

# Kutatói profilok a Web of Scienceben

Tóth Szász Enikő

2023. április

### Agenda

- 1. Evolvement of Author Search in the Web of Science
- 2. Benefits for Researchers (Why do I need this profile?)
- 3. Benefits for other internal and external stakeholders
- 4. Researcher API
- 5. How to create and manage your profile
- 6. More information

# **Evolvement of Author Search in the Web of Science**



## Author name disambiguation

Challenges of finding content for a specific author

Different authors share the same name (polysemy)

2,916,611 results from Web of Science Core Collection for:

Q wang (Author)

# The same author may publish under different names (synonymy)

Causes of authors' name synonymy:

- Different transliterations of non-English names
- ✓ Spelling errors
- ✓ Name changes and pen names
- ✓ Different versions of a personal name (full or abbreviated)

#### Most common last names in the world



Source: https://www.netcredit.com/blog/most-common-name-country/

### How to overcome those challenges?

• Author Identifyers (Researcher ID, ORCID)

• Algorithms, Al

In the Web of Science we implemented:

- Researcher ID
- ORCID (direct Feed and via Link to Researcher ID)
- Publons Profiles merge with ResearcherID -> Web of Science Researcher ID (WoS RID)
- Now: WoS RID for all authors (claimed or not)
- Former (old) Web of Science: algorithm based on 20+ datapoints created clusters of authors
- Now: Powerful algorithm based on 40+ datapoints and includes AI and feedback loop from claims. It creates
   Author Records and WoS RIDs for all authors, which can be claimed by authors and corrected by other users

# We are continuously enhancing author search options in the Web of Science

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Web of Science Before 2				
We're building the new Web of Science. Select a database Web of Science collection	Click here to access the preview			
Basic Search Author Search <sup>META</sup> Cited Reference Search Advanced Search	Search in: W. of Science Core Collection ~	From 2021		
Example: oil spill* mediterranean				
All years (1900 - 2020) More settings	All Fields    Examp  ADD ROW Advanced Search	le: Ii Clarivate Web of Science Search	Today	
			DOCUMENTS	RESEARCHERS
		<ul><li>●</li></ul>	Name Search +	
			Last Name * + Add name variant	First Name and Middle Initial(s)
				X Clear Search

### Clarivate<sup>™</sup>



## **One user-facing profile**

rivate			English	- 111
Web of Science"	Search		-	Nina Ga
Author Search > Search Results >	Jennifer Villwock profile			
	Jennifer Villwock 🔗		Metrics 😕	DASHBOAJ
	Highly Cited <sup>1</sup> Top Peer Reviewer University of Kansas - Medical Center - Kansas City, KS USA Web of Science Researcher ID: I-4189-2019 <sup>1</sup> O		Publication Metrics 7 22 H-index Total Public	ations
Published names	Villwock, Jennifer A. Villwock, Jennifer Villwock, J.A. Villwo	ck, J Show.more	184 170 Sum of Times Cited Citing Articl	65
Organizations ③	2016-2019         University of Kansas           2018-2019         University of Kansas Medical Center           2013-2015         State University of New York (SUNY) Upstate Medical Center	r Show more	VIEW CITATION REPORT	
Other Identifiers	https://orcid.org/0000-0002-1443-9432		Peer Review Metrics	
	+ See more		31 8 Verified Edit	or
PUBLICATIONS (22)	PEER REIVEW (31)		Reviews Records	
Show publications Beyond the USMLE Screening and Inte Whenck-Jensific A: C. May 2006   Journal Of So	5 Advances in Engineering Software m the Web of Science Core Collection not indexed (7) All publications  Constraints of the Staff Algorithm for Initial Residency Applicant View Sefection Kala Lenan A	VEW AS SET OF RESULTS	Authory splictures     precentle range      Precentle configuration     Author Position      Author Position      Find:     Lat     10     Corresponding     60	
Screening and Inte Villwock, Jennifer A.; ( May 2008   Journal Of Sc	rview Selection ); Sale, Keith A.		Author Network O Top Co-Authors	
Beyond the USMLE Screening and Inte <u>Villwock, Jennifer A.;</u> ( May 2008   Journal Of Sc	); <u>Sale, Keith A.</u>	2 Times Cited	Goval, Parul Villwock, Mark R. Deshairs, Fri M. Hamil, Chelsea S. Jones, Kristin A.	5 5 4 3

- Indexed and non-indexed WoS publications
- Peer reviews and editorships
- Synced ORCID
- Editable display name and affiliation
- Awards
- Comprehensive metrics dashboard
- 'Free' version publicly available



7

## **Benefits for Researchers**



## **Web of Science Researcher Profiles**

Easily track and manage your profile and all your research activities in one place.



### **Get noticed**

Get noticed by funders and potential collaborators by showcasing your work in the Web of Science



### Get notified

Receive automatic citation alerts for your papers



### Focus on research

Save time with a profile that syncs with ORCID and exports your CV with a few clicks



### Get credit

Track your publications, citation metrics, peer reviews, and journal editing work in one place



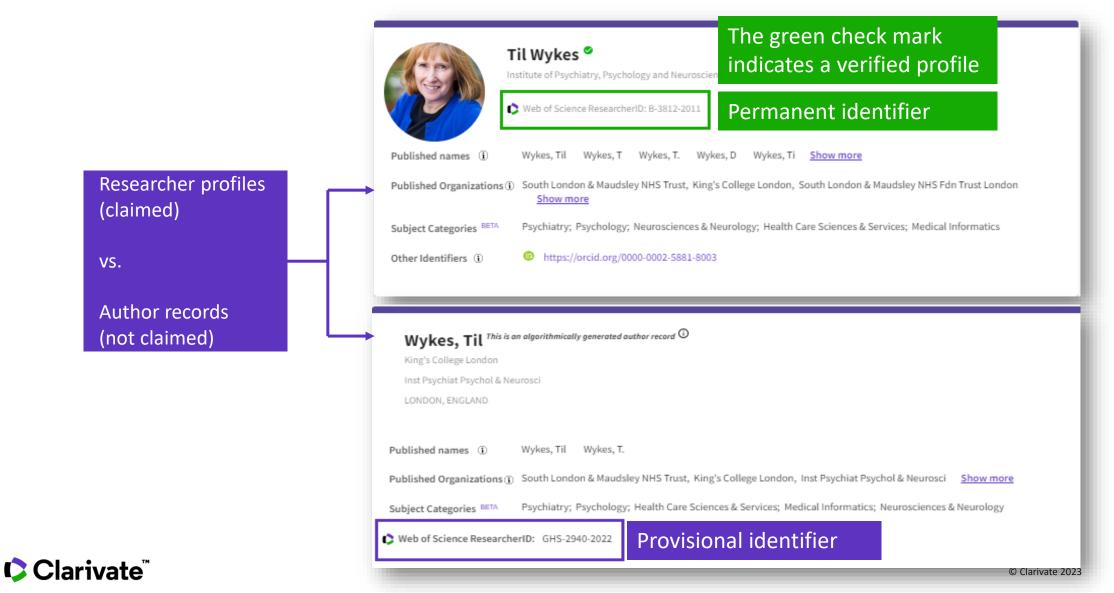
### Gain context

Put your citation impact in context with an Author Impact Beamplot visualization

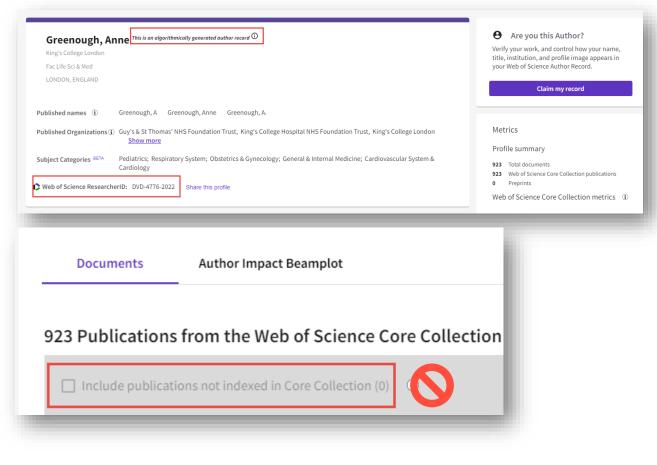


**Stand out** Display your Highly Cited Research and Web of Science Academy badges

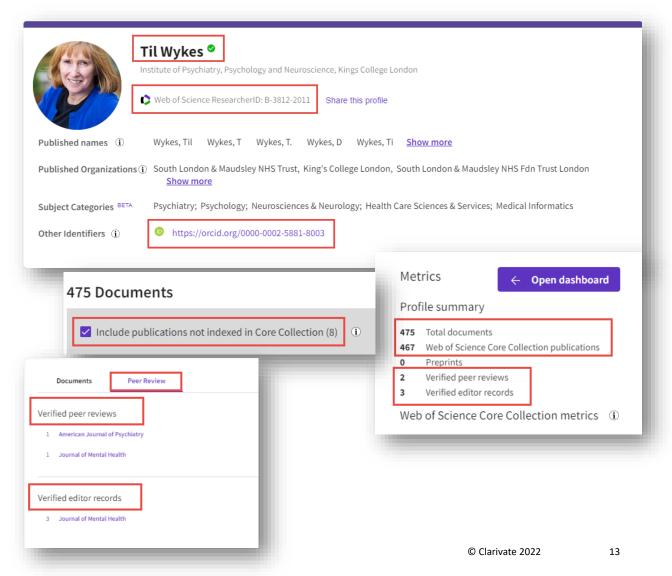
## **Researcher profiles claimed versus unclaimed**



- Unclaimed author recordss are algorithmically created
- The list of publications is not verified
- There is no connection to ORCID
- Includes only publications indexed in the Web of Science
- No co-author information
- No peer review or editor activity
- The author has no control how his/her name or institution appear on the record
- No picture upload
- No CV print functionality
- No personalized recommendations



- Showcase your verified publication list to the research community and evaluators
- Synchronize with your ORCID profile
- Control how you are presented on your profile (name, institution, picture)
- Showcase all your research activity including peer reviews , editorial board memberships, interest in peer review



- Showcase your research impact and awards
- See/show your co-authors
- Receive recommendations of researchers you may be interested in (who may you consider for cooperations, who's content should you read?)

Jennifer A. Villwock © Top peer reviewer University of Kansas School of Medicine Web of Science ResearcherID: I-4189-2019	9 Share this profile							
Published names ① Villwock, Jennifer A. Villwock, Jennifer								
Published Organizations (i) University of Kansas, State U	Published Organizations ① University of Kansas, State University of New York (SUNY) Upstate Medical Center							
Subject Categories BETA Otorhinolaryngology; Research & Expe Cardiology								
Award Prop reviewers in Clinical Medicine	Award Prop reviewers in Clinical Medicine - September 2018							
Other Identifiers () bttps://orcid.org/0000-0001-5645-	Other Identifiers () bttps://orcid.org/0000-0001-5645-4210							
You might be interested in How are recommendations generated?	Co-authors 🛈							
T. Hummel University of Paderborn Top Journal: Chemical Senses	Villwock, Mark R.6Goyal, Parul5							
Hummel, Thomas Technische Universitat Dresden Top Journal: European Archives Of Oto-rhino- laryngology	Sykes, Kevin J.     4       Chiu, Alexander S.     4							
See more authors V	Deshaies, Eric M. 4							

14

- View a full metrics Dashboard
- Peer review metrics (show your reviewer activity, indicate your availability to review on your profile)
- Geographic Citation map (showcase your global impact)



Clarivate<sup>™</sup>

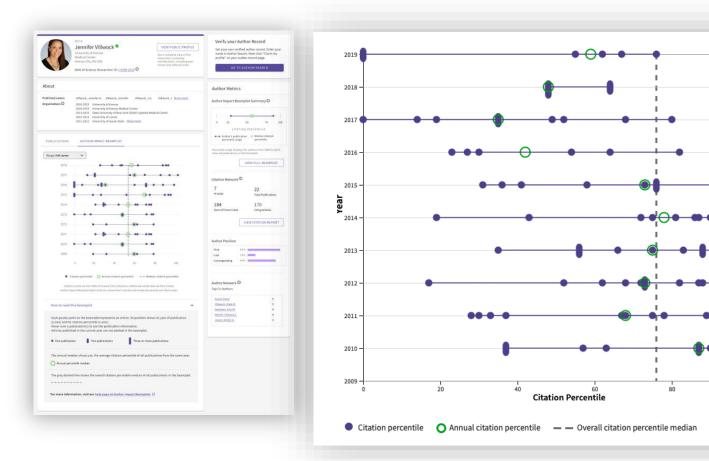
author		.am, Hak-Keung) P Highly cited ing's College London Web of Science Researcheri	D: C-1140-2014 Share this p	rofile		Get your own verified author record. Enter your name in Author Search, then click "Claim My Record" on your author record page. Go to author search
< Close full metrics dashboard	Published names (1) Published Organizations(1) Subject Categories BETA	Kings Coll London, King's	H. K. Lam, HK Lam, Hak College London, City Univ Ho eering; Automation & Control	ng Kong <u>Show more</u>		Metrics Profile summary
Metrics Dashboard	Awards		her in the field of Engineering her in the field of Engineering			432 Total documents 431 Web of Science Core Collection publications 0 Preprints 137 Verified peer reviews
Citation counts are from Web of Science Core Callection.           431         13,334         61           Publications in Sum of Times         H-Index           Times Cited and Publications Over Time         10	Other Identifiers (j)	• https://orcid.org/000	Peer Review Metrics 137 Verified Peer Reviews Median: 4 99th percentile	5 Verified Peer Reviews (Last 12 Months) Median: 1 88th percentile	0.3:1 Peer Review to Publication Ratio Median: 0.4:1	ified editor records
Publication — Crators	2000 1500 1500 500 0		Reviews Per Month v			
Author Impact Beamplot Ranger Recent 10 Years			4			
✓ Open Filters >	• • • • • • • • • • • • • • • • • • •		Average Review Length		9 di	
Gitation percentile     Annual citation percentile      Overall citation percentile median ()				Lam	All reviewers King's Colleg	pe London 15

H.K. Lam <sup>©</sup>

Verify your Author Record

## **Author Impact Beamplots**

A first step towards a more responsible research evaluation



 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 to support the story of your career.

100

Learn more in the ISI whitepaper, video and guide

# Explore global impact

Geographic Citation Map

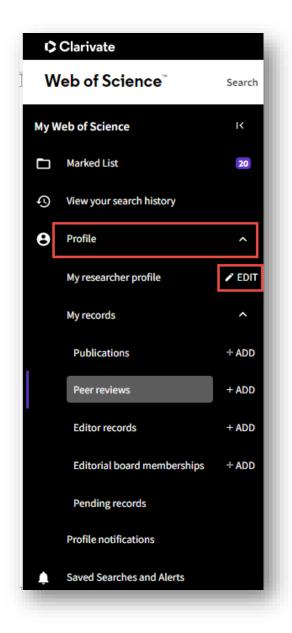
- View the distribution of your citations across the globe.
- Demonstrate the international reach and impact of your research articles.
- Interactive visualization to explore the affiliations of authors that are building on your research



### Clarivate<sup>™</sup>

## Why should I claim and manage my author record?

- Opt for automated updates of your author record whenever a new publication enters the Web of Science
- Edit your profile for preferred name variants and primary organization
- Enter your ORCID ID and setup desired synchronization options
- Enter your interests of research to receive appropriate recommendations
- Receive conference recommendations from PivotRP for conferences you might be interested in attending
- Enter your interest to peer review to show your availability to partner journals



### **More benefits**



Monitor the influence of your papers with automated, weekly email alerts notifying you of *new articles citing your work*.

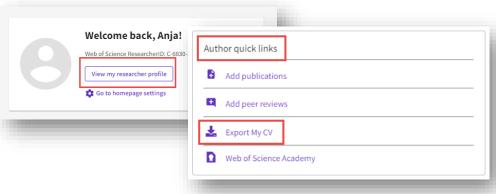
# Profile publication and citation alerts

- Follow colleagues, collaborators, and researchers of interest and get notified when they publish new papers via monthly email alerts.
- Keep track of developing connections in your network with weekly email alerts showing who cited the work of researchers you follow.

*C* 

# Quick Links from the Web of Science personalized homepage

- Access your Profile and metrics dashboard directly from your personalized homepage
- Quickly export your CV



# New: Auto-Updates for Researcher Profiles



# Publications can now be automatically added to claimed profiles

Web of Science <sup>®</sup> Search Ma	rked List 🕶 History Alerts 🕑 R	hys demo ~
My publication records	+ Add publications	
Refine results Quick filters	265 publications with 4215 citations from the Web of Science Core Collection. Sort by: Date: newest first < <	1 of 6 >
Web of Science Core Collection manuscripts Automatically added manuscripts Journals	Auto-addes Mammographic texture features associated with contralateral breast cancer in the WECARE Study 2021-11-29   Npj Breast Cancer	3 Citations Delete
Search	A preliminary study of the effects of mindfulness-based cognitive therapy on structural brain networks in mood-dysregulated youth with a familial risk for bipolar disorder. 2021-11-22   Early Intervention in Psychiatry	Not Indexed
Title During Period	Altered single-subject gray matter structural networks in drug-naive attention deficit hyperactivity disorder children 2021-11-19   Human Brain Mapping	Not Indexed
Start to End Filter	Injury Trends in Irish Amateur Rugby: An Epidemiological Comparison of Men and Women Associated author: Harrison, Andrew J. 2021-11-01   Sports Health-a Multidisciplinary Approach	3 Citations Delete
Min to Max Filter	Data-driven clustering differentiates subtypes of major depressive disorder with distinct brain connectivity and symptom features	Not Indexed

Insert footer

## Key features

- **Every profile is auto-enrolled to receive auto-updates to their profile.** This way we can ensure that profiles that require an update do get it, without requiring users to opt in.
- Auto-addition will only work on profiles already containing Core Collection publications

The matching algorithm relies on CC article metadata

- Only Core Collection publications and Preprints will be added automatically.
- Auto-addition to a profile will not be instantaneous. Our algorithm works in increments. It may be a few days before a paper is auto-added to a profile after it is indexed.
- Users will receive an email notifying the of the publication(s) that has been added.

From that email they can easily navigate to their publications page and reject any that aren't theirs.

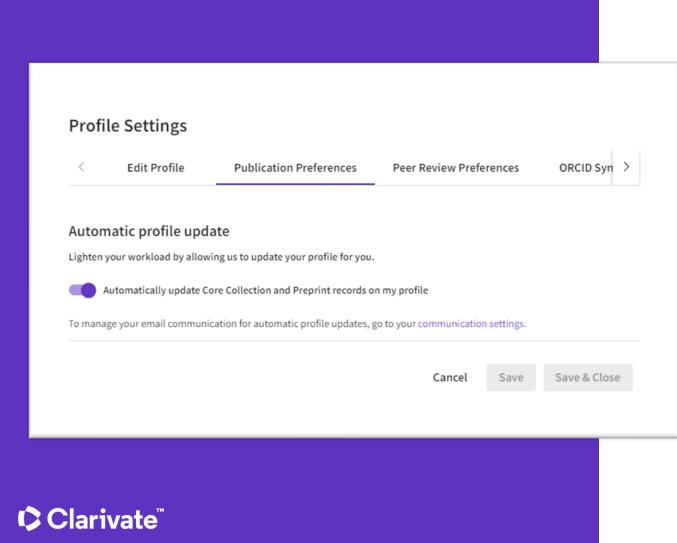
...continued.



How does it work?

- Auto-added publications are considered claims, not suggestions. We want to save users time and work on the basis that we will largely get the additions right.
- Publications the researcher has claimed cannot be auto-removed.
- Publications the researcher has previously rejected cannot be auto-added.
- An auto-added publication cannot be auto-removed and added to another profile.
- It's not just for newly published content.

Whilst the main purpose is to keep profiles up to date going forward, initially this will instantly clean up a lot of out of date or misaligned profiles.



# Users can toggle their enrollment from their profile settings page

#### Earlier this month

- Profile owners saw the toggle to opt in/out of auto updates in their profile settings page
- Every profile owner was enrolled in auto updates automatically unless they opted out
- Profile owners had 24 hours to opt out if they wished, afterwards loading of content in profiles started
- It takes up to 5 days for users to see all their publications on their profiles

#### Insert footer

# **Profile owners** will be informed by email when publications are added

Web of Scie	nce		
Greetings Nin We have added 3 r	a Gracia! new publications to your profile since Janu	uary 1st 2023.	View your publications
Barriers Towards	he Implementation of E-portfolio in Ed	lucation Based on the Diff	fusion of Innovation Theory
		earch)	



	Clarivate	Englis	h ∽                                   Products
We	eb of Science <sup>™</sup> Search		😝 Nandhini V 🗸
>I MENU	Mu muhlimation vocando 🗔		
Ľ	My publication records +	dd publications	
Q			
0	Refine results	26 publications with 151 citations from the Web of Science Core Collection. Sort by: Date: newest first 👻	< _1_ of 1 >
¢	Quick filters       Web of Science Core Collection publications       Automatically added	Prototypage rapide d'applications d'imagerie médicale exploitant un casque de réalité virtuelle 2017-03-01   Recherche en Imagerie et Technologies Pour la Santé	Not Indexed Delete
	Journals Search Q	Utilisation d'un moteur de développement de jeux video pour le développement d'une application basique d'imageri médicale 2017-03-01   Recherche en Imagerie et Technologies Pour la Santé	Delete
	Title	Intimai flap segmentation on CTA aortic dissection images based on mathematical morphology 2013-12-16   International Conference on BioMedical Engineering and Informatics	Not Indexed

# Auto-added publications can be filtered in My Publications page

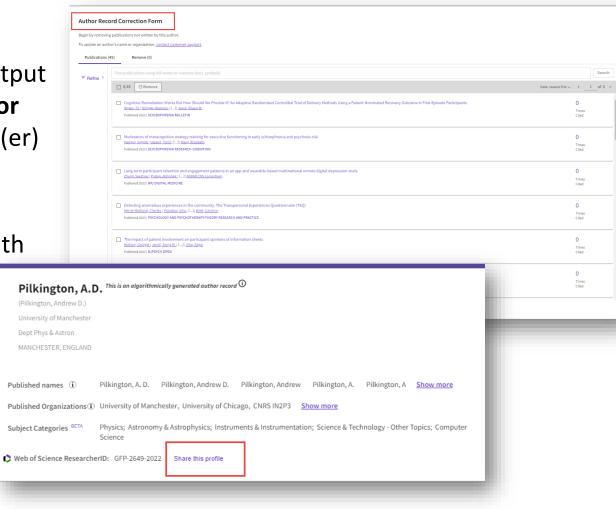


# Benefits of WoS Researcher Profiles for internal and external stakeholders



## **Benefits of Author Records (unclaimed)**

- Administrators, librarians and anyone knowing the author's output can request corrections to author records helping to provide clean(er) data for the evaluation of your institution's output
- Author records can be shared with anyone (even with no access to of Science)



# Web of Science Researcher Profiles are widely visible, even to non-subscribers



### **Different Views of the WoS Researcher Profile**

Unregistered access	Registered access (without subscription)	Web of Science Core Collection subscriber access
<ul> <li>If you do not have a subscription to the Web of Science you can <i>view a</i> <i>free version</i> of a researcher's profile. This includes:</li> <li>Researcher information (profile picture, name, institution, awards)</li> <li>Web of Science Researcher ID</li> <li>Peer reviews, grant reviews, editorial board memberships.</li> <li>Publication metrics (h-index, citing articles count, sum of times cited, peer review count)</li> <li>Publication and peer review charts</li> </ul>	<ul> <li>Even without a subscription to WoS, you can register for a Web of Science Account to benefit from additional profile features:</li> <li>Create your own Web of Science Researcher Profile.</li> <li>Use Researcher Search to discover other profiles.</li> <li>View other researcher's full publication lists.</li> </ul>	<ul> <li>Subscribers see the full version of researcher profiles, including the following additional features:</li> <li>Use Researcher Search to search across all profiles plus Author Records, covering all of the Core Collection back to 1900.</li> <li>Co-author network</li> <li>Author position analysis</li> <li>Citation Report</li> <li>Profile export (for your own profile)</li> <li>Web of Science Author Impact Beamplots</li> <li>Geographic citation map</li> </ul>

### **Benefits of Researcher Profiles**



#### Funders

- Evaluate Researchers by their full career lengths and normalized research impact
- Identify potential grant reviewers



#### **Research evaluators**

- Author records and Researcher Profiles feed InCites Benchmarking and Analytics (ICBA)
- Assess and compare leading researchers by institution, region, subject area, etc using the normalized indicators in ICBA



#### Publishers

- Identify leading researchers and see their normalized research impact and career lengths
- Identify potential peer reviewers



## **Researcher Evaluation in InCites Benchmarking and Analytics with new indicators**

Times Cited without Self-Citations and H-Index without Self-Citations

Person Name	Web of Science Documents +	Affiliation	Times Cited	Times Cited without Self Citations	H-Index	H-Index without Self-Citations
× Potter, Ross W. K.	20	Clarivate +8 affiliation(s)	383	342	10	10
× Schnell, Joshua	20	Clarivate +1 affiliation(s)	1,536	1,531	11	11
× Szomszor, Martin	16	Clarivate +4 affiliation(s)	230	225	10	10

- Disambiguated Web of Science Author Records *enable new indicators* for assessment.
- Include self-citation indicators in a multifaceted evaluation of an individual's research.

# Highlight your contribution to the innovation process

**Citations From Patents indicator** 

Person Name ····	Web of Science Documents +	Affiliation	Times Cited	Category Normalized Citation … Impact	Citations From Patents
× Potter, Ross W. K.	20	Clarivate +8 affiliation(s)	383	1.14	1
🗙 Schnell, Joshua	20	Clarivate +1 affiliation(s)	1,536	2.08	4
🗙 Barr, Shivanjali Joshi -	19	Clarivate +5 affiliation(s)	977	1.45	11
× Szomszor, Martin	16	Clarivate +4 affiliation(s)	230	1.9	0
× Ivliev, Alexander	12	Clarivate +7 affiliation(s)	364	0.93	1
🗙 Oberoi, Kinsi	9	Clarivate +3 affiliation(s)	21	0.16	0
× Rollins, Jason	6	Clarivate	168	2.64	1

 Demonstrate the influence of your work on commercialized research.



## **Researcher API**



### **Researcher API**

- Populate your systems with accurate researcher data from the Web of Science
- Easily extract researcher details to support internal assessments and reporting needs
- Showcase your expertise to external partners and collaborators.
- Find all details here: <u>https://developer.clarivate.com/</u> <u>apis/wos-researcher</u>

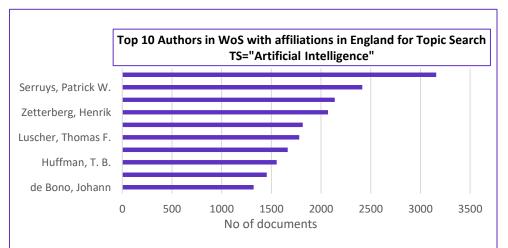
### • Find all de

### Clarivate<sup>™</sup>

### Web of Science Researcher data for your BI tools

- Find all claimed profiles or author identifiers for authors at your institution
- Query by Topic and/or Country to find Key Opinion Leaders

total	rid	fullName	primaryAffiliation	hindex	document	sCount	totalTime
lotai	nu	Tulinallie	prinaryAnnation	mindex	count	self	Cited
1873	F-7709-2012	Walton, Heather A	King's College London	10	16	/research	142
	AAT-6914-2020	Saunders, Max	King's College London	4	43	/research	5
	B-5624-2009	Beavil, Andrew J	King's College London	24	33	/research	215
	AAD-6448-2022	Modinos, Gemma	King's College London	25	112	/research	242
	AAX-7887-2020	Dimitrova, Ralica	King's College London	14	16	/research	175
	B-8848-2008	Simmons, Andrew	King's College London	90	324	/research	2715
	C-1315-2011	David, Anthony S	King's College London	3	7	/research	3





# Köszönöm!

Tóth Szász Enikő

© 2021 Clarivate. All rights reserved. Republication or redistribution of Clarivate content, including by framing or similar means, is prohibited without the prior written consent of Clarivate. Clarivate and its logo, as well as all other trademarks used herein are trademarks of their respective owners and used under license.