Tackling Disambiguation in Publication Output:

The new *One Profile* in Web of Science

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Our Institute for Scientific Information publishes scientific reports to help you follow best practices for responsible research evaluation.
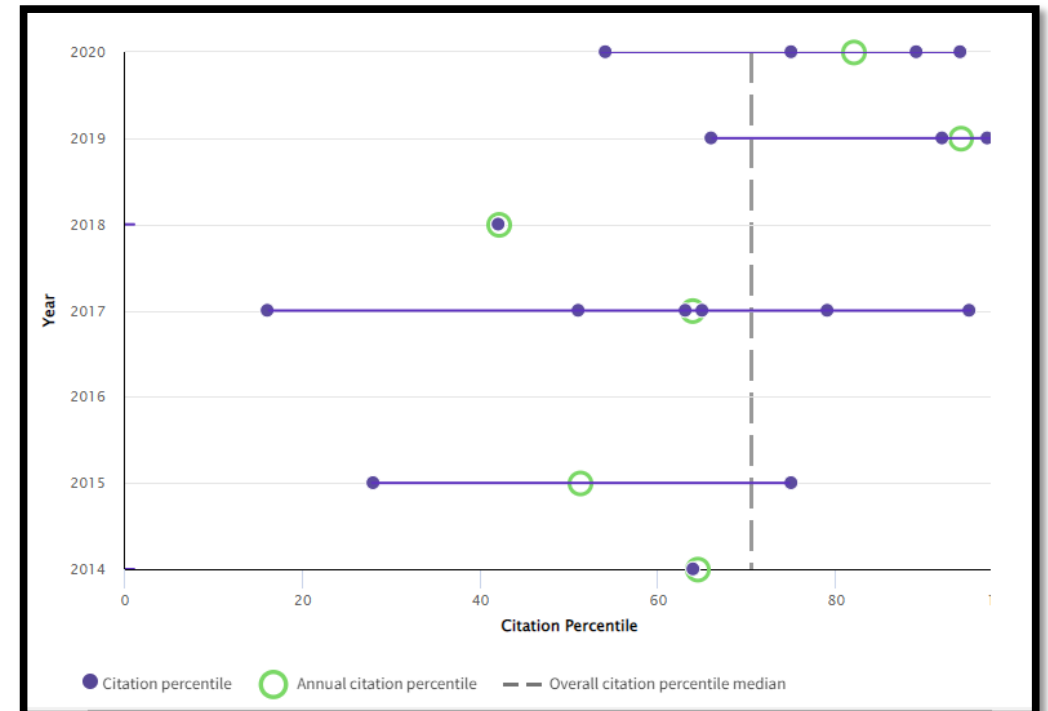
"The 'university' of Web of Science, ISI maintains the knowledge corpus upon which the index and related information and analytical content and services are built; it disseminates that knowledge externally through events, conferences and publications and it carries out research to sustain, extend and improve the knowledge base."

Clarivate™

First proposed by Bornmann and Haunschild (2018) from Max Planck Institute, **beam plots** :

• help you put a researcher's articles into a context suitable for comparison

• each paper's citation count is 'normalized' by the average for journals in their same category and publication year, and that value is converted to a percentile.

• Monthly update

Citation Percentile

● Citation percentile   ○ Annual citation percentile   - - Overall citation percentile median

Multi-authorship and research analytics

Global Research Report
Multi-authorship and research analytics

Jonathan Adams, David Pendlebury, Ross Potter and Martin Szomszor
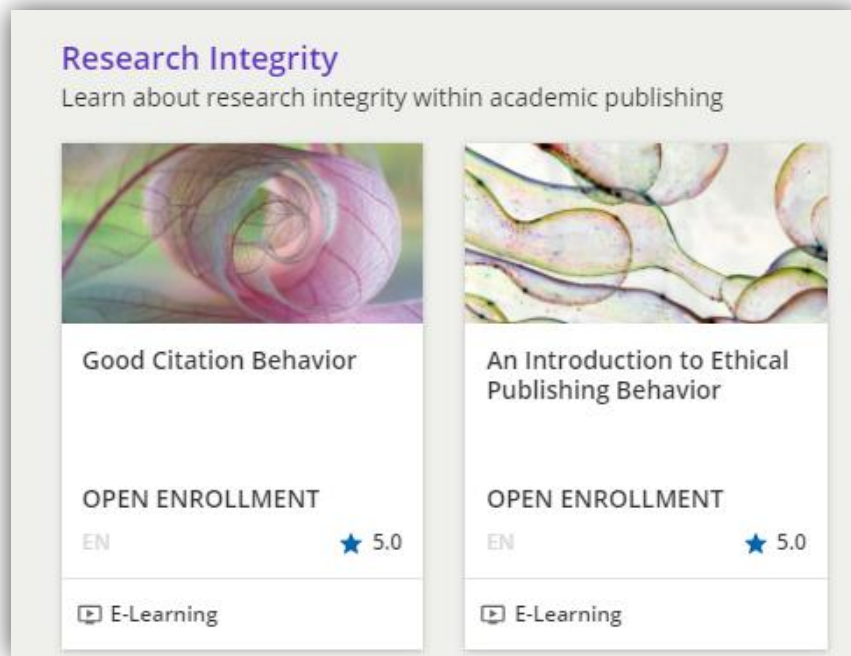
Read the report

Across the Web of Science,

• The most frequent number of authors on an article is <u>three</u> and 95% of global output has 10 or fewer authors

• The most frequent number of countries on an article is one and 99% of global output has authors from <u>five or fewer countries.</u>

• Complex authorship (many authors, many countries) has continued to rise in the last five years.

• <u>One additional country on an article has a greater benefit than one additional author</u>

• Author and impact patterns vary between disciplines

• Every country gains citation impact through its share of the 5% of global multi-author 10 or more articles

Helping you safeguard research integrity

Supporting the global research community with publisher-neutral guidance and action to protect research integrity

Read ISI's Research Integrity report

Learn how to apply best practices in Web of Science Academy courses

See an example of our work in the *RetractionWatch* blog

Web of Science

Terminology

Account, *n*. [əˈkaʊnt] – A user who is registered on Web of Science. A user can have an account without a profile, but a profile has to have an associated account.

Author record, *n.* [ˈɔːθə ˈrɛkɔːd] – A group of authorships determined to belong to the same person. May be *unclaimed* (determined only by DAIS algorithm), *curated* (determined by a combination of human feedback and DAIS augmentation) or *claimed* (dictated entirely by the feedback of the person purporting to be the author.

Authorship, *n.* [ˈɔːθəʃɪp] – An author position on a publication. A publication has as many authorships as it does authors. The authorship is a claimable entity as part of an author record. When a person claims a publication, they are actually claiming an authorship on that publication.

Profile, *n*. [ˈprəʊfaɪl] – A collection of metadata about a scholar, containing user-generated personal information and at least one of the following: claimed authorship(s), non-indexed publication(s), peer review(s), editored record(s), grant review(s).

Author Impact Beamplots
A first step towards more responsible research evaluation

Learn more in the ISI whitepaper, video and guide
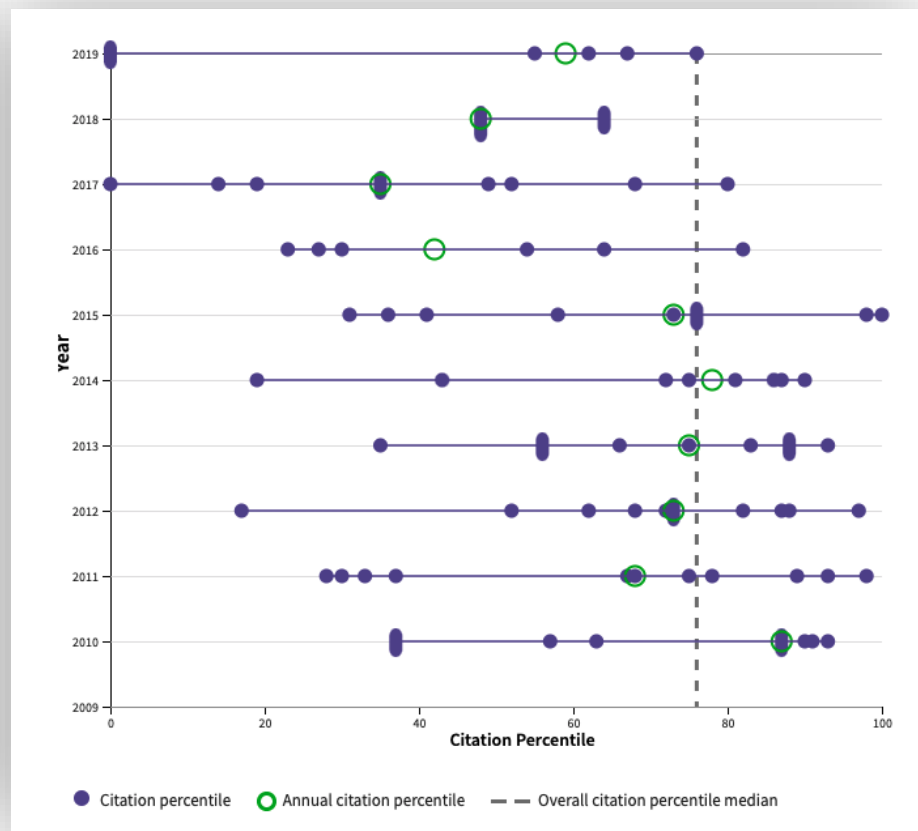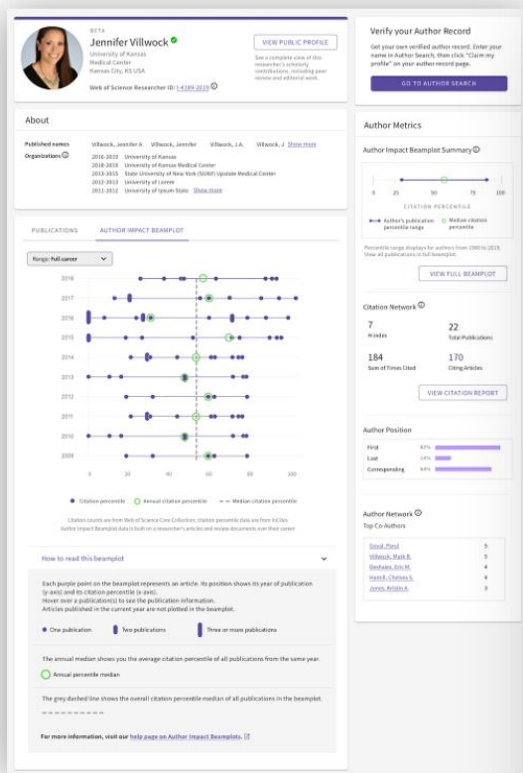
- Get beyond the h-index with new visualizations that help you see the context of each researcher's scholarly influence over time.

- Quickly obtain multidimensional data to support promotion, tenure and funding applications, and help your researchers tell the story of their careers.

Web of Science author records
Aiding the discovery of *people* in the Web of Science

Available for **every author** in the Core Collection

Disambiguated collection of authored publications

Amalgamated **author metrics**

Dedicated **Author Search**

Can be **claimed** or **curated**

28 M+ author records

98% precision (against HCR)

87% recall (against HCR)

Clarivate™

Claiming and curation
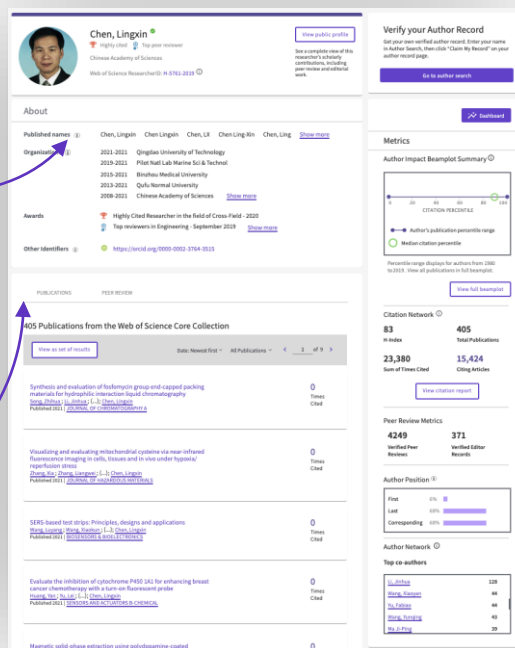
Managing your presence in the Web of Science

Researcher Identity
Web of Science ResearcherID
Awards
Validated information
ORCID sync

Scholarly contributions
Core Collection publications
Peer reviews
Board memberships
Grant reviews

Extensive metrics dashboard
Peer review ratio
Publications/times cited
Author Impact Beamplot

Co-authorship network
Listed by frequency

Profiles and the research lifecycle

Discover

Understand the context of an author's work

See co-authorship relationships

Evaluate

Trusted researcher-level metrics

Benchmark institution performance

Progress

Showcase your research impact

Identify collaboration opportunities

Future enhancements

How does One Profile address current users' concerns?

Profile fatigue	A clear value proposition	Manage your ORCID	High-quality augmentation
Difficult workflows	Streamlined workflows	Combined product benefits (e.g., alerts, CV)	Consistent identifiers
Restricted functionality	Personalised recommendations	Profile augmentation	Cross-product utility

Introducing Web of Science Researcher Profiles

Publons is moving to the Web of Science

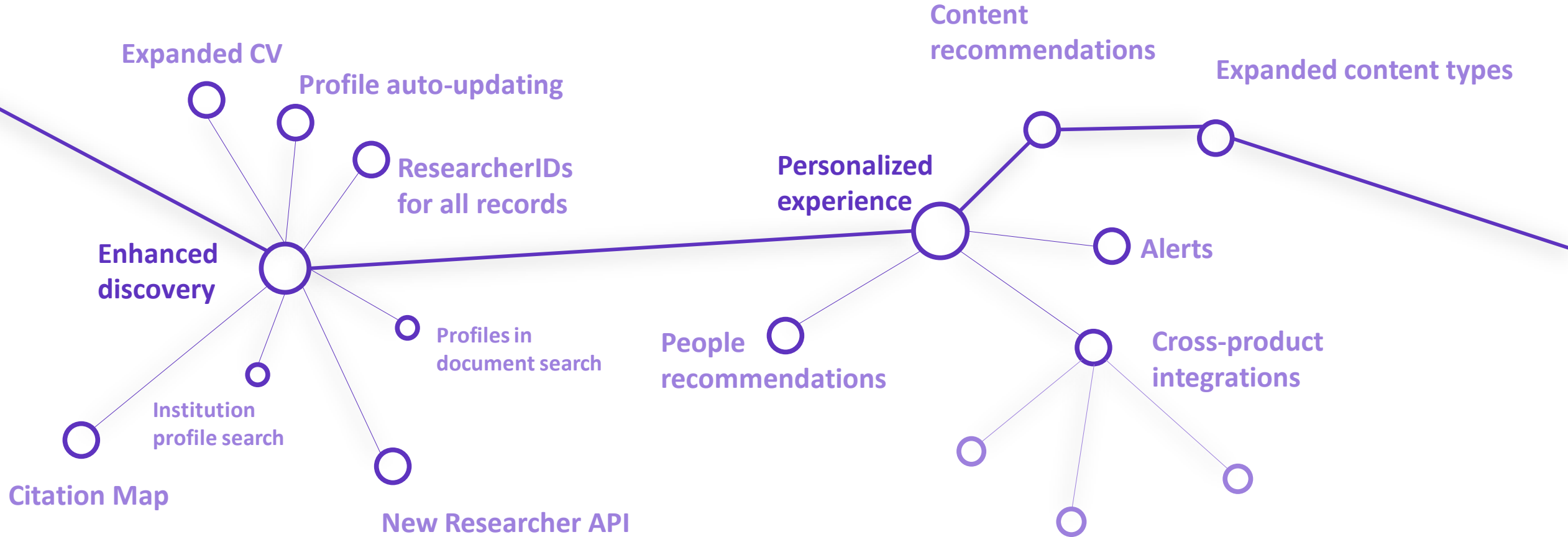**One** user-facing profile

One sign-in location

One management platform

One search experience

Future enhancements
Solving more problems across the research lifecycle

- Expanded CV
- Profile auto-updating
- ResearcherIDs for all records
- Content recommendations
- Expanded content types
- Personalized experience
- Enhanced discovery
- Alerts
- Profiles in document search
- People recommendations
- Cross-product integrations
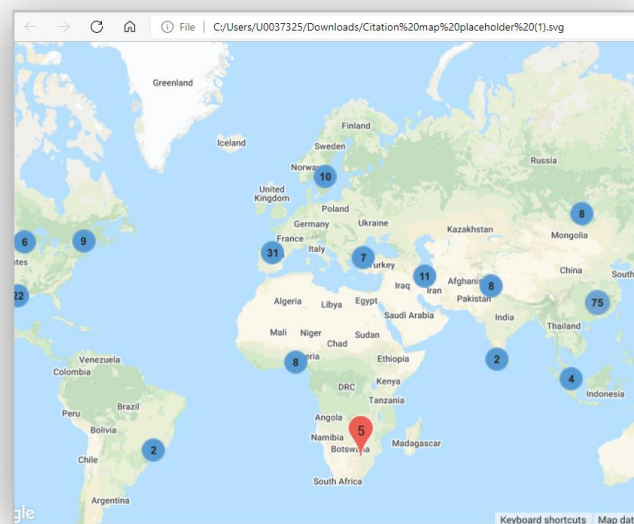- Institution profile search
- Citation Map
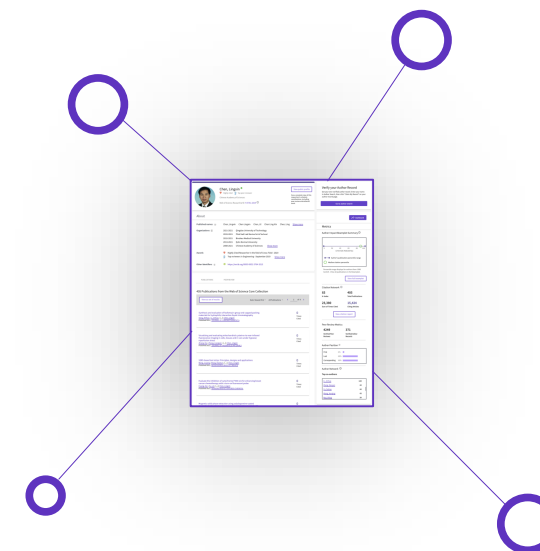- New Researcher API

Enhanced discovery
Embedding profiles into the Web of Science experience
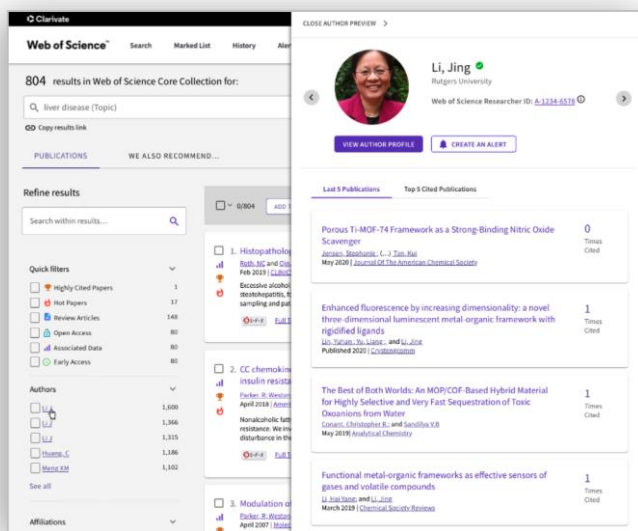
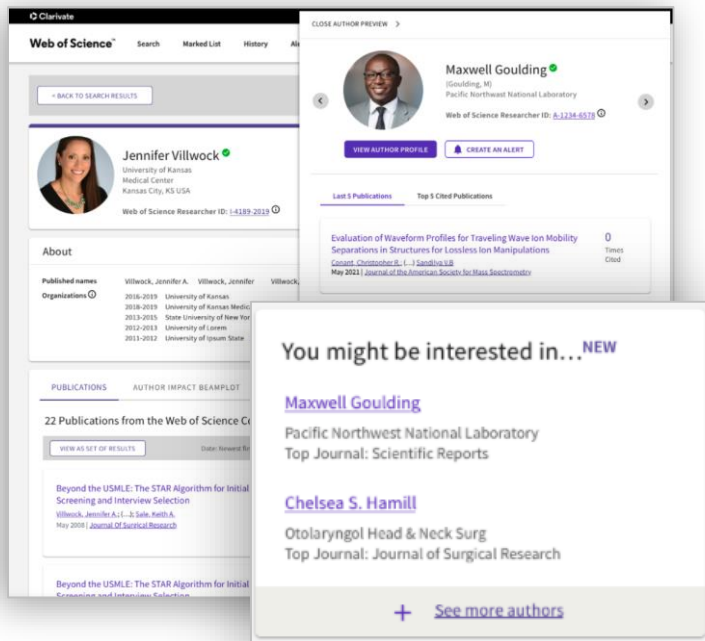**Profiles in document search**

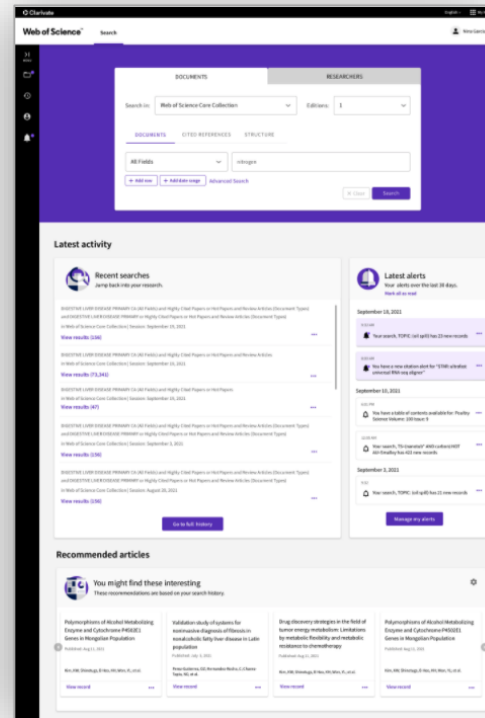**Geographic Citation Map (already in product)**
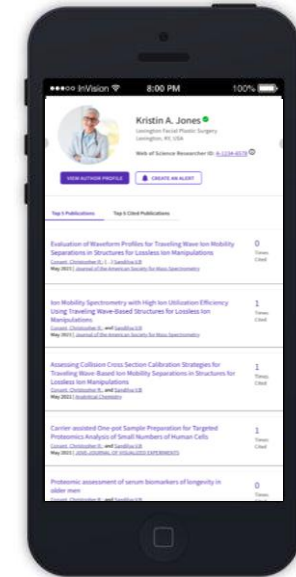
Connected resources (API)

Personalized WoS experience
Utilizing profiles to benefit the research lifecycle

People recommendations

Personalized dashboard

My Research Assistant

Profiles and personalization roadmap

2022

ResearcherIDs
A unique identifier for all author records

Preprints
Indexed from 5 archives

'One profile' integration
A unified researcher profile experience in the Web of Science

Profiles in document search
See the leading researchers within a set of documents

Personalized dashboard
Quick links to alerts, search history and profile actions

Beamplot improvements
Enhanced filtering and export

Citation map
See the geographic location of your citations

Automatic profile updates
Intelligent updating of profiles with new content

Recommended researchers
Intelligent discovery of researchers in similar fields

PivotRP integration
Connect with funding opportunities

Profile alerts
Follow researchers of interest

Institution researcher search
Discover researcher profiles by institution

2023

Topic researcher search
Discover subject relevant researchers

Curation improvements
Enhanced user experience to support corrections

Email contact
Support collaboration with direct contact

Researcher API
Programmatic access

Dissertations
Novel research from early career researchers

Notifications redesign
Intuitive and helpful updates

Patents
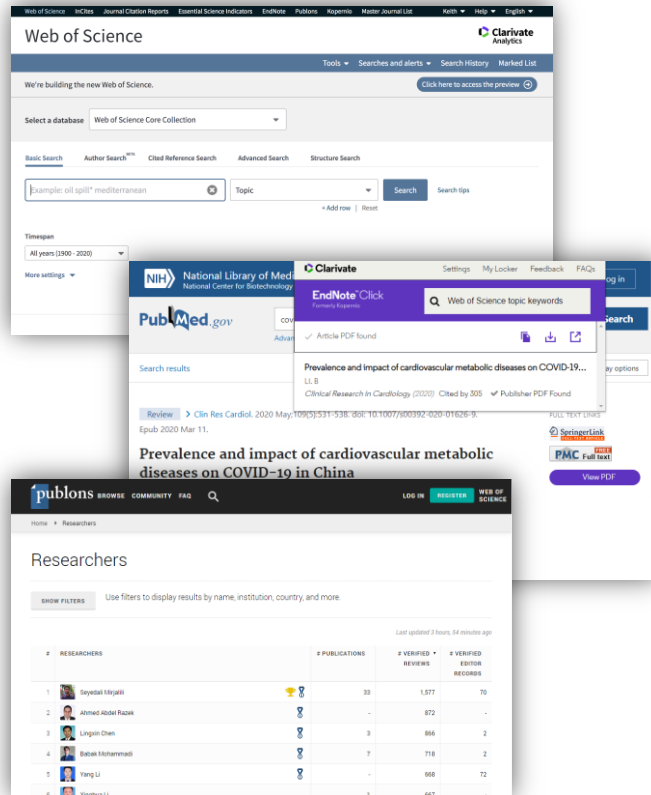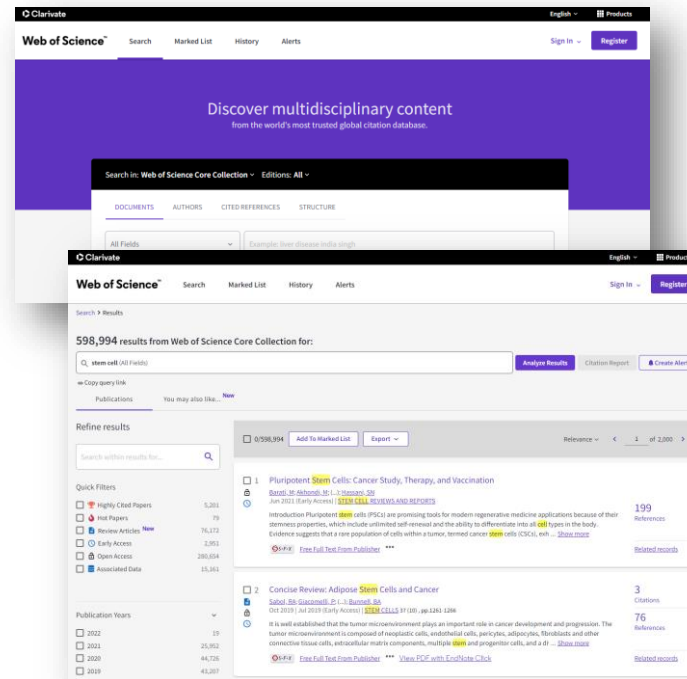Connect research to industry

Grants
Awarded grant information

Evolving Web of Science to help you thrive in a complex landscape

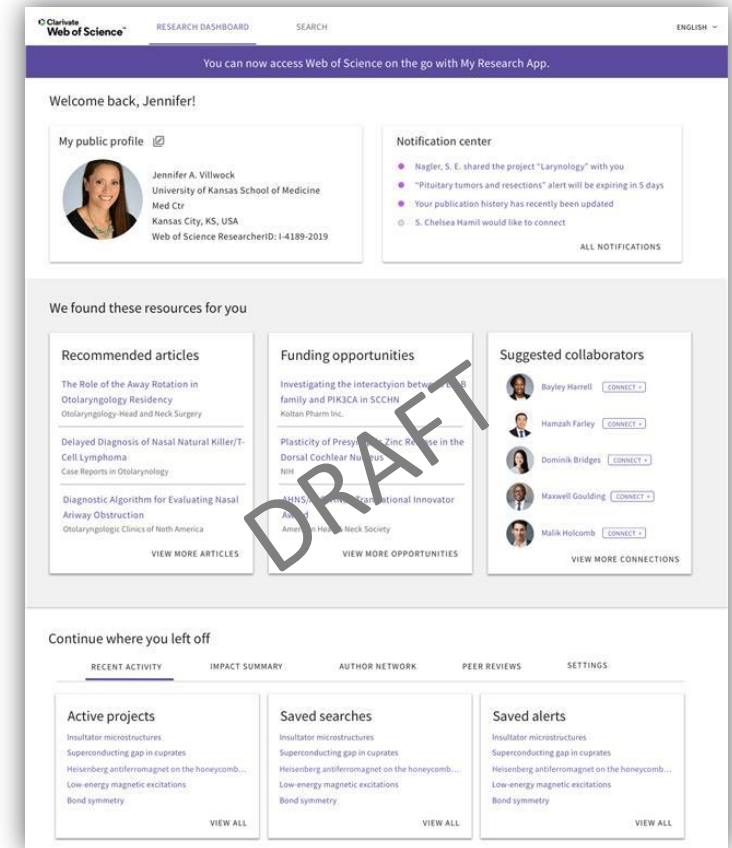From a trusted suite of products to a research intelligence platform

Past	Today	2022+
Classic Web of Science	New Web of Science	"Next Gen" Web of Science

Improved performance and user experience, accessibility compliance

Thank you – Merci Questions?

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