

# Jelentős véleményformálók azonosítása a Web of Science adatok alapján

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2022. február



# Agenda

1. Setting the stage
2. Identify KOLs using Web of Science
3. Get to know the KOL
4. Get to know InCites for further analysis
5. Web of Science Author Connect
6. Additional Information



# Web of Science

Accelerate your institution's research with an integrated suite of trusted resources



## High-quality content

Promote research integrity and support information literacy by pointing students and faculty to content from the world's leading publications.



## Multidimensional researcher profiles

Help your researchers showcase their scholarly contributions and demonstrate impact on the research landscape to strengthen your institution's standing.



## Workflow and analysis tools

Save time with tools that automatically write your bibliography for you, identify reputable, best-fit journals for your manuscripts, and output your c.v. with the click of a button.



## Publisher-neutral expertise

Gain insights into industry trends from the Institute for Scientific Information or learn how to peer review from publisher-neutral experts.



# Web of Science platform content

Gain a comprehensive view of worldwide research across the sciences, social sciences, and arts & humanities



**34,000+**

Journals across the platform

**101 million**

Patents for over 46 million inventions

**21,000+**

Total journals in the *Core Collection*

**11 million+**

Data Sets and Data Studies

**1.9 billion+**

Cited references

**Backfiles to 1900**

With cover-to-cover indexing

**174 million+**

Records

**220,000+**

Conference proceedings

**15 million +**

Records with funding data

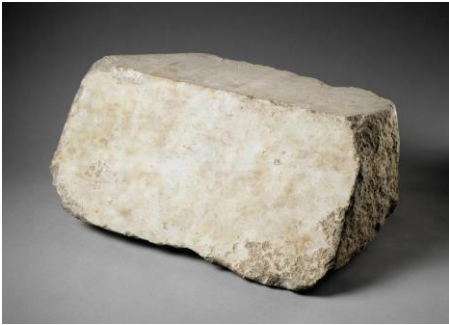
**119,000+**

Books

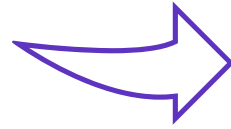


# Data building blocks

- The Web of Science ingests billions of data points, forming a huge interconnected structure representing the literature starting from publications as a building block.



Source:  
[https://www.britishmuseum.org/collection/object/Y\\_EA491](https://www.britishmuseum.org/collection/object/Y_EA491)



Source:  
<https://www.egyptindependent.com/newly-discovered-gap-khufu-pyramid-already-known-zahi-hawass/>





# Identification of KOLs? Why?



# The Need...



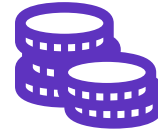
## Researchers

- Researchers need to identify KOLs to follow their stream and identify potential collaborators.
- Keep themselves updated with new trends in their field



## Organisations

- Organisations need to identify KOLs for talent development
- They run what-if analyses to study the impact of recruiting a specific KOL on their research profile and reputation.
- Ranking agencies survey KOLs to assess reputation of institutions



## Funders

- Funders need to identify KOLs to provide opinions and advice on projects and tenders.



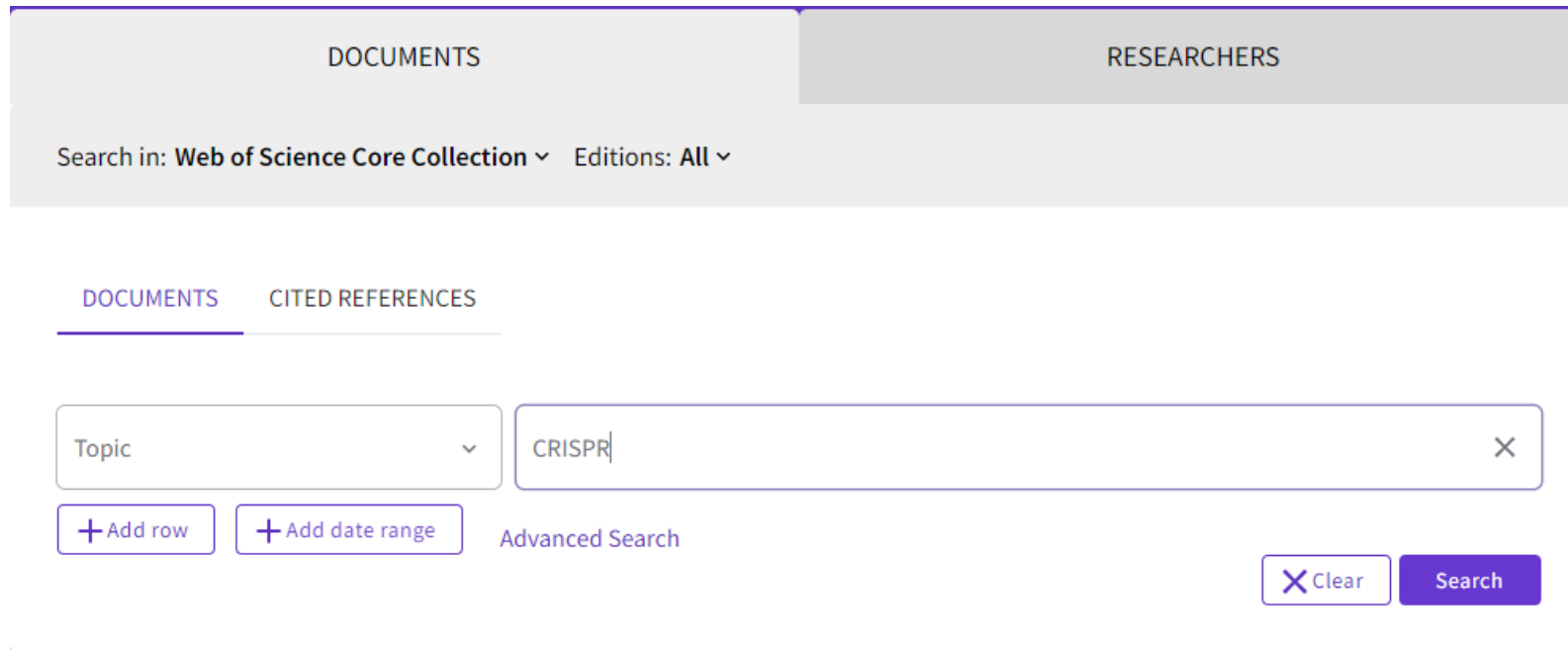
## Journal Editors

- Journal editors identify KOLs to invite them to publish in their journal, searching for visibility and impact.



# Identify Key Opinion Leaders (KOL) in your research area

- Identifying the right partners and collaborators working in your research area is a crucial part in the research arena.
- Web of Science can analyze thousands of publications based on your own keywords to identify the key players in the area.



The screenshot displays the Web of Science search interface. At the top, there are two tabs: 'DOCUMENTS' and 'RESEARCHERS', with 'RESEARCHERS' being the active tab. Below the tabs, a search bar contains the text 'Search in: Web of Science Core Collection' and 'Editions: All'. Underneath the search bar, there are two sub-tabs: 'DOCUMENTS' and 'CITED REFERENCES', with 'DOCUMENTS' being the active sub-tab. A search input field contains the keyword 'CRISPR'. Below the input field, there are two buttons: '+ Add row' and '+ Add date range'. To the right of these buttons is a link labeled 'Advanced Search'. At the bottom right, there are two buttons: 'X Clear' and 'Search'.



Search ▸ Results

31,774 results from Web of Science Core Collection for:

Q CRISPR (Topic)

Analyze Results

Citation Report

Create Alert

Copy query link

Publications

You may also like...

## Refine results

Search within results for...

## Quick Filters

- ☐ Highly Cited Papers 921
- ☐ Hot Papers 24
- ☐ Review Articles 4,126
- ☐ Early Access 353
- ☐ Open Access 21,177

## Publication Years

- ☐ 2022 394
- ☐ 2021 6,526
- ☐ 2020 6,208
- ☐ 2019 5,642
- ☐ 2018 4,445

See all &gt;

## Document Types

- ☐ Articles 22,457
- ☐ Review Articles 4,126
- ☐ Meeting Abstracts 2,617

0/31,774

Add To Marked List

Export ▾

Sort by: Relevance ▾

&lt; 1 of 636 &gt;

## 1 Characterization of distinct mutation patterns by CRISPR-Cas9 and CRISPR-Cpf1 genome editing systems

Bae, T; Hwang, WC; (...); Hur, JK

Oct 2019 | MOLECULAR &amp; CELLULAR TOXICOLOGY 15 (4) , pp.383-389

Backgrounds The differences of DNA mutation patterns of genome editing by CRISPR (Clustered regularly interspaced Short Palindromic Repeats)-Cas9 and CRISPR-Cpf1 is not completely understood. Methods CRISPR-Cas9 or CRISPR-Cpf1 is applied for genome editing at the exact same four genomic locations in human embryonic kidney 293T (HEK293T) cells. The mutation patterns of the target genomic loci were analyzed by targeted de ... Show more

Links

View full text \*\*\*

14  
References

Related records

## 2 CRISPR-RT: a web application for designing CRISPR-C2c2 crRNA with improved target specificity



Zhu, HX; Richmond, E and Liang, C

Jan 1 2018 | BIOINFORMATICS 34 (1) , pp.117-119

CRISPR-Cas systems have been successfully applied in genome editing. Recently, the CRISPR-C2c2 system has been reported as a tool for RNA editing. Here we describe CRISPR-RT (CRISPR RNA-Targeting), the first web application to help biologists design crRNAs with improved target specificity for the CRISPR-C2c2 system. CRISPR-RT allows users to set up a wide range of parameters, making it highly flexible for current and future research ... Show more

Links

Free Full Text From Publisher \*\*\*

16  
Citations12  
References

Related records

## 3 Anti-CRISPR protein applications: natural brakes for CRISPR-Cas technologies



Marino, ND; Pinilla-Redondo, R; (...); Bondy-Denomy, J

May 2020 | Mar 2020 (Early Access) | NATURE METHODS 17 (5) , pp.471-479

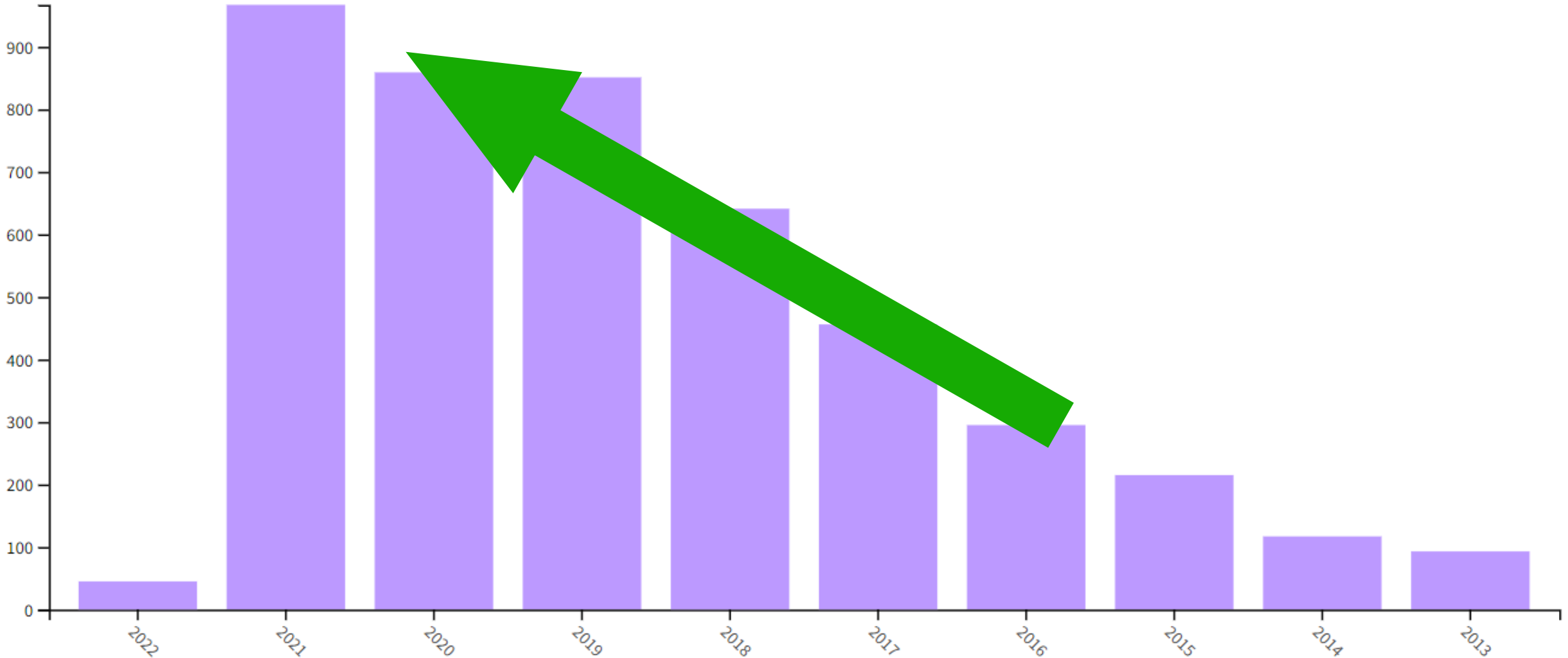
Clustered, regularly interspaced short palindromic repeats (CRISPR) and CRISPR-associated (Cas) genes, a diverse family of prokaryotic adaptive immune systems, have emerged as a biotechnological tool and therapeutic. The discovery of protein inhibitors of CRISPR-Cas systems, called anti-CRISPR (Acr) proteins, enables the development of more controllable and precise CRISPR-Cas tools. Here we discuss applications of Acr proteins ... Show more

41  
Citations99  
References



# KOL? What about trends?

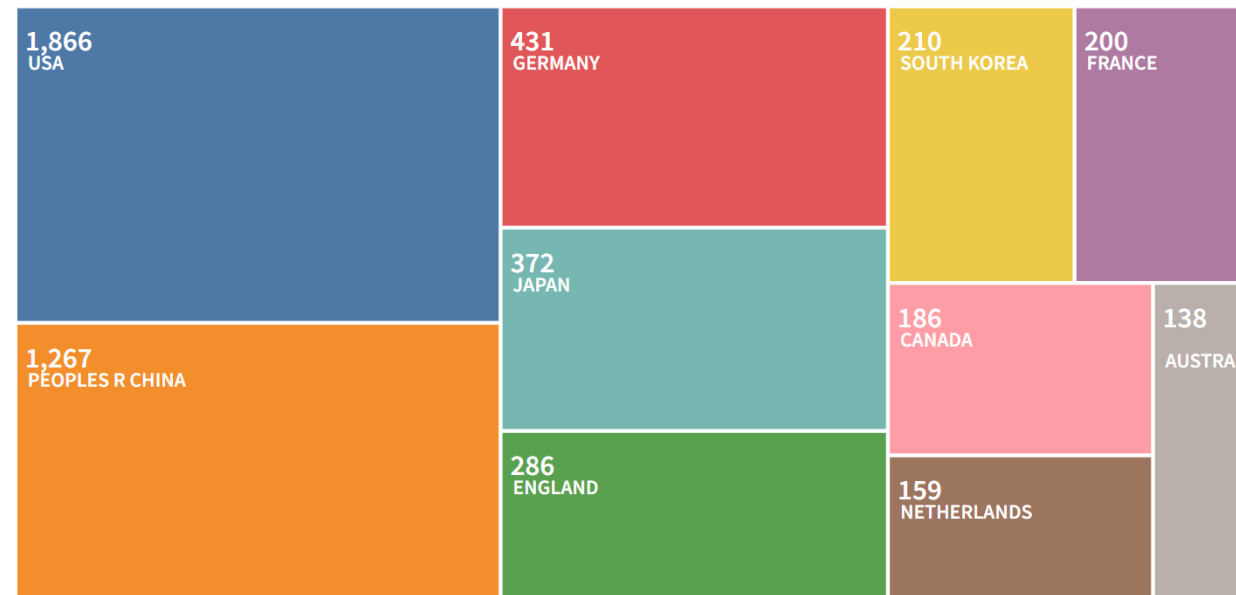
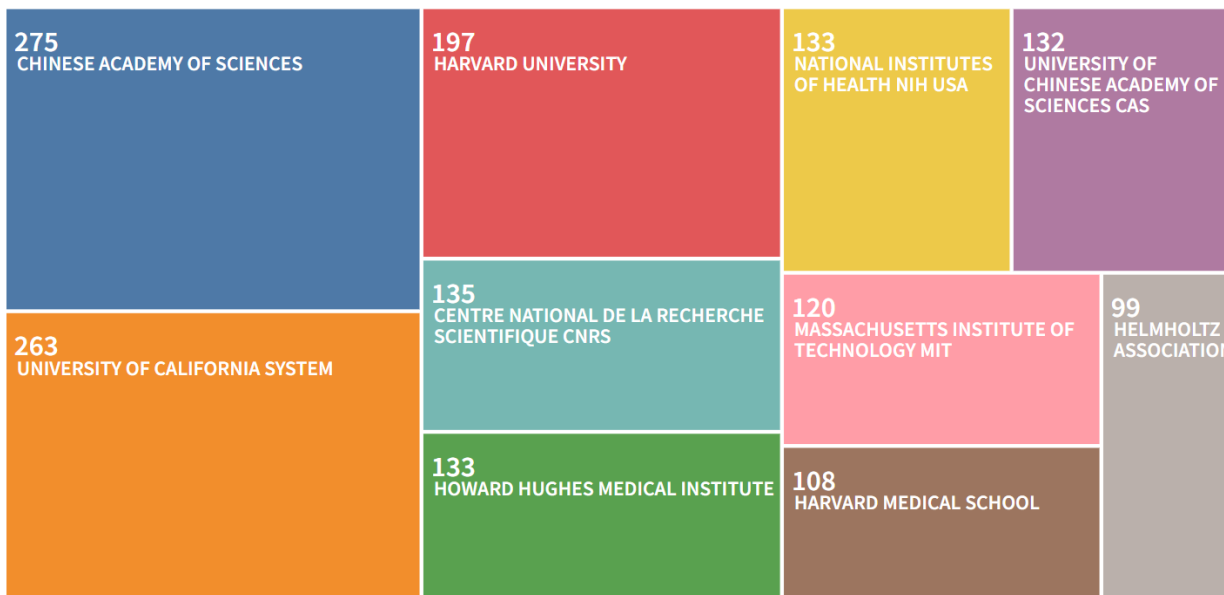
A rising trend!





# KOLs; where do they come from?

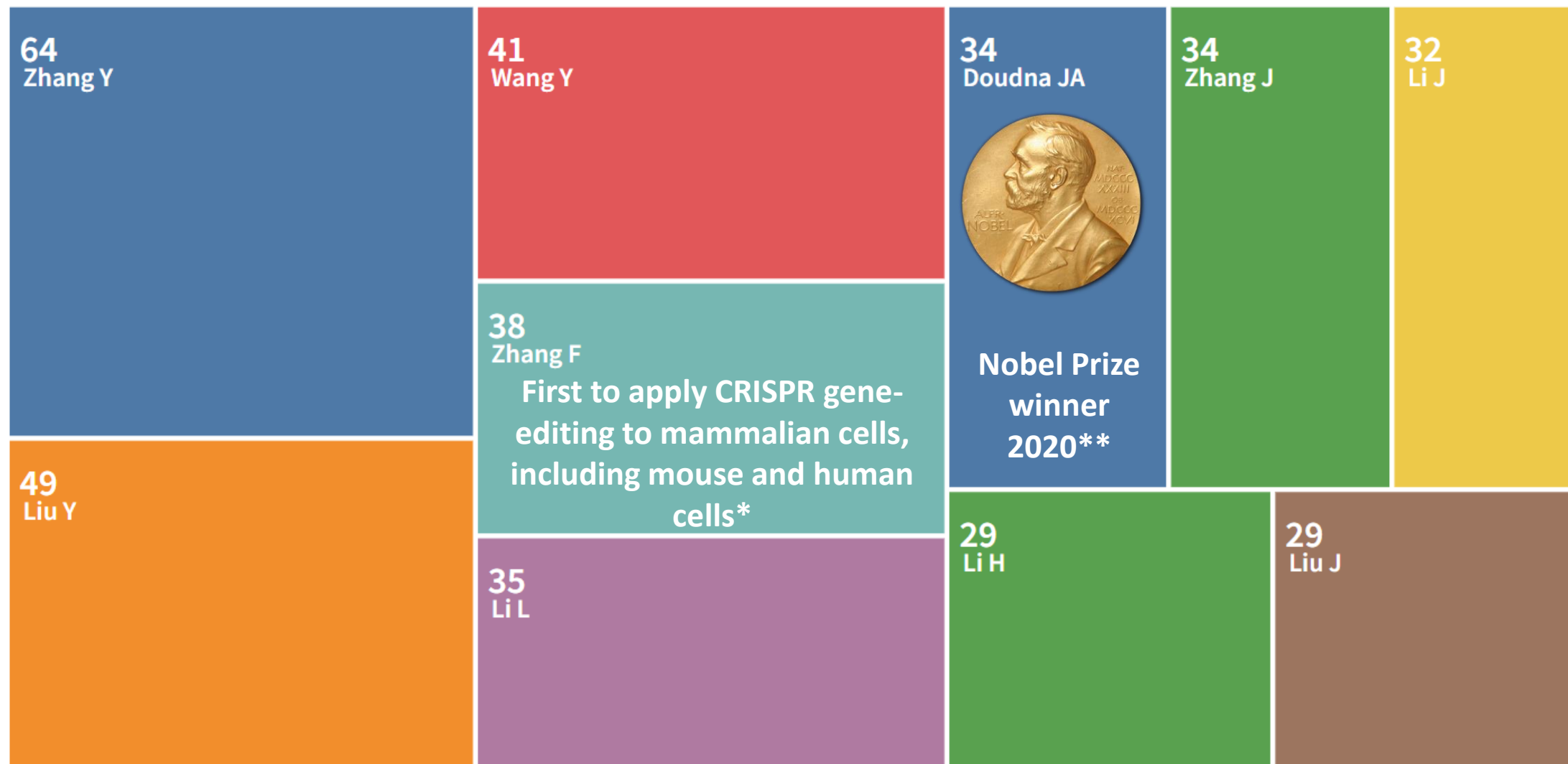
- Take your analysis further and see the countries and affiliations of the KOLs.





# KOLs; who are they?

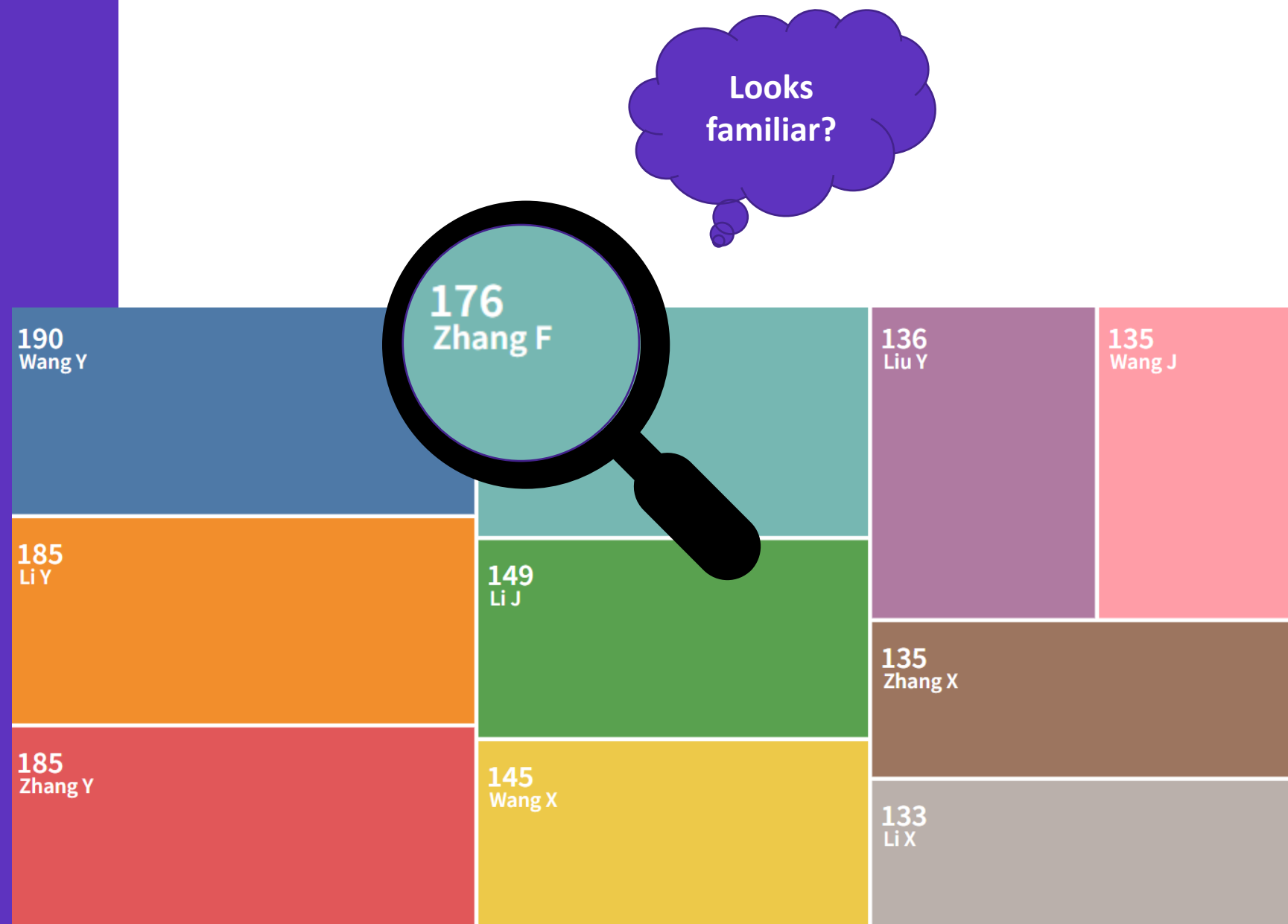
## Publications





# KOLs in Patents

- Based on organizations policies; some KOLs may be embroiled in filing patents.
- Patents data is captured from 59 patent-issuing offices from all over the world and indexed in Derwent Innovation Index






- Web of Science clusters papers using AI and machine learning to form Author Records.
- Author Records can reveal many more information about your KOL concerning productivity & impact.
- Run a Citation Report to understand more.




# Who is citing KOL work? Who are their collaborators?


Create a Citation Report

## Citation Report

 Doudna, Jennifer A. (Author)

Analyze Results

 Create Alert

 Export Full Report

Publications

400

Total

From 1900 ▾ to 2022 ▾


Citing Articles 

28,330 [Analyze](#)

Total

28,047 [Analyze](#)

Without self-citations

Times Cited 

53,029


Total

51,645

Without self-citations

132.57

Average per item

106 

H-Index

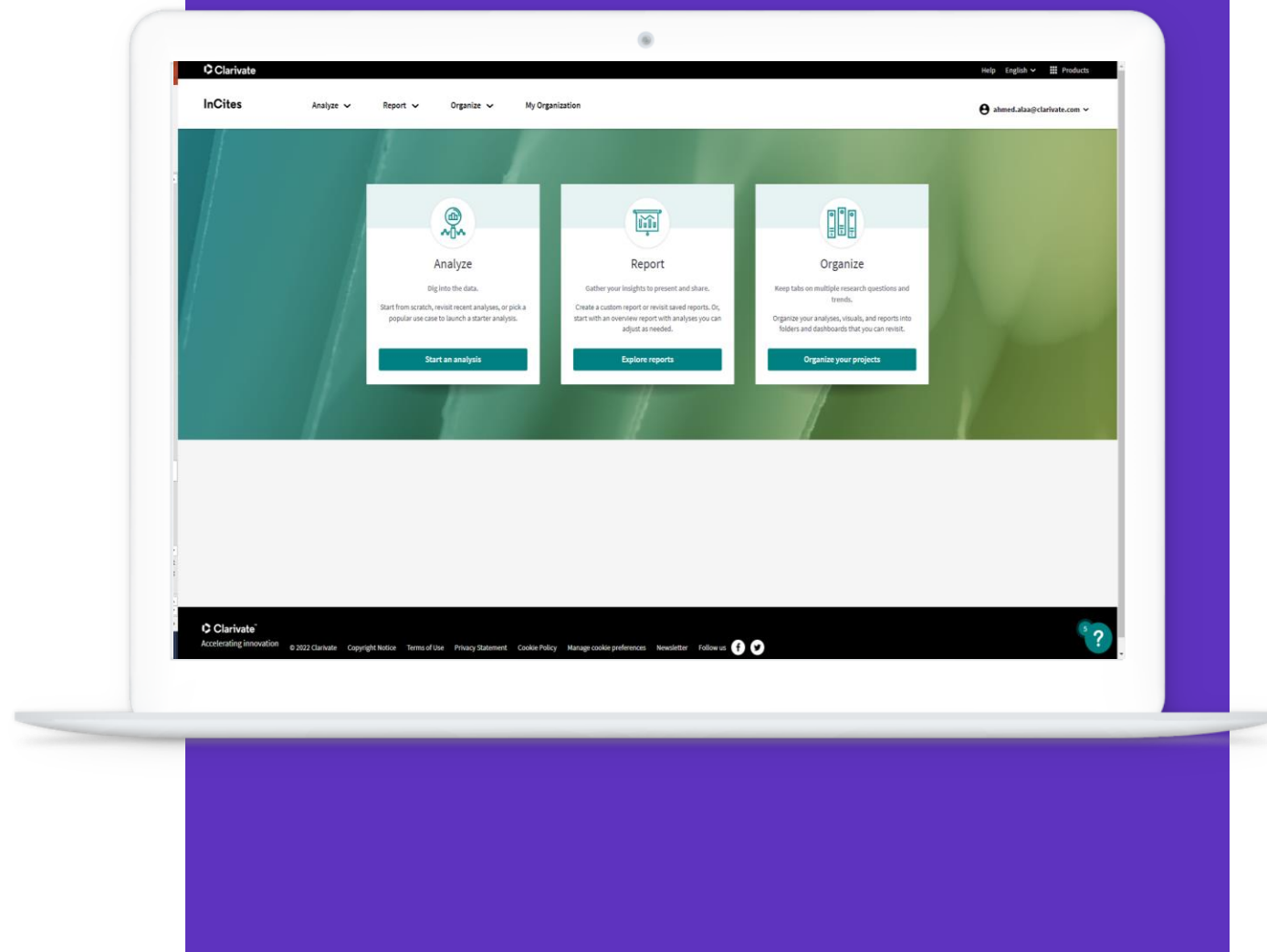


**Making the visible invisible is magic, but  
making the invisible visible is InCites**



# InCites Benchmarking & Analytics

- InCites Benchmarking & Analytics™ provides you with the objective and reliable indicators you need to make confident, data-driven decisions about your research programs. **Built upon the consistent, accurate and complete publications metadata in the Web of Science™ Core Collection**





# InCites Benchmarking and Analytics

A diversity of indicators

Productivity and Impact	Normalization	Top Performance	Collaborations	Journal Intelligence
Web of Science Documents	Percentile and Average percentile	% Docs in Top 1%	Counts and % Industry Collaborations	Open Access counts, % for all types
Times Cited	Category Normalized Citation Impact	% Docs in Top 10%	Counts and % Int'l Collaborations	Publishing Country
Citation Impact	Impact Relative to World	Highly Cited Papers	Affiliation	Journal Impact Factor
h-Index	Journal Normalized Citation Impact	% Highly Cited Papers	Country/Region/Province/State	Journal Quartile
% Docs Cited		% Hot Papers		# Docs by Journal
Funding Agency				5-Year Journal Impact Factor
% Docs by JIF Quartile				Cited Half Life
Author Position (1 <sup>st</sup> , Last, Corresp.)				

[Learn more about indicators](#)



# Export from Web of Science to InCites

0/4,622 [Add To Marked List](#) [Export ^](#) Sort by: Relevance < 1 of 93 >

☐ 1 [Characterization of distinctive CRISPR-Cpf1 genome editing systems](#)  
[Bae, T; Hwang, WC; \(...\); Hur, JK](#)  
Oct 2019 | [MOLECULAR & CELLULAR BIOLOGY](#) 39, pp.1444-1448  
Backgrounds The differences of CRISPR-Cpf1 is not completely in human embryonic kidney 293T cells. CRISPR (Clustered regularly interspaced Short Palindromic Repeats)-Cas9 and Cpf1 is applied for genome editing at the exact same four genomic locations. The target genomic loci were analyzed by targeted deep sequencing. [Show more](#)  
[14 References](#)  
[Related records](#)

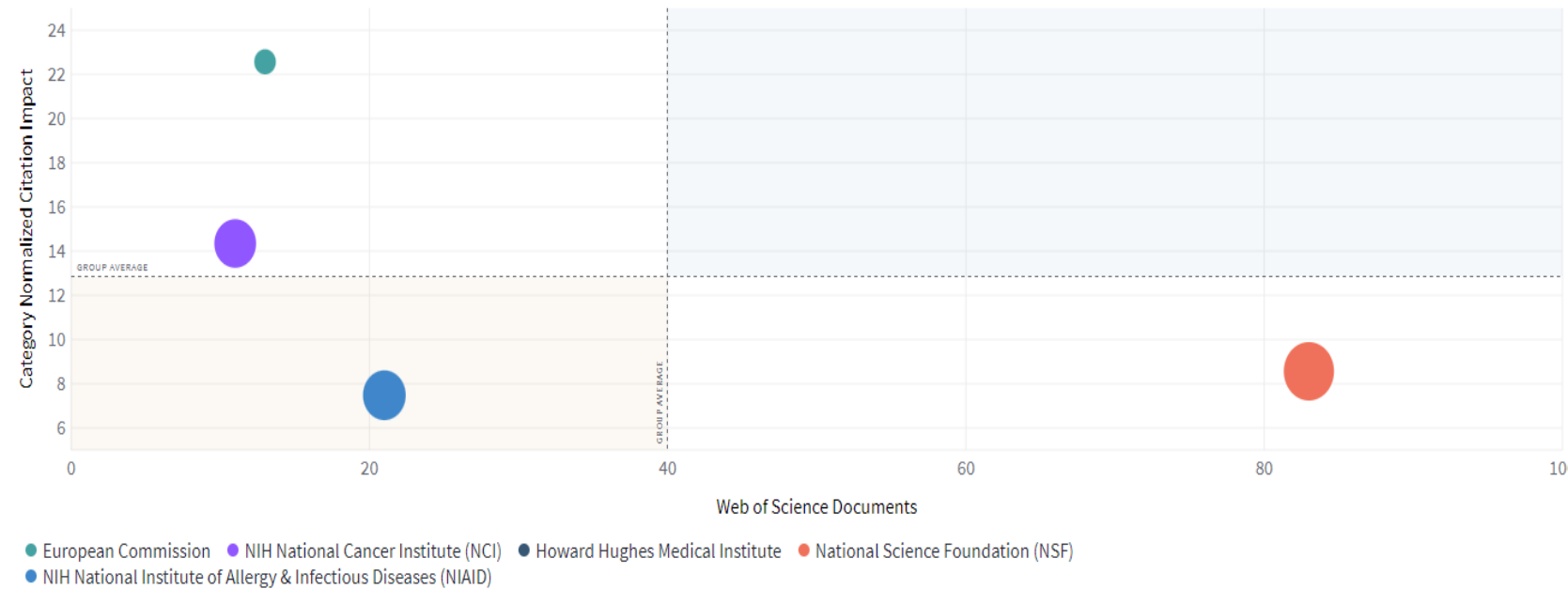
☐ 2 [Requirements for a successful CRISPR-Cas subtype I-B system](#)  
[Stoll, B; Maier, LK; \(...\); Marchfeldt, W](#)  
Dec 2013 | [BIOCHEMICAL SOCIETY TRANSACTIONS](#) 41, pp.1444-1448  
[Full Text at Publisher](#)  
[10 Citations](#)  
[34 References](#)  
[Related records](#)

EndNote online  
EndNote desktop  
Add to my Publons profile  
Plain text file  
RIS (other reference software)  
BibTeX  
Excel  
Tab delimited file  
Printable HTML file  
**InCites**  
More Export Options ⓘ



# Who is funding the KOLs work?

- The Nobel prize winner- Dr. Doudna's work has been funded by several funding agencies.
- NSF funded the largest number of publications, but the work funded by the European Commission has the highest impact in terms of CNCI









# Web of Science Author Connect



# Web of Science Author Connect (WoSAC)

Is your message reaching the right audience?

- WoSAC is a database of active, scientific authors and researchers.
- Our expert team works with you to target the right group of researchers for your message and executes your campaign the way you want it to be run.
  - Track campaigns in an interactive dashboard
  - Compare campaign results to see what is most/least effective.



Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 13<sup>th</sup> globally. It is also placed 1<sup>st</sup> among the world's best young universities. NTU has a vibrant research ecosystem with a high proportion of early career researchers. It has a healthy environment for interdisciplinary research collaboration and the research is well funded. NTU invites outstanding early-career researchers to apply for appointment as a NTU Presidential Postdoctoral Fellow.

[APPLY NOW](#)

The NTU Presidential Postdoctoral Fellowship, aims to provide the opportunity for outstanding early career researchers from Singapore and around the world, to conduct independent investigations in any discipline at NTU. This Fellowship provides research funding over two years. There is personal development opportunities coupled with mentorship in an established research group. These conditions will empower the Fellows to strive for research excellence and impact and enable them to meet their ambitions as global research leaders.

#### PPF BENEFITS

The Presidential Postdoctoral Fellowship provides:

- A two-year tenure with a salary of SGD 80,000 per year.
- A research grant of up to SGD 100,000 per year.
- A housing grant of SGD 18,000 per year with eligibility for subsidized apartment accommodation (subject to availability)
- Relocation expenses of up to SGD 4,000 (if eligible)
- Mentorship and support in an established research group.
- Opportunity to work with faculty in mentoring graduate students.
- Exposure to the most dynamic and diverse global growth regions.

#### ELIGIBILITY CRITERIA

- Within 5 years of obtaining Ph.D. or equivalent degree
- Demonstrable intellectual excellence.
- Maturity and capacity to begin an independent research career.
- Desire and potential to develop as a future academic leader.
- Submit a thoughtful and realistic research proposal
- Be available to take up the position no later than 31 Dec 2021.

#### HOW TO APPLY

The application is open from 15 January 2021 to **15 April 2021** (Singapore Time, UTC+8).

Applications must submitted in electronic format via [NTU Online Application Portal](#).

[APPLY NOW](#)

#### Checklist

The following supporting documents have to be attached to the online application form:

1. Cover Letter
2. Comprehensive CV (with full publication list)
3. Official transcript or Degree Certificate in English (PhD's degree)
4. Research proposal (in no more than 2 pages, [template for download](#))
5. Contact information of two referees (one must be PhD Supervisor)
6. Top 3 publications (in PDF) and any other supporting documents (scanned copy)

Interested applicants are advised to have them ready before applying on-line. Late or incomplete applications will not be considered.

For more information on the Presidential Postdoctoral Fellowship 2021, please visit <http://www.ntu.edu.sg/tracs/ppf/>

Queries about the application can be directed to [ntupdf@ntu.edu.sg](mailto:ntupdf@ntu.edu.sg)



# Web of Science Author Connect

- Reach world's leading researchers from the most trusted research database – Web of Science™
- Campaign performance like 1st party data
- Dedicated and experienced Clarivate team to guide you through the process
- Multi-channel options across email, social, and ads
- GDPR Compliant



Unique 360° view of  
over 4M **available**  
researchers



Deliver across  
**multiple channels**  
and track results



**Customized targeting**  
based on unique  
campaign needs

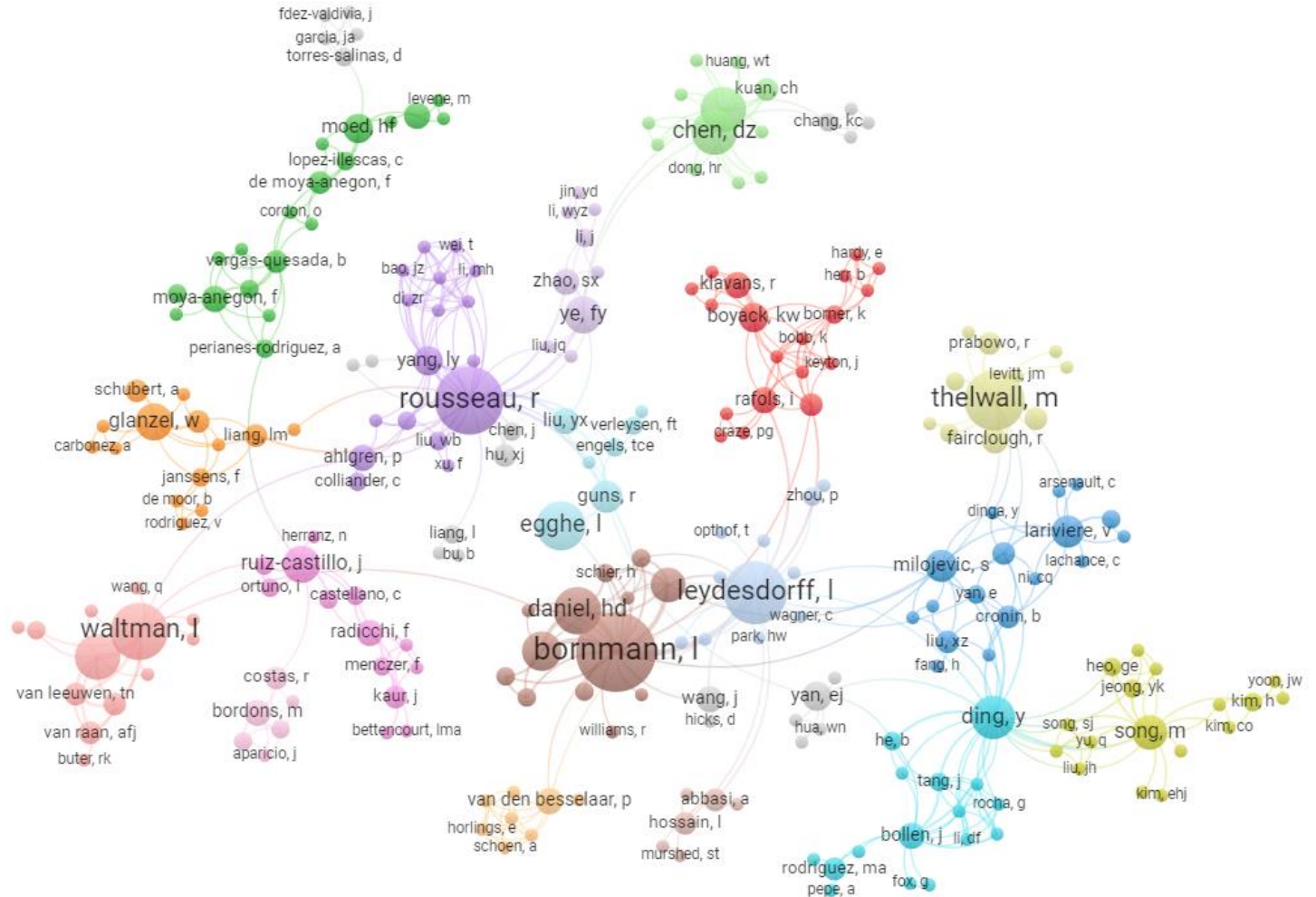


# Additional Information



## Additional Information

- Web of Science KOLs data can be exported and visualized using tools such as VOSviewer
- Export limit is 1000 records per time
- Level up and get rid of the export limit by extracting data through Web of Science APIs





## Additional Information

- Clarivate can run this work for you through our consultancy and professional services.
- The output can be a report for the top thought leaders' profiles in your area of interest.





# Köszönöm!

Tóth Szász Enikő

