

# Literature Searching

## Part 2: Databases – Advanced features (slides not used in workshop)

**Eleni Borompoka & Susan McCourt**

**Researcher Development Programme 2019/20 – February**



# Scopus & Web of Science: Advanced features



# Advanced features

- Vary from one database to the next
- Generally require a personal account (look for Register/Sign In, or as part of Institution/Shibboleth login)
- Can be time effective and impressive
  - Save complicated search searches to run when you want
  - Alerts – get information on new items pushed to you
  - Citation Alerts – keep on top of what your supervisor is publishing (and who is citing it!), and who is citing your papers
  - Easy export to RefWorks or similar reference management software
- See video tutorials by database providers for more detail
- May offer additional workshops in 20/21 which will cover individual databases/platforms (and extra features)



# Scopus: Advanced features

(Not covered in workshop)





Susan McCourt  
s.mccourt@abdn.ac.uk

Dashboard

Saved searches

Alerts

Saved lists

Export and reference management settings

Privacy center ↗

View account

Sign out

Customer S

Help

Contact us

る

**Scopus: Extra features under you personal account (your initials!)**



# Saved searches

+ Create new saved search

Combine queries...

e.g. #1 AND NOT #3



| ID  | Name                             | Query   | Documents | Date last run | Actions |
|-----|----------------------------------|---|-----------|---------------|---------|
| #47 | rural polic pluriactiv           | ( TITLE-ABS-KEY ( "rural polic*" ) AND TITLE-ABS-KEY ( pluriactiv* ))   | 12        | 28 Jan 2020   |         |
| #46 | geography year 3 - 2             | (( TITLE-ABS-KEY ( "agricultural polic*" OR "rural polic*" ) AND TITLE-ABS-KEY ( diversif* OR pluriactiv* ))) AND ... <a href="#">View More</a> | 89        | 21 Jan 2020   |         |
| #45 | geography year 3 - 1             | ( TITLE-ABS-KEY ( "agricultural polic*" OR "rural polic*" ) AND TITLE-ABS-KEY ( diversif* OR pluriactiv* ))                                     | 479       | 21 Jan 2020   |         |
| #44 | hydraulics Hydraulics since 1980 | TITLE-ABS-KEY ( hydraulics ) AND ( LIMIT-TO ( EXACTKEY WORD , "Hydraulics" )) AND ( LIMIT-TO ( PUBYEAR , 20 ... <a href="#">View More</a>       | 46,683    | 26 Aug 2019   |         |

**Complex search strategy, or something you regularly check?**

**Save your search**

**Re-run it whenever you want (Example shown = Scopus)**



Sun 29/10/2017 14:46

Scopus <scopus@notifications.elsevier.com>

Scopus - Search Alert, "wind farm\*"

To McCourt, Susan M.

**i** This item will expire in 29 days. To keep this item longer apply a different Retention Policy.  
If there are problems with how this message is displayed, click here to view it in a web browser.  
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

[Unsubscribe](#)

[+ Get more a](#)

# Scopus

## Search Alert: "wind farm\*"

Your search alert called ""wind farm\*" " has found 13 new results.

13 shown

[View all new results in Scopus](#)


|    | Document Title   | Authors                                      | Year | Source  |
|----|--|--|------|---|
| 1. | <a href="#">Simulation of wind farm scheduling algorithm based on predictive model control</a> | Luo, Z., Wei, S., Chai, Y., Liu, Y., Sun, Y. | 2018 | Lecture Notes in Electrical Engineering, 460, pp. 581-591 |

# Scopus - Follow Affiliation Alert, University of Aberdeen

 Scopus <scopus@notification.elsevier.com>(Scopus via notification.elsevier.com)  
To: McCourt, Susan M.

[↩ Reply](#) [↶ Reply All](#) [→ Forward](#) [⋮](#)

Mon 03/02/2020 18:12

 If there are problems with how this message is displayed, click here to view it in a web browser.  
The actual sender of this message is different than the normal sender. Click here to learn more.

**CAUTION:** Do NOT click on links in email. The University is in a heightened security state.

## Scopus

### Affiliation Alert: University of Aberdeen

Your affiliation alert called "University of Aberdeen" has found 74 new results.

| Row Number | Document Title   | Authors  | Year | Source  |
|------------|--|--|------|---|
| 1.         | <a href="#">Transcriptional responses of <i>Candida glabrata</i> biofilm cells to fluconazole are modulated by the carbon source</a> | Alves, R., Kastora, S.L., Gomes-Gonçalves, A., (...), Henriques, M., Paiva, S. | 2020 | <i>npj Biofilms and Microbiomes</i> , 6(1), art. no. 4. |
| 2.         | <a href="#">Induced fault reactivation by thermal perturbation in enhanced geothermal systems</a>                                    | Gan, Q., Lei, Q.   | 2020 | <i>Geothermics</i> , 86, art. no. 101814.               |
| 3.         | <a href="#">Clustering leads to underestimation of numerosity, but crowding is not the cause</a>                                     | Chakravarthi, R., Bertamini, M.  | 2020 | <i>Cognition</i> , 198, art. no. 104195.                |
| 4.         | <a href="#">Efficacy and predictors of recovery of function after eye movement training in 296 hemianopic patients</a>               | Sahraie, A., Cederblad, A.M.H., Kenkel, S., Romano, J.G.                       | 2020 | <i>Cortex</i> , 125, pp. 149-160.                       |



**Who is citing papers published by your supervisor (or by you!)?**

**Set up an Author Citation Alert (Scopus & WoS)**

**Example is from Scopus: in the week to end X Scopus reported X papers citing Y papers published by Prof John Parnell**

**Highest number in a week, so far, has been 16 for this member of academic staff, with weekly minimum often around 3**

# Author details

# Publication information and benchmarking tools

The Scopus Author Identifier assigns a unique number to groups of documents written by the same author via an algorithm that matches authorship based on a certain criteria. If a document cannot be confidently matched with an author identifier, it is grouped separately. In this case, you may see more than 1 entry for the same author.

Parnell, John P.

University of Aberdeen, School of Geosciences Aberdeen, United Kingdom

Author ID: 7102065231

Documents: 295

Citations: 3784 total citations

h-index: 30

Co-authors: 150 (maximum 150)

Subject area: Earth and Planetary Sciences

295 Documents | Cited by 2

295 documents View all in

Export all to RefWorks

Print | Email

About Scopus Author Identifier | View potential author matches

Other name formats: Parnell, John  
Parnell, J.  
PARNELL, JOHN  
View More

Follow this Author Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID

Request author detail corrections

## Author details

Skakle, Janet M.S.

University of Aberdeen, Department of Chemistry, Aberdeen, United Kingdom

Author ID: 7006614993

Documents: 222

Citations: 2612 total citations by 2125 documents

h-index: 25

Co-authors: 150 (maximum 150 co-authors can be displayed)

Subject area: Physics and Astronomy, Biochemistry, Genetics and Molecular Biology View More

222 Documents | Cited by 2125 documents | 150 co-authors

222 documents View all in search results

Export all to RefWorks | Save

Print | Email

About Scopus Author Identifier | View potential author matches

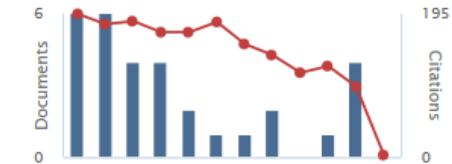
Other name formats: Skakle, Jan  
Skakle, J.  
Skakle, J. M.S.  
View More

Follow this Author Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID

Request author detail corrections



## Author details

Einstein, Albert

Institute for Advanced Studies, Princeton, United States

Author ID: 22968279600

Documents: 102

Citations: 19007 total citations by 16605 documents

h-index: 38

Co-authors: 37

Subject area: Physics and Astronomy, Mathematics View More

102 Documents | Cited by 16605 documents | 37 co-authors

Print | Email

About Scopus Author Identifier | View potential author matches

Other name formats: EINSTEIN, A.  
Einstein, A.

Follow this Author Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID

Request author detail corrections

### Author History

Publication range: 1901 - 1953

References: 0

#### Source history:

Physical Review View documents  
Zeitschrift für Physik View documents  
The Journal of the International College of Surgeons

Sort on: Date Cited by

Several years ago the h-index for Prof Albert Einstein was 17. But improved recording, and use of older papers, has impacted on the figure

# Author details

✓ Your Author citation alert has been created. You can view your alerts on the [Alerts Page](#).

## Parnell, John P.

[View potential author matches](#)

Author ID: 7102065231 ⓘ

Affiliation(s): ⓘ

University of Aberdeen, Aberdeen, United Kingdom [View more](#) ▾

Other name formats: [Parnell, John](#) [Parnell, J.](#) [PARNELL, JOHN](#) [Parnell, J. P.](#) [PARNELL, J.](#)

Subject area: [Earth and Planetary Sciences](#) [Environmental Science](#) [Physics and Astronomy](#) [Engineering](#) [Agricultural and Biological Sciences](#) [Energy](#) [Chemistry](#) [Biochemistry, Genetics and Molecular Biology](#)  
[Materials Science](#) [Multidisciplinary](#) [Chemical Engineering](#) [Immunology and Microbiology](#) [Mathematics](#) [Medicine](#)

### Profile actions

[Edit author profile](#)

[Connect to ORCID](#) ⓘ

[Alerts](#)  
[Set citation alert](#)  
[Set document alert](#)

[Save to author list](#)

[Learn more about Scopus Profiles](#) ↗

Documents by author

339

[Analyze author output](#)

Total citations

4981 by 3353 documents

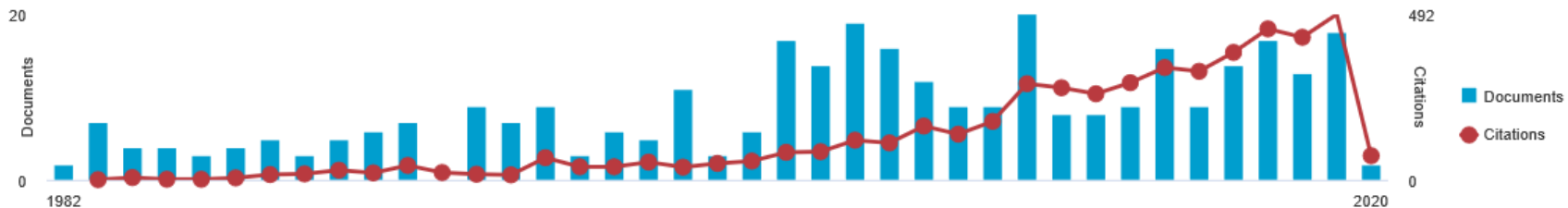
[View citation overview](#)

*h*-index: ⓘ

35

[View \*h\*-graph](#)

Document and citation trends:



[John P. Parnell](#) ↗

339 Documents

[View Mendeley profile](#) ↗

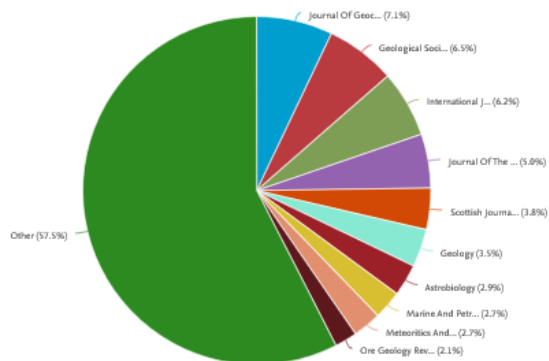
Who is citing papers published by your supervisor (or by you!)?  
Set up a Citation Alert (Scopus & WoS)

# Analyze author output

**Parnell, John P.**  
University of Aberdeen, Aberdeen, United Kingdom  
Author ID:7102065231

| Source                                 | Documents |
|--|-----------|
| Journal Of Geochemical Exploration     | 24        |
| Geological Society Special Publication | 22        |
| International Journal Of Astrobiology  | 21        |
| Journal OfThe Geological Society       | 17        |
| Scottish Journal Of Geology            | 13        |
| Geology                                | 12        |
| Astrobiology                           | 10        |
| Marine And Petroleum Geology           | 9         |
| Meteoritics And Planetary Science      | 9         |
| Ore Geology Reviews                    | 7         |

Documents by source



339

by type

by year

by subject

Click on cards below to see additional data.

**h-index** 35

**Citations** 4,981

**150 co-authors**

| Author Name             | Co-authored Documents |
|-------------------------|-----------------------|
| Bowden, Stephen A.      | 57                    |
| Boyce, Adrian J.        | 29                    |
| Cockell, Charles Seaton | 25                    |
| Baron, Martin J.        | 20                    |
| Bullock, Liam A.        | 19                    |

# Analysis of papers indexed in Scopus as authored by Prof John Parnell (Geosciences)

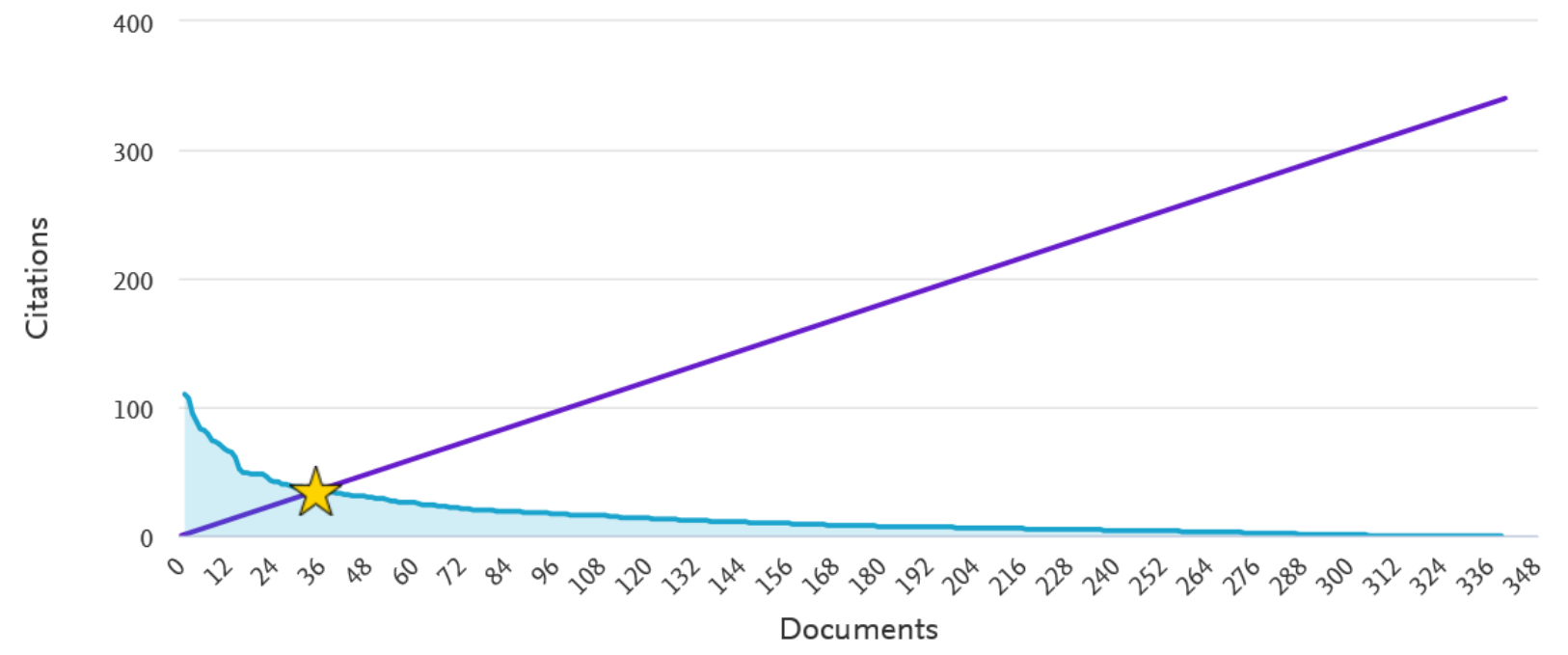
Documents ↓ Citations ↓ Title ↓

| Rank | Citations | Title                     |
|------|-----------|---------------------------|
| 1    | 110       | Searching for life on ... |
| 2    | 107       | Groundwater activity...   |
| 3    | 95        | Impact-generated hy...    |
| 4    | 89        | The use of integrate...   |
| 5    | 83        | Weighing the deep c...    |
| 6    | 82        | Methane-related aut...    |
| 7    | 79        | Organic matter and ...    |
| 8    | 74        | A case study of impa...   |
| 9    | 73        | Raman spectroscopic...    |

### This author's *h*-index

35



The *h*-index is based upon the number of documents and number of citations.










Searching for life on Mars: Selection of molecular targets for ESA's Aurora ExoMars mission [Back to article](#)  
(2007) Astrobiology, 7(4), pp. 578-604

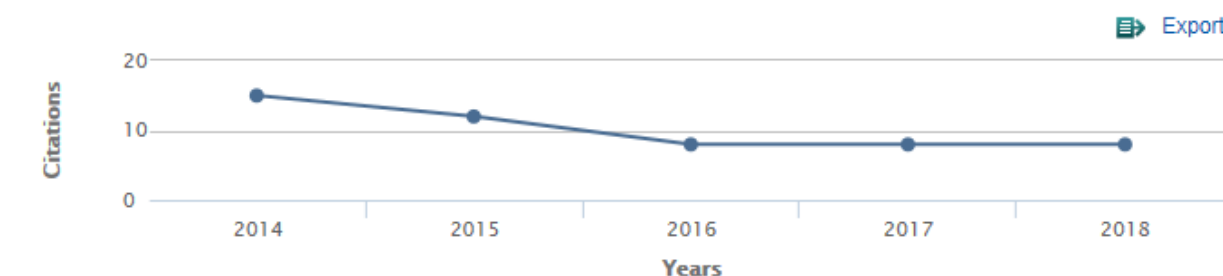
## Scopus Metrics [?](#)

Citation Count   
**104**  
Cited by in Scopus 

Field-Weighted Citation Impact   
**3.45**  


Citation Benchmarking   
96th percentile   
Compared to Agricultural and Biological Sciences articles of same age and document type 

## Cited by



**104 Citations**  
Date range:  to   
 Exclude self citations  
 Exclude citations from books  
Edit the data for this graph.

## Benchmarking [?](#)

Measures of activity relative to specific research domains, based on cited by in Scopus

Compared to  articles of the same age and doc

All Citations  96 TH PERCENTILE

**Scopus has various metric indicators and citation count displays for individual papers**

# Web of Science: Advanced features



**Results: 246**  
*(from Web of Science Core Collection)*

You searched for: AUTHOR: (skakle) ...More

Create an alert

Sort by: Date ▾ Times Cited Usage Count Relevance More ▾

◀ 1 of 5 ▶

Select Page

**Analyze Results**

**Create Citation Report**

**Refine Results**

Search within results for...

Filter results by:

1. **Hexagonal perovskite derivatives: a new direction in the design of oxide ion conducting materials**

By: Fop, Sacha; McCombie, Kirstie S.; Wildman, Eve J.; et al.  
 CHEMICAL COMMUNICATIONS Volume: 55 Issue: 15 Pages: 2127-2137 Published: FEB 21 2019

Times Cited: 4  
*(from Web of Science Core Collection)*

2. **Relationship between the Crystal Structure and Electrical Properties of Oxide Ion Conducting Ba<sub>3</sub>W<sub>1.2</sub>Nb<sub>0.8</sub>O<sub>8.6</sub>**

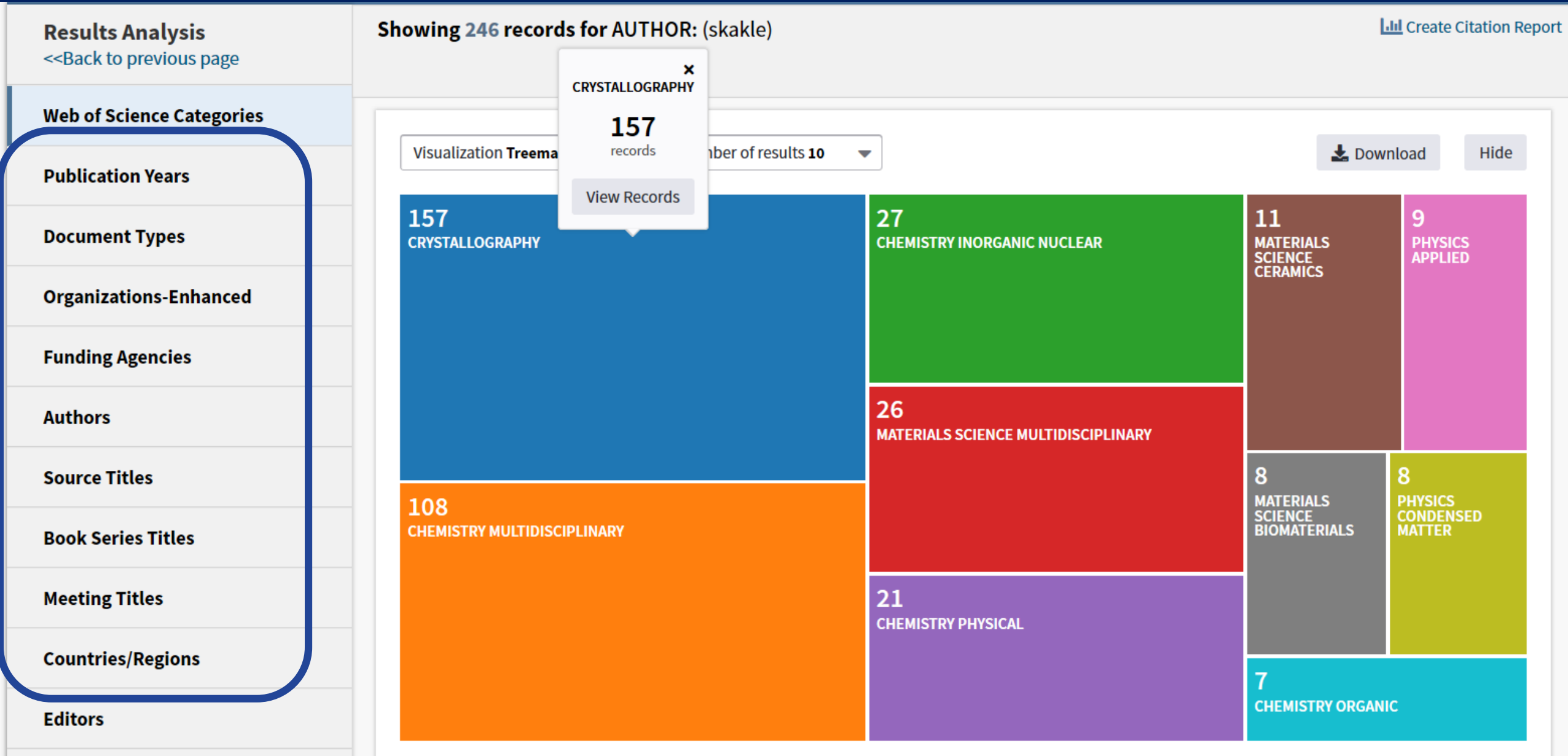
By: McCombie, Kirstie S.; Wildman, Eve J.; Ritter, Clemens; et al.  
 INORGANIC CHEMISTRY Volume: 57 Issue: 19 Pages: 11942-11947 Published: OCT 1 2018

Times Cited: 4  
*(from Web of Science Core Collection)*

# WoS features: Create Citation Report, Analyze Results

# WoS: **Analyze Results** option - a “new intuitive visual analysis experience”.

## Visualise by Treemap (as below), or in Bar graph



**Languages**

**Research Areas**

**Grant Numbers**

**Organizations**

Sort by **Record count** Show **25** Minimum record count **1** **Update** [How are these totals calculated?](#)

Select records to view, or exclude. Choose "View records" to view the selected records only or "Exclude records" to view the unselected records only.

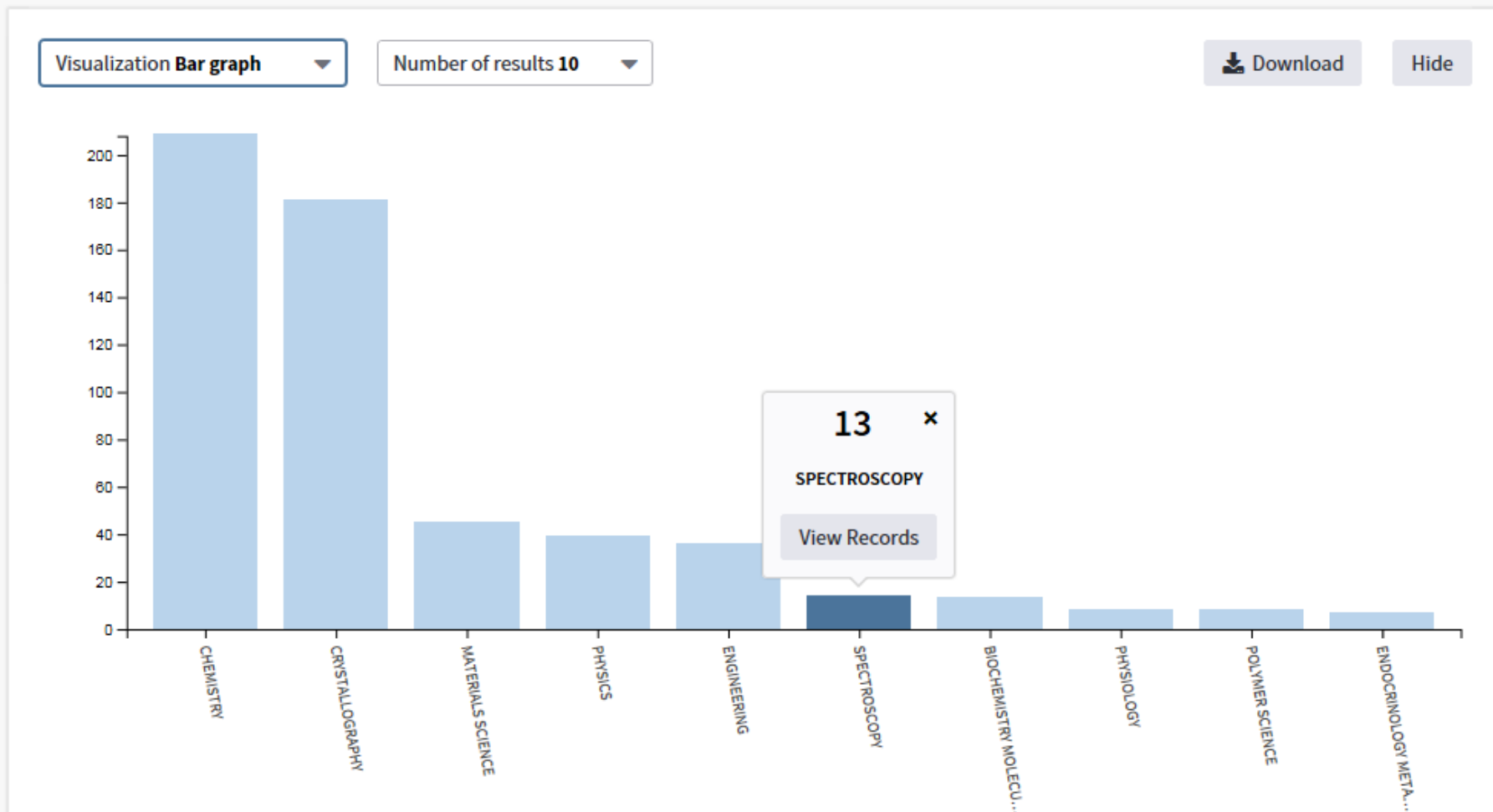
| Select                   | Field: Web of Science Categories    | Record Count | % of 246 | Bar Chart |
|--------------------------|-------------------------------------|--------------|----------|-----------|
| <input type="checkbox"/> | CRYSTALLOGRAPHY                     | 157          | 63.821 % |           |
| <input type="checkbox"/> | CHEMISTRY MULTIDISCIPLINARY         | 108          | 43.902 % |           |
| <input type="checkbox"/> | CHEMISTRY INORGANIC NUCLEAR         | 27           | 10.976 % |           |
| <input type="checkbox"/> | MATERIALS SCIENCE MULTIDISCIPLINARY | 26           | 10.569 % |           |
| <input type="checkbox"/> | CHEMISTRY PHYSICAL                  | 21           | 8.537 %  |           |
| <input type="checkbox"/> | MATERIALS SCIENCE CERAMICS          | 11           | 4.472 %  |           |
| <input type="checkbox"/> | PHYSICS APPLIED                     | 9            | 3.659 %  |           |

**WoS: Analyze Results option - tabular information**



# WoS: Analyze Results option - same data presented as a Bar graph

- Research Areas
- Publication Years
- Databases
- Document Types
- Authors
- Authors - Chinese
- Countries/Regions
- Countries/Regions - Chinese
- Source Titles
- Source Titles - Chinese
- Meeting Titles
- Group/Corporate Authors



# WoS: Analyze Results option – author's papers by publication year, in a Bar graph

Web of Science



Results Analysis

<<Back to previous page

Web of Science Categories

Publication Years

Document Types

Organizations-Enhanced

Funding Agencies

Authors

Source Titles

Book Series Titles

Meeting Titles

Showing 246 records for AUTHOR: (skakle)

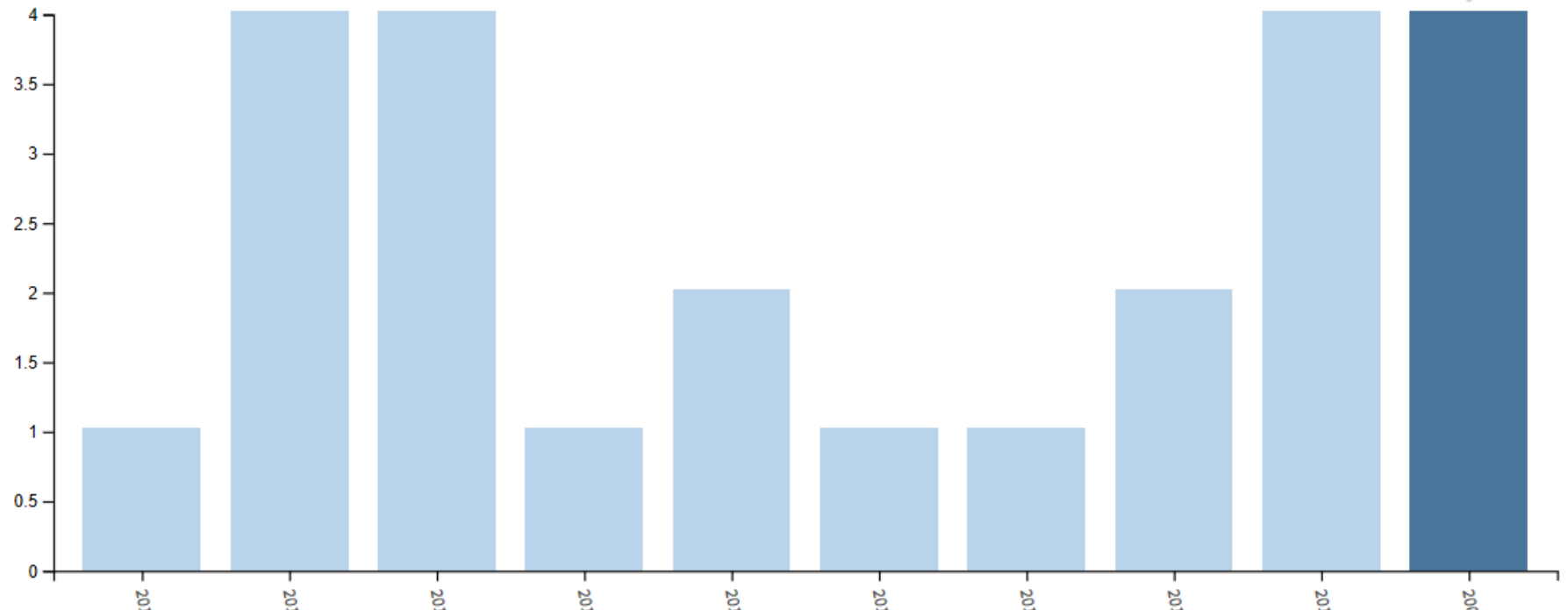
[Create Citation Report](#)

Visualization **Bar graph**

Number of results **10**

Download

View Records



Export to EndNote online



Add to Marked List



Create Citation Report



Analyze Results

Crystalization of  $Ba_3Mo_{1-x}Nb_{1+x}O_{8.5-x/2}$ : The Relationship between  
Structural Distortion and the Ionic Conductivity of  $Ba_3MoNbO_{8.5}$

Author: Janet M. S.; et al.

Volume: 58 Issue: 17 Pages: 10505-10512 Published: SEP 4 2017

Times Cited: 0

(from Web of Science Core  
Collection)

Usage Count

Relationship between the Structure and Conductivity of the Novel Oxide Ionic

Author: John T. S.; et al.

Volume: 29 Issue: 9 Pages: 4146-4152 Published: MAY 9 2017

Times Cited: 1

(from Web of Science Core  
Collection)

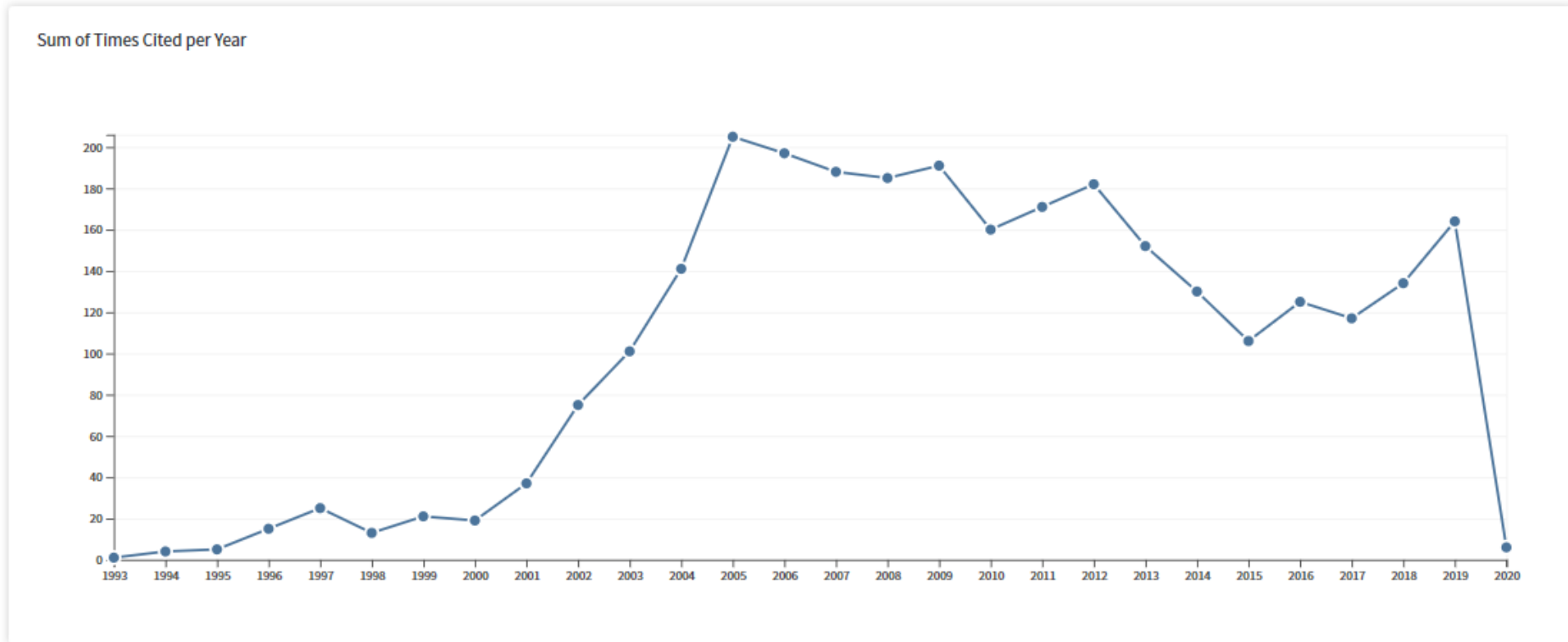
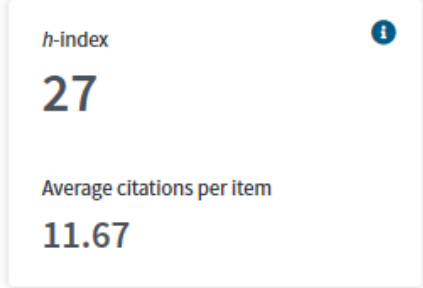
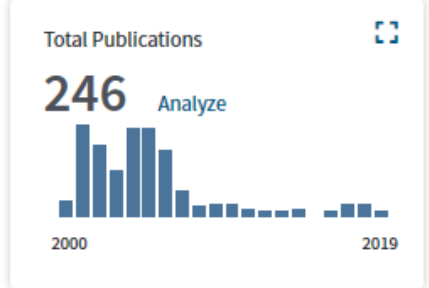
Usage Count

WoS: a **Citation Report** on the found results

You searched for: AUTHOR: (skakle) ...More

This report reflects citations to source items indexed within Web of Science Core Collection. Perform a Cited Reference Search to include citations to items not indexed within Web of Science Core Collection.

# Citation Report from Web of Science for a specific academic author (Prof JMS Skakle - Chemistry)



Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between  and

- 1. **Structure and electrical properties of oxygen-deficient hexagonal BaTiO<sub>3</sub>**  
 By: Sinclair, DC; Skakle, JMS; Morrison, FD; et al.  
JOURNAL OF MATERIALS CHEMISTRY Volume: 9 Issue: 6 Pages: 1327-1331 Published: JUN 1999
  
- 2. **Effect of the proportion of organic material in bone on thermal decomposition of bone mineral: An investigation of a variety of bones from different species using thermogravimetric analysis coupled to mass spectrometry, high-temperature X-ray diffraction, and Fourier transform infrared spectroscopy**  
 By: Mkukuma, LD; Skakle, JMS; Gibson, IR; et al.  
CALCIFIED TISSUE INTERNATIONAL Volume: 75 Issue: 4 Pages: 321-328 Published: OCT 2004
  
- 3. **Novel doping mechanism for very-high-permittivity barium titanate ceramics**  
 By: Morrison, FD; Sinclair, DC; Skakle, JMS; et al.  
JOURNAL OF THE AMERICAN CERAMIC SOCIETY Volume: 81 Issue: 7 Pages: 1957-1960 Published: JUL 1998
  
- 4. **Hydrothermal synthesis of polymeric metal carboxylates from benzene-1,2,4,5-tetracarboxylic acid and benzene-1,2,4-tricarboxylic acid**  
 By: Plater, MJ; Foreman, MRS; Howie, RA; et al.  
INORGANICA CHIMICA ACTA Volume: 315 Issue: 1 Pages: 126-132 Published: APR 16 2001

| 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|------|------|------|------|------|-------|----------------------------|
| 125  | 117  | 134  | 164  | 6    | 2870  | 102.50                     |
| 1    | 8    | 6    | 7    | 0    | 107   | 4.86                       |
| 12   | 6    | 12   | 12   | 0    | 104   | 6.12                       |
| 5    | 3    | 6    | 4    | 0    | 92    | 4.00                       |
| 0    | 0    | 1    | 0    | 0    | 86    | 4.30                       |

**WoS: interesting analysis of author output for Prof Jan Skakle (as recorded and indexed within this database)**

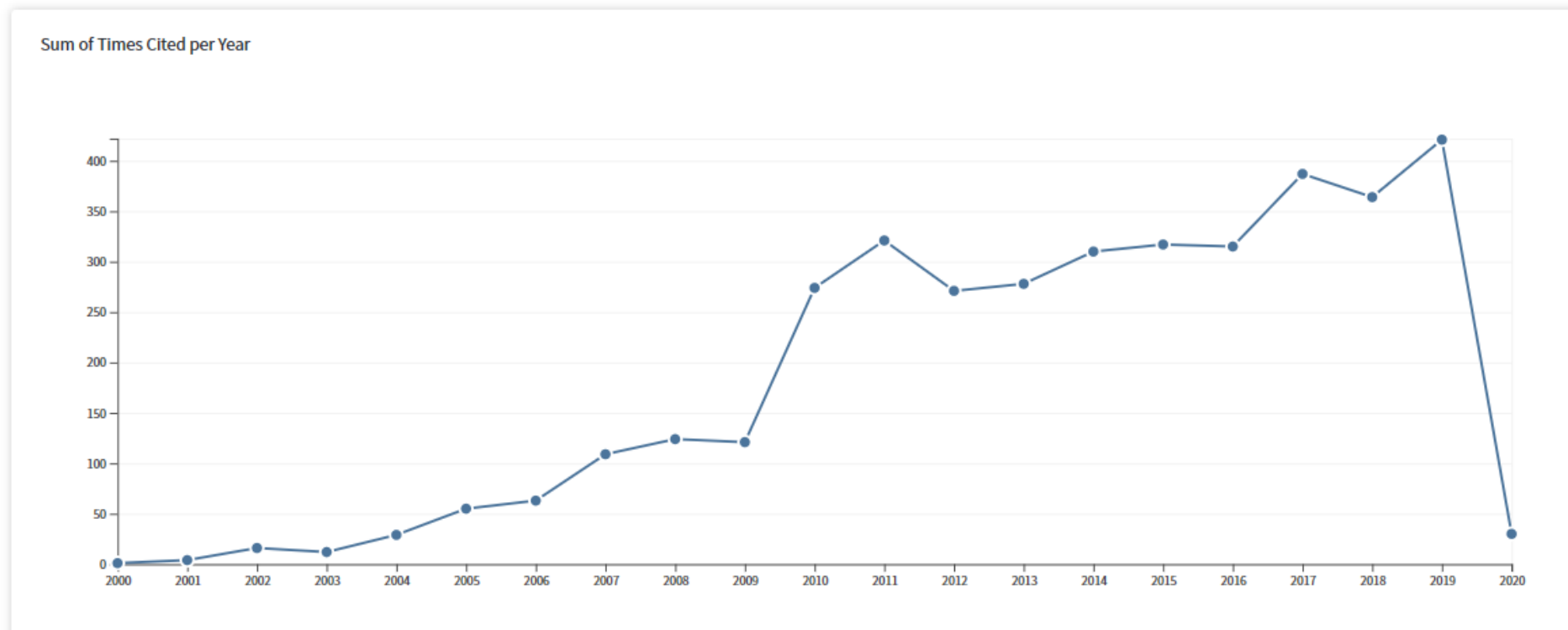
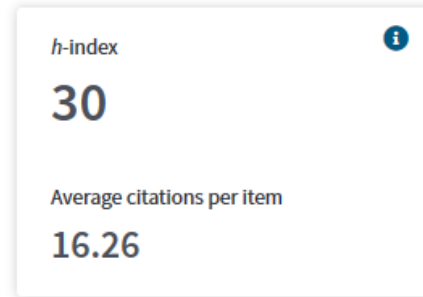


Citation report for 235 results from Web of Science Core Collection between 1900 and 2020 Go

You searched for: AUTHOR: (parnell) AND ORGANIZATION-ENHANCED: (university of aberdeen) ...More

## Citation Report from *Web of Science* for a specific academic author (Prof John Parnell - Geosciences)

Export Data: Save to Excel File



[How are these totals calculated?](#)

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between  and   1. [Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls](#)

By: Craddock, Nick; Hurles, Matthew E.; Cardin, Niall; et al.

Group Author(s): Wellcome Trust Case Control

NATURE Volume: 464 Issue: 7289 Pages: 713-U86 Published: APR 1 2010

 2. [Searching for life on mars: Selection of molecular targets for ESA's aurora ExoMars mission](#)

By: Parnell, John; Cullen, David; Sims, Mark R.; et al.

ASTROBIOLOGY Volume: 7 Issue: 4 Pages: 578-604 Published: AUG 2007

 3. [Groundwater activity on Mars and implications for a deep biosphere](#)

By: Michalski, Joseph R.; Cuadros, Javier; Niles, Paul B.; et al.

NATURE GEOSCIENCE Volume: 6 Issue: 2 Pages: 133-138 Published: FEB 2013

 4. [Impact-generated hydrothermal systems on Earth and Mars](#)

By: Osinski, Gordon R.; Tornabene, Livio L.; Banerjee, Neil R.; et al.

| 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|------|------|------|------|------|-------|----------------------------|
| 315  | 387  | 364  | 421  | 30   | 3822  | 182.00                     |
| 34   | 30   | 27   | 24   | 1    | 543   | 49.36                      |
| 8    | 6    | 9    | 6    | 0    | 106   | 7.57                       |
| 12   | 13   | 19   | 17   | 1    | 103   | 12.88                      |
| 10   | 13   | 17   | 19   | 2    | 92    | 11.50                      |

**WoS: interesting analysis of author output for Prof John Parnell (as recorded and indexed within this database)**

**Results: 796**  
(from Web of Science Core Collection)

You searched for: TOPIC: ("wind farm\*" OR "wind turbine\*") AND TOPIC: (inspection\* OR maintenance OR access) AND TOPIC: (offshore) ...More

Create an alert

## Refine Results

Sort by: Date ▾ Times Cited Usage Count Relevance More ▾

◀ 1 of 16 ▶

Select Page

Export...

Add to Marked List

1. **Research on the dynamical responses of H-type floating VAWT considering the rigid-flexible coupling effect**

By: Deng, Wanru; Yu, Yang; Liu, Liqin; et al.

JOURNAL OF SOUND AND VIBRATION Volume: 469 Article Number: 115162 Published: MAR 17 2020

Find It

View Abstract ▾

2. **A methodology to develop reduced-order models to support the operation and maintenance of offshore**

Analyze Results

Create Citation Report

Times Cited: 0  
(from Web of Science Core Collection)

Usage Count ▾

Times Cited: 0

WoS: Can use the Analyze and Citation report features on a topic search (not just for individual authors)

Results Analysis  
[<<Back to previous page](#)

Showing 796 records for TOPIC: ("wind farm\*" OR "wind turbine\*") AND TOPIC: (inspection\* OR maintenance OR access) AND TOPIC: (offshore)

[Create Citation Report](#)

## Web of Science Categories

Publication Years

Document Types

Organizations-Enhanced

Funding Agencies

Authors

Source Titles

Book Series Titles

Meeting Titles

Countries/Regions

Editors

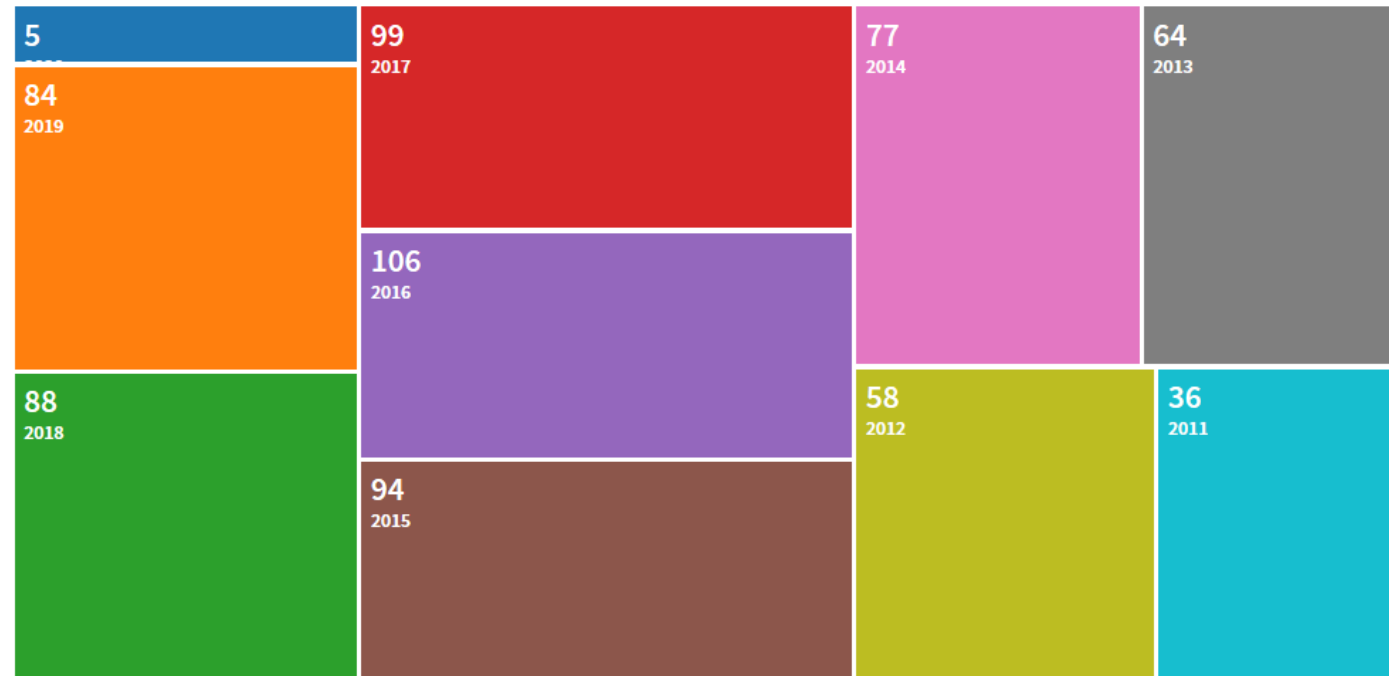
Group Authors

Visualization Treemap

Number of results 10

Download

Hide



Sort by Selected field

Show 25

Minimum record count 1

Update

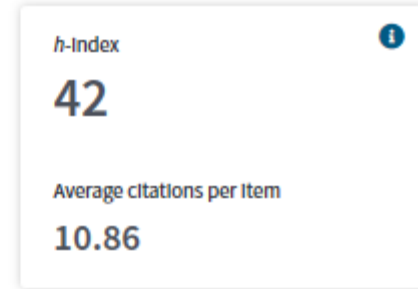
WoS: interesting visual analysis of a topic (rather than a specific author)

Citation report for 796 results from Web of Science Core Collection between 1900 and 2020 Go

You searched for: TOPIC: ("wind farm\*" OR "wind turbine\*") AND TOPIC: (Inspection\* OR maintenance OR access) AND TOPIC: (offshore) ...More

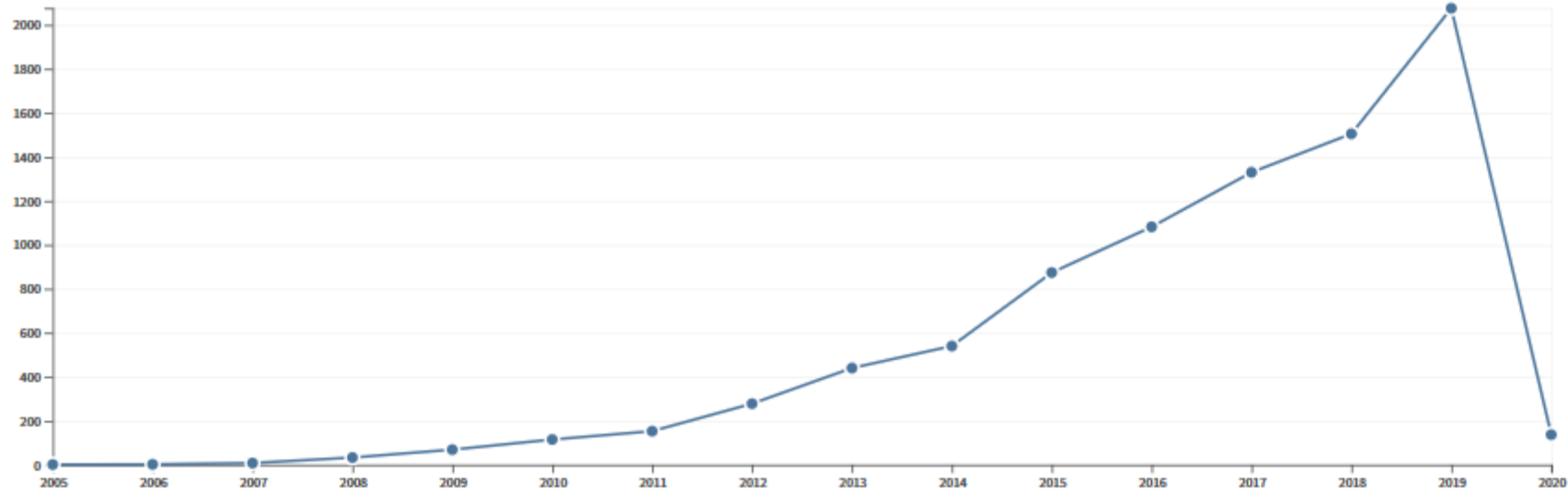
This report reflects citations to source items indexed within Web of Science Core Collection. Perform a Cited Reference Search to include citations to items not indexed within Web of Science Core Collection.

Export Data: Save to Excel File



## WoS: a citation report on results from a keyword search: publication trend

Sum of Times Cited per year







# Scopus: Advanced features

(End of section not covered in workshop)



*Transforming the world  
with greater knowledge  
and learning*