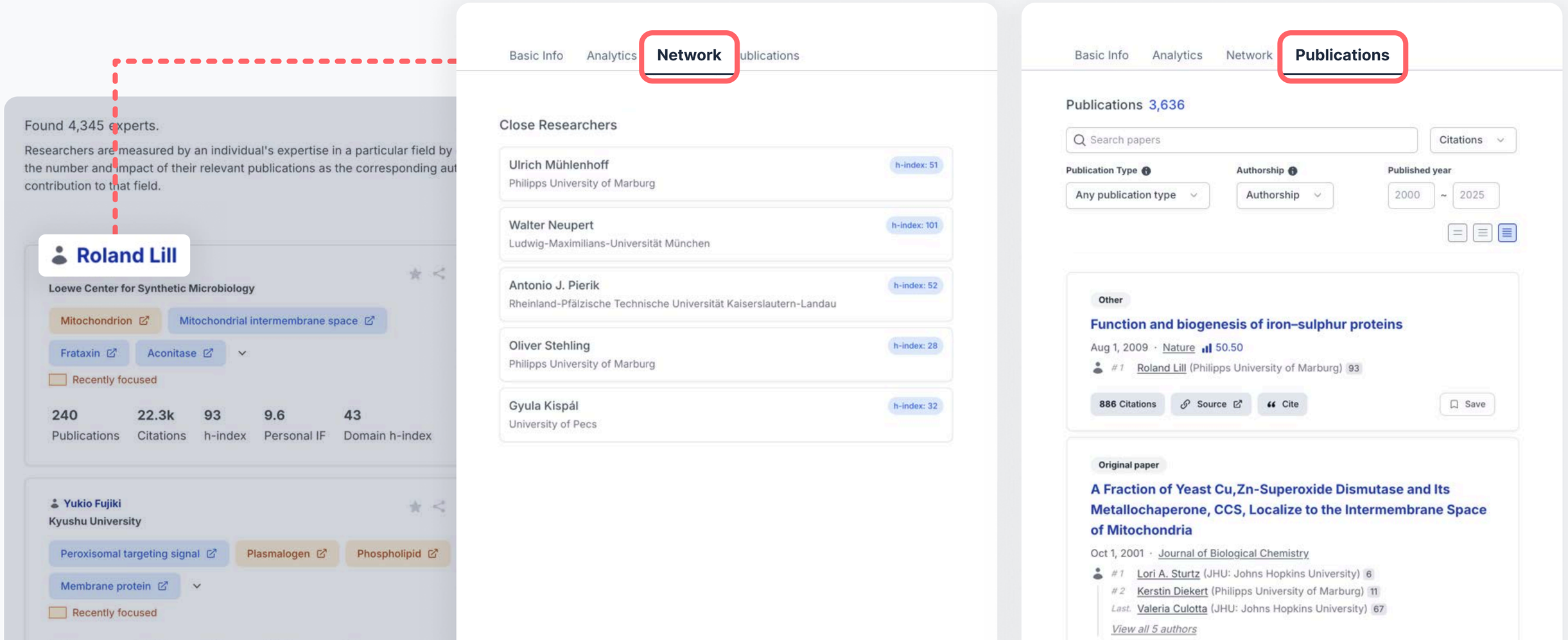
🧑‍🔬 Expert Finder

Our tool uses citation analysis and author contribution/article type data to provide a precise measure of the influence of experts



🧑‍🔬 Expert Finder

Check out Expert Finder's unique **Close Researchers** feature
— and don't miss the **Publications** too!



🧑‍🔬 Expert Finder

Found 4,345 experts.

Researchers are measured by an individual's expertise in a particular field by calcul
the number and impact of their relevant publications as the corresponding author. A
contribution to that field.

Mitochondrion

Indicated the field of research in which the author has mainly worked

Roland Lill

ondrial intermembrane space

43
Publications Citations h-index Personal IF Domain h-index

Yukio Fujiki
Kyushu University

Peroxisomal targeting signal | Plasmalogen | Phospholipid | Membrane protein

Recently focused

283 Publications | 15.6k Citations | 62 h-index | 3.87 Personal IF | 33 Domain h-index

Tracey A. Rouault

Mitochondrion
https://www.wikidata.org/wiki/Q39572

488k Authors | 209k Publications

Hierarchy of fields grouped and ordered by coverage and concentration

Field Hierarchy

Parent			
Biology 36M papers	Chemistry 29.2M papers	Biochemistry 13.7M papers	Genetics 10M papers
Cell biology 3.6M papers			
Current			
Mitochondrion 209k papers			
Child			
Cytochrome c 31.6k papers	Cytochrome c oxidase 16.5k papers	Inner mitochondrial membrane 13.5k papers	Bioenergetics 11.7k papers
Mitochondrial biogenesis 10.5k papers	Respiratory chain 10.4k papers	Mitochondrial ROS 7,919 papers	Succinate dehydrogenase 7,720 papers
Inner membrane 6,675 papers		Coenzyme Q – cytochrome c reductase 6,666 papers	

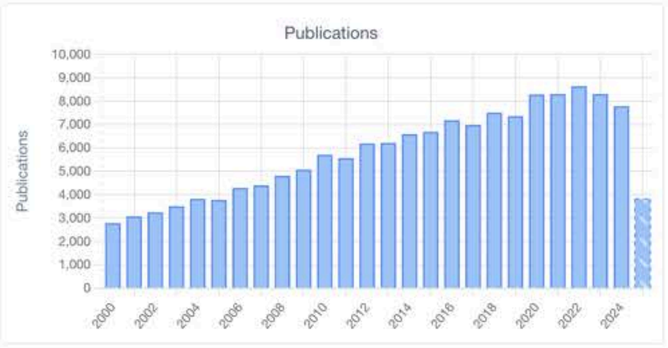
Trends | Top Researchers | Top Affiliations | Top Papers

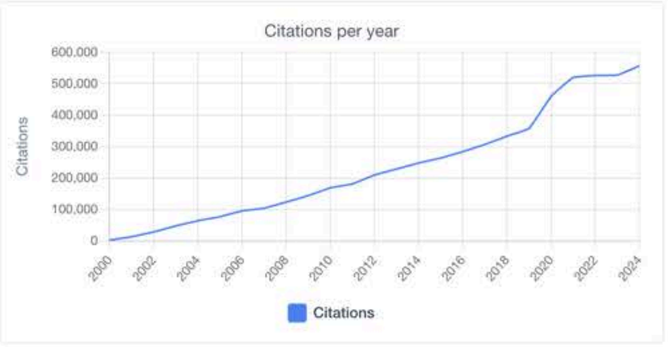
Trends

Publications

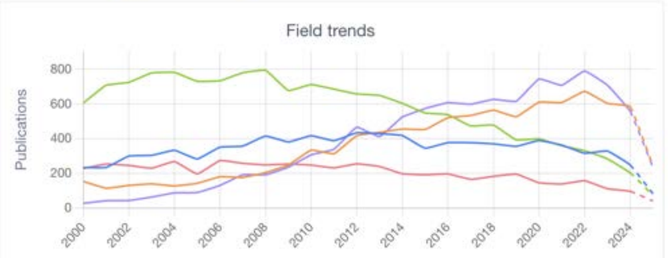
Trends | Top Researchers | Top Affiliations | Top Papers

Trends





Field Trends | Edit Field



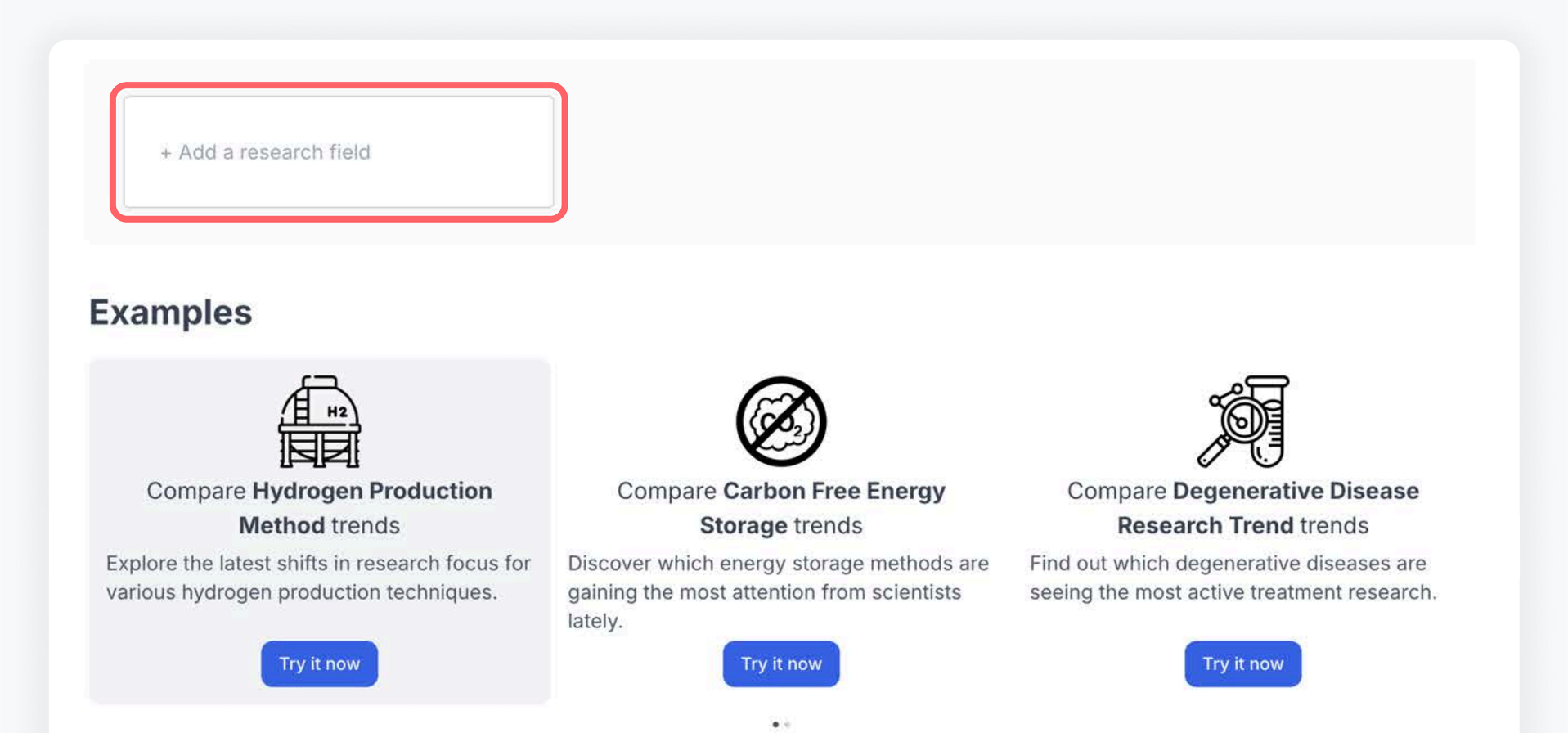
02

Key Functions

- Research Intelligence
- Expert Finder
- **Scinapse Trends**

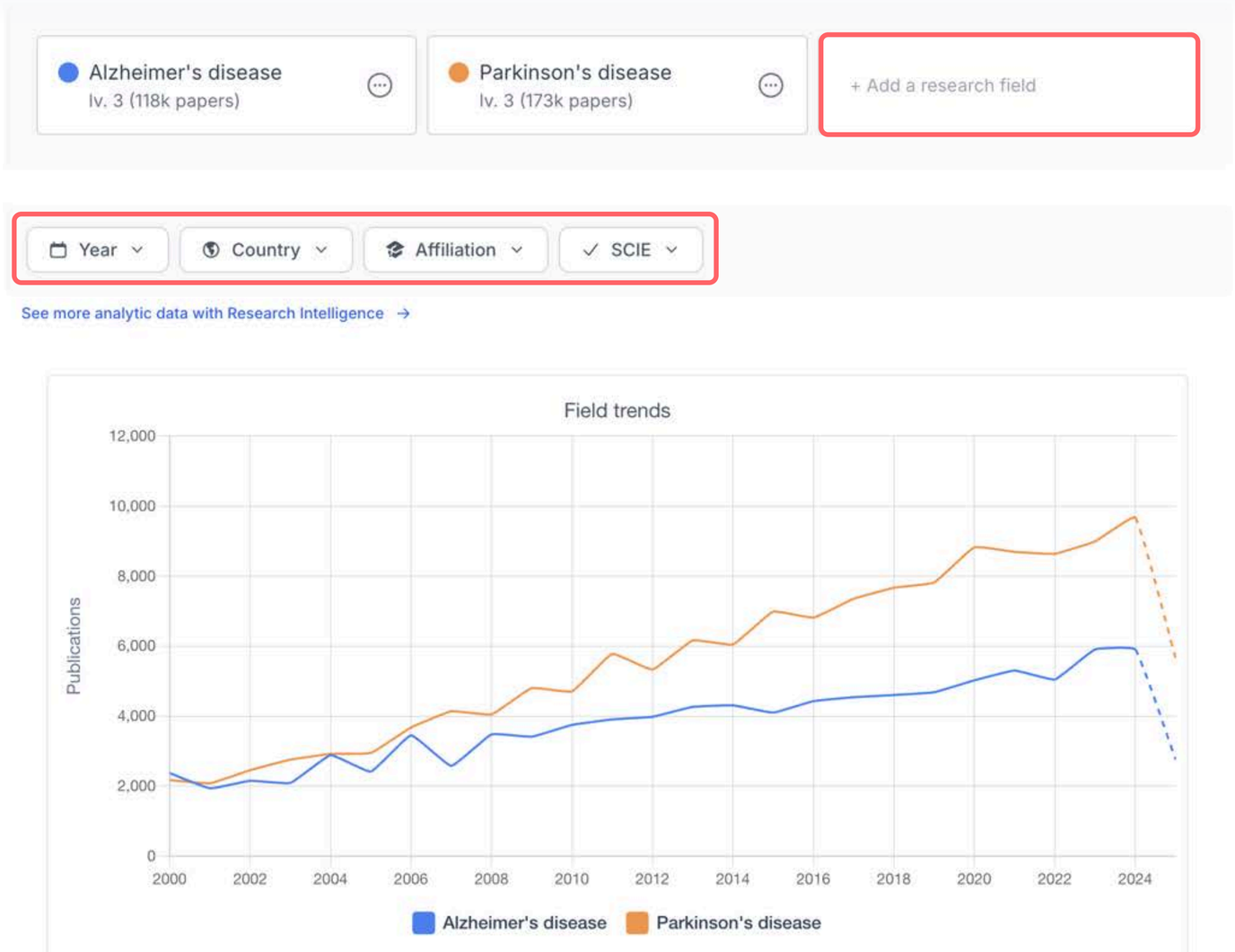
Scinapse Trends

Scinapse Trends helps you to find the history of a particular research field of interest briefly.
You can get more in-depth information in Research Intelligence and Expert Finder.



Scinapse Trends

Identify changing research trends and note worthy institutions, journals, countries and recent leading researchers within a specific field or filtered set.



Scinapse Trends

Quickly spot **the top original papers**
and **recent leading researchers** in your chosen topic!

Parkinson's disease

Top original papers

TITLE	JOURNAL	CITATIONS (FILTERED SET)
Trial of Prasinezumab in Early-Stage Parkinson's Disease	New England Journal of Medicine	70
Structures of α-synuclein filaments from human brains with Lewy pathol...	Nature	64
Trial of Cinpanemab in Early Parkinson's Disease	New England Journal of Medicine	60
Single-cell genomic profiling of human dopamine neurons identifies a p...	Nature Neuroscience	53
Toward therapeutic electrophysiology: beta-band suppression as a bioma...	npj Parkinson s Disease	44

See more recent paper results with Research Intelligence →

Recent leading researchers

FULL NAME	AFFILIATION	DOMAIN H-INDEX
Andrés M. Lozano	University of Toronto	15
Nobutaka Hattori	Juntendo University	14
Diego Santos-García	Complexo Hospitalario Universitario A Coruña	12
Helen Brontë-Stewart	Stanford Medicine	12
Huifang Shang	West China Hospital of Sichuan University	12

See more recent researchers with Expert Finder →

Alzheimer's disease

Top original papers

TITLE	JOURNAL	CITATIONS (FILTERED SET)
Lecanemab in Early Alzheimer's Disease	New England Journal of Medicine	476
New insights into the genetic etiology of Alzheimer's disease and rela...	Nature Genetics	225
Donanemab in Early Symptomatic Alzheimer Disease	JAMA	208
Two Randomized Phase 3 Studies of Aducanumab in Early Alzheimer's Dise...	The Journal of Prevention of Alzheimer s Disease	147
Head-to-head comparison of 10 plasma phospho-tau assays in prodromal A...	Brain	77

See more recent paper results with Research Intelligence →

Recent leading researchers

FULL NAME	AFFILIATION	DOMAIN H-INDEX
Oskar Hansson	Lund University	39
Yakeel T. Quiroz	Massachusetts General Hospital	14
Pedro Rosa-Neto	Alzheimer's Disease Neuroimaging Initiative	14
Jin-Tai Yu	Fudan University	13
Jin-Tai Yu	Fudan University	12

See more recent researchers with Expert Finder →

scinapse

We're better than Google Scholar. We mean it.

Discover new insights for better research and business.
We focus on in-depth research data and analytics from research papers.

Contact us

Sanha Kim | Chief Revenue Officer

sanha@pluto.im