

Elsevier Research Intelligence

# Scopus & SciVal for researchers

*Help make stay up to date with your field and learn how to use Elsevier's Scopus and SciVal tools for scholarly purposes*

**Dr Matt Walker**

29<sup>th</sup> November 2017

## Getting published: very high attrition at the first hurdle!

- Elsevier receives c.1.5M submissions p.a.. Roughly 35% of all submitted manuscripts are rejected before peer review!
- Suggested checklist for authors prior to submission:
  1. Do your findings advance understanding in a specific research field?
  2. Is your work of interest to the journal's audience?
  3. Is your manuscript structured properly?
  4. Are your conclusions justified by your results?
  5. Are your references international/accessible enough?
  6. Did you format your figures and tables properly?
  7. Did you correct all grammatical and spelling mistakes?

See [https://www.elsevier.com/\\_data/assets/pdf\\_file/0003/91038/Get-Published-Quick-Guide.pdf](https://www.elsevier.com/_data/assets/pdf_file/0003/91038/Get-Published-Quick-Guide.pdf) for more tips

# Key resources I'll be using today that may help

## Scopus

(University subscription, Registration advised)

[www.scopus.com](http://www.scopus.com)

## SciVal

(University subscription, Registration required)

[www.scival.com](http://www.scival.com)

## Mendeley

(Free, Registration required)

[www.mendeley.com](http://www.mendeley.com)



# Agenda

1. A brief introduction to Scopus & its coverage
2. How to stay up to date in your field, how to personalize Scopus and set alerts to save you time finding relevant information
3. Advanced search tips for in-depth literature searches, how to analyse and export information, and create lists
4. How to view citation trends for a set of documents, find all publications citing a specific document (or set of documents) and discover the overall impact of publications in a research area
5. Author Profiles and ORCID. Why this is important to check your Author profile and how to use author search find future collaborators / competitors on your topic
6. Creating Research Areas in SciVal to explore topics and identify key authors and institutions
7. Looking for new collaborators and potential competitors in SciVal Collaboration module
8. Benchmarking yourself against others for grant applications and promotion panels

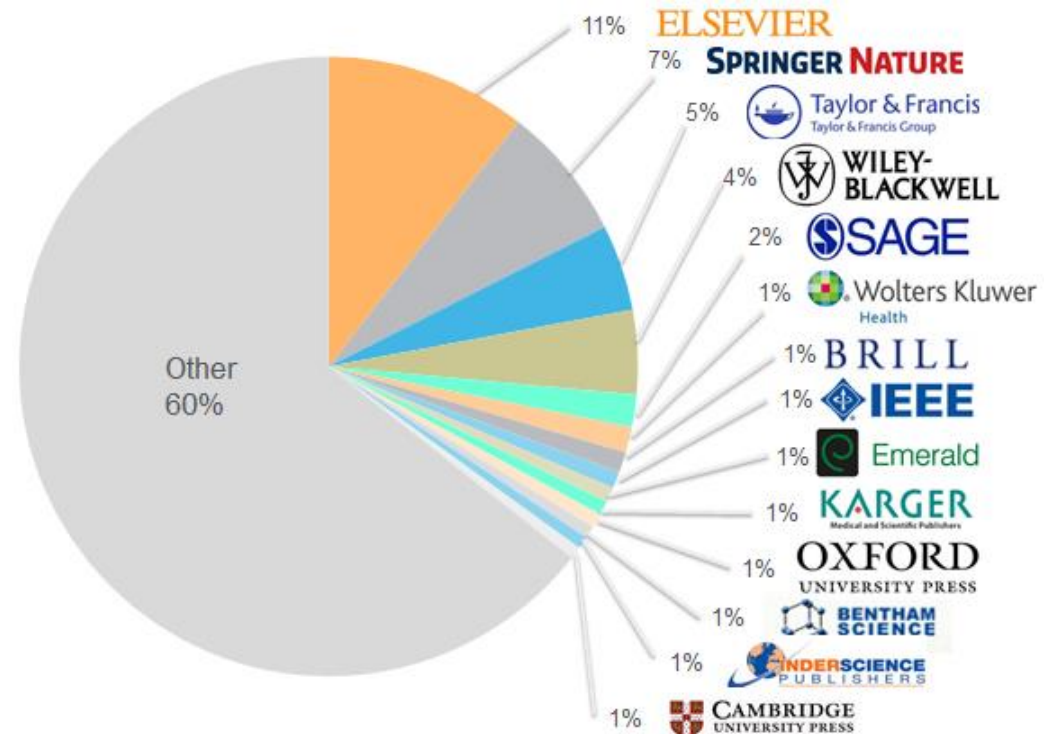
# 1. A brief introduction to Scopus & its coverage

# Scopus

The largest abstract and citation database of research information, launched in 2004

**>69M records** and **21,912** active titles from more than **5k** international publishers. More than **3,780** Gold Open Access journals indexed, **120k** books and **7.3M** conference proceedings

Our independent and expert Content Selection & Advisory Board (CSAB) use strict criteria to vet the sources that Scopus



**THE WORLD**  
UNIVERSITY  
RANKINGS

**QS** **WORLD**  
UNIVERSITY  
RANKINGS®

Used for THE World University Rankings  
(from '15) and data partner for QS

## Further Information on Scopus & current coverage

**Scopus blog:**

<http://blog.scopus.com/>

**Journal & Books title list:**

<https://www.elsevier.com/solutions/scopus/content>

**Brighttalk Scopus webinars:**

<https://www.brighttalk.com/channel/13703/scopus>





## 2. How to stay up to date in your field, how to personalize Scopus & set alerts to save you time finding relevant information



# Search, Author Citation and Document Citation alerts

Scopus

[Search](#) [Sources](#) [Alerts](#) [Lists](#) [Help](#) [Matthew Walker](#)

## Alerts

▼ Search alerts   ▼ Author citation alerts   ▼ Document citation alerts  
Manage the alerts you have set in Scopus.

### Search Alerts

You will receive an alert each time one of these searches renders new results in Scopus.

[Set new search alert](#)

	Saved on	Alert name	Search	Frequency	View	Set feed	Edit	Delete	Status
2	22 Jan 2017	tritrophic "tri-trophic"	TITLE-ABS-KEY ( tritrophic OR "tri-trophic" )	Every week	Check for new results since 22 Jan 2017				Active
1	26 Jan 2016	journal of informetrics	SRCTITLE ( journal of informetrics )	Every week	Check for new results since 20 Jan 2017				Active

[Top of page](#)

### Author Citation Alerts

When you set an Author Citation Alert you will receive an e-mail each time a document of that author is cited in Scopus.

[Set new author citation alert](#)

	Saved on	Alert name	Author	Frequency	View	Set feed	Edit	Delete	Status
2	22 Jan 2017	Citations for Harzing, Anne-Wil (Author Identifier 6602836555)	Harzing, Anne-Wil 6602836555	Every month	Check for new results since 22 Jan 2017				Active
1	22 Jan 2017	Citations for Neal, David E. (Author Identifier 35393852700)	Neal, David E. 35393852700	Every month	Check for new results since 22 Jan 2017				Active

[Top of page](#)

### Document Citation Alerts

When you set a Document Citation Alert you will receive an e-mail each time that document is cited in Scopus.

[Set new document citation alert](#)

	Saved on	Alert name	Document	Frequency	View	Set feed	Edit	Delete	Status
2	13 Feb 2015	JAE paper	Walker, M., Hartley, S.E., Jones, T.H. <b>The relative importance of resources and natural enemies in determining herbivore abundance: Thistles, tephritids and</b> (2008) <i>Journal of Animal Ecology</i> , 77 (5), pp. 1063-1071. Cited 17 times.	Every month	Check for new results since 01 Jan 2017				Active
1	13 Feb 2015	Oikos review	Walker, M., Hefin Jones, T. <b>Relative roles of top-down and bottom-up forces in terrestrial tritrophic plant-insect herbivore-natural enemy systems</b> (2001) <i>Oikos</i> , 93 (2), pp. 177-187. Cited 90 times.	Every month	Check for new results since 01 Jan 2017				Active

[Top of page](#)

# Personalisation is only available if you register & login!

## 1,916 document results


TITLE-ABS-KEY ( tritrophic OR "tri-trophic" )


 Edit  Save  Set alert  Set feed

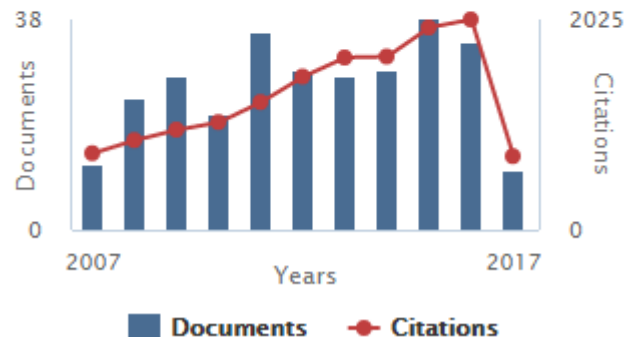
Follow this Author

Receive emails when this author publishes new articles

 Get citation alerts

 Add to ORCID ?

 Request author detail corrections



Cited by 94 documents

Top-down and bottom-up control on cougar and its prey in a central Mexican natural reserve

Soria-Díaz, L. , Fowler, M.S. , Monroy-Vilchis, O.  
(2017) *European Journal of Wildlife Research*

Spatial and temporal dimensions to the taxonomic diversity of arthropods in an arid grassland savannah

Dalerum, F. , de Vries, J.L. , Pirk, C.W.W.  
(2017) *Journal of Arid Environments*

Diverse responses of species to landscape fragmentation in a simple food chain

Liao, J. , Bearup, D. , Blasius, B.  
(2017) *Journal of Animal Ecology*

[View all 94 citing documents](#)

Inform me when this document is cited in Scopus:

[Set citation alert >](#)

[Set citation feed >](#)

### **3. Advanced search tips for in-depth literature searches, how to analyse and export information, and create lists**

# Using Scopus for more detailed analyses

## APPENDICES

88

## THEME PLANET

The publications need to contain at least one of the keywords or combinations of keywords in abstract, title or keywords:

(adaptation AND climate)	climate tipping point	(megacities AND climate)
(adaptive management AND climate)	climate variation	(megacity AND climate)
AFOLU	(conservation AND climate)	(mitigation AND climate)
Anthropocene	deforestation	(mitigation pathway AND climate)
aquatic ecology	desertification	nitrogen cycle
atmosphere-ocean coupling	Earth System Model	North Atlantic Oscillation
atmospheric general circulation model	ecological resilience	ocean acidification
biochemical cycle	ecosystem service	ocean ecology
(biodiversity AND climate)	El Nino-Southern Oscillation	ocean temperature
(bioeconomy AND climate)	emission reduction	Paleoclimate
(biological production AND climate)	emissions trading	radiative forcing
carbon capture	energy transformation	rain forest loss
carbon capture and storage	energy transition	rain forest restoration
carbon cycle	(extreme event AND climate)	reforestation
carbon emission	(financing adaptation AND climate)	regional climate
carbon tax	(food chain composition AND climate)	sea ice
carbon trading	glacier dynamics	sea level pressure
clean development mechanism	glacier mass balance	sea level rise
climate change adaptation	glacier retreat	submarine geophysics
climate effect	Global Circulation Model	(sustainable consumption AND climate)
climate feedback	global climate	sustainable fishery
climate forcing	global warming	(sustainable food production AND climate)
climate impact	greenhouse effect	terrestrial ecosystem
climate mitigation	greenhouse gas	thermal expansion
climate model	greenhouse gases	UNFCCC mechanism
climate modelling	ice-ocean interaction	United Nations Framework Convention on
climate policy	Intergovernmental Panel on Climate Change	Climate Change
climate prediction	(island AND climate)	urban climate
climate service	(land use change AND climate)	vulnerability to climate change
climate signal	LULUCF	weather extreme



## Tip: use Concatenate formula in create search strings

D1      fx      =CONCATENATE(A1,B1,C1)				
	A	B	C	D
1	TITLE-ABS-KEY	(adaptation AND climate)	OR	TITLE-ABS-KEY(adaptation AND climate) OR
2	TITLE-ABS-KEY	(adaptive management AND climate)	OR	TITLE-ABS-KEY(adaptive management AND climate) OR
3	TITLE-ABS-KEY	(AFOLU)	OR	TITLE-ABS-KEY(AFOLU) OR
4	TITLE-ABS-KEY	(Anthropocene)	OR	TITLE-ABS-KEY(Anthropocene) OR
5	TITLE-ABS-KEY	(aquatic ecology)	OR	TITLE-ABS-KEY(aquatic ecology) OR
6	TITLE-ABS-KEY	(atmosphere-ocean coupling)	OR	TITLE-ABS-KEY(atmosphere-ocean coupling) OR
7	TITLE-ABS-KEY	(atmospheric general circulation model)	OR	TITLE-ABS-KEY(atmospheric general circulation model) OR
8	TITLE-ABS-KEY	(biochemical cycle)	OR	TITLE-ABS-KEY(biochemical cycle) OR
9	TITLE-ABS-KEY	(biodiversity AND climate)	OR	TITLE-ABS-KEY(biodiversity AND climate) OR
10	TITLE-ABS-KEY	(bioeconomy AND climate)	OR	TITLE-ABS-KEY(bioeconomy AND climate) OR
11	TITLE-ABS-KEY	(biological production AND climate)	OR	TITLE-ABS-KEY(biological production AND climate) OR
12	TITLE-ABS-KEY	(carbon capture)	OR	TITLE-ABS-KEY(carbon capture) OR
13	TITLE-ABS-KEY	("carbon capture and storage")	OR	TITLE-ABS-KEY("carbon capture and storage") OR
14	TITLE-ABS-KEY	(carbon cycle)	OR	TITLE-ABS-KEY(carbon cycle) OR
15	TITLE-ABS-KEY	(carbon emission)	OR	TITLE-ABS-KEY(carbon emission) OR
16	TITLE-ABS-KEY	(carbon tax)	OR	TITLE-ABS-KEY(carbon tax) OR
17	TITLE-ABS-KEY	(carbon trading)	OR	TITLE-ABS-KEY(carbon trading) OR
18	TITLE-ABS-KEY	(clean development mechanism)	OR	TITLE-ABS-KEY(clean development mechanism) OR
19	TITLE-ABS-KEY	(climate change adaptation)	OR	TITLE-ABS-KEY(climate change adaptation) OR
20	TITLE-ABS-KEY	(climate effect)	OR	TITLE-ABS-KEY(climate effect) OR

# Sample search string in Scopus

Scopus

Search Sources Alerts Lists Help ▾ Matthew Walker ▾ ☰

## Analyze search results

### Analyze search results

Export Print E-mail

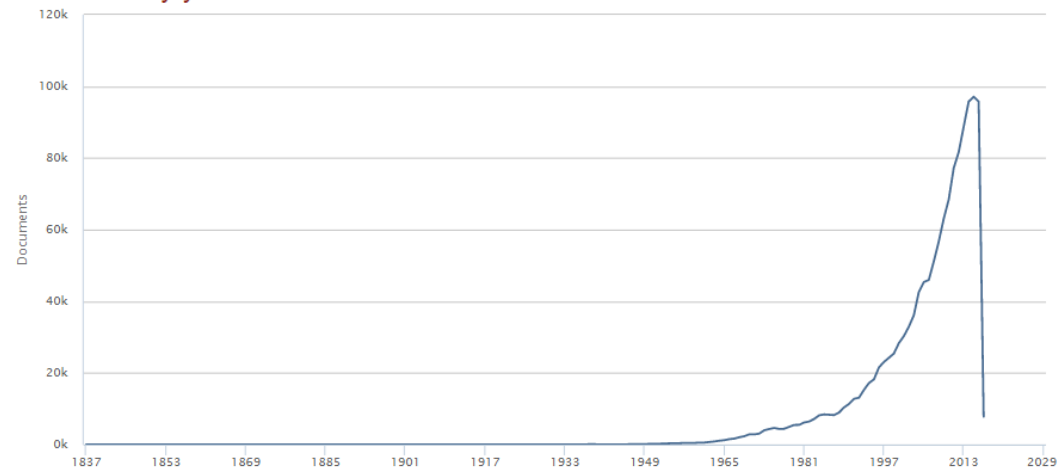
TITLE-ABS-KEY (adaptation AND climate) OR TITLE-ABS-KEY (adaptive management AND climate) OR TITLE-ABS-KEY (afolu) OR TITLE-ABS-KEY (anthropocene) OR TITLE-ABS-KEY (aquatic ecology) OR TITLE-ABS-KEY (atmosphere-ocean coupling) OR TITLE-ABS-KEY (atmospheric general circulation model) OR TITLE-ABS-KEY (biochemical cycle) OR TITLE-ABS-KEY (biodiversity AND climate) OR TITLE-ABS-KEY (bioeconomy AND climate) OR TITLE-ABS-KEY (biological production AND climate) OR TITLE-ABS-KEY (carbon capture) OR TITLE-ABS-KEY ("carbon capture and storage") OR TITLE-ABS-KEY (carbon cycle) OR TITLE-ABS-KEY (carbon emission) OR TITLE-ABS-KEY (carbon tax) OR TITLE-ABS-KEY (carbon trading) OR TITLE-ABS-KEY (clean development mechanism) OR TITLE-ABS-KEY (climate change adaptation) OR TITLE-ABS-KEY (climate effect) OR TITLE-ABS-KEY (climate feedback) OR TITLE-ABS-KEY (climate forcing) OR TITLE-ABS-KEY (climate impact) OR TITLE-ABS-KEY (climate mitigation) OR TITLE-ABS-KEY (climate model) OR TITLE-ABS-KEY (climate modelling) OR TITLE-ABS-KEY (climate policy) OR TITLE-ABS-KEY (climate prediction) OR TITLE-ABS-KEY (climate service) OR TITLE-ABS-KEY (climate signal) OR TITLE-ABS-KEY (climate tipping point) OR TITLE-ABS-KEY (climate variation) OR TITLE-ABS-KEY (conservation AND climate) OR TITLE-ABS-KEY (deforestation) OR TITLE-ABS-KEY (desertification) OR TITLE-ABS-KEY (earth system model) OR TITLE-ABS-KEY (ecological resilience) OR TITLE-ABS-KEY (ecosystem service) OR TITLE-ABS-KEY (el nino-southern oscillation) OR TITLE-ABS-KEY (emission reduction) OR TITLE-ABS-KEY (emissions trading) OR TITLE-ABS-KEY (energy transformation) OR TITLE-ABS-KEY (energy transition) OR TITLE-ABS-KEY (extreme event AND climate) OR TITLE-ABS-KEY (financing adaptation AND climate) OR TITLE-ABS-KEY (food chain composition AND climate) OR TITLE-ABS-KEY (glacier dynamics) OR TITLE-ABS-KEY (glacier mass balance) OR TITLE-ABS-KEY (glacier retreat) OR TITLE-ABS-KEY (global circulation model) OR TITLE-ABS-KEY (global climate) OR TITLE-ABS-KEY (global warming) OR TITLE-ABS-KEY (greenhouse effect) OR TITLE-ABS-KEY (greenhouse gas) OR TITLE-ABS-KEY (greenhouse gases) OR TITLE-ABS-KEY (ice-ocean interaction) OR TITLE-ABS-KEY (intergovernmental panel on climate change) OR TITLE-ABS-KEY (island AND climate) OR TITLE-ABS-KEY (land use change AND climate) OR TITLE-ABS-KEY (lulucf) OR TITLE-ABS-KEY (megacities AND climate) OR TITLE-ABS-KEY (megacity AND climate) OR TITLE-ABS-KEY (mitigation AND climate) OR TITLE-ABS-KEY (mitigation pathway AND climate) OR TITLE-ABS-KEY (nitrogen cycle) OR TITLE-ABS-KEY (north atlantic oscillation) OR TITLE-ABS-KEY (ocean acidification) OR TITLE-ABS-KEY (ocean ecology) OR TITLE-ABS-KEY (ocean temperature) OR TITLE-ABS-KEY (paleoclimate) OR TITLE-ABS-KEY (radiative forcing) OR TITLE-ABS-KEY (rain forest loss) OR TITLE-ABS-KEY (rain forest restoration) OR TITLE-ABS-KEY (reforestation) OR TITLE-ABS-KEY (regional climate) OR TITLE-ABS-KEY (sea ice) OR TITLE-ABS-KEY (sea level pressure) OR TITLE-ABS-KEY (sea level rise) OR TITLE-ABS-KEY (submarine geophysics) OR TITLE-ABS-KEY (sustainable consumption AND climate) OR TITLE-ABS-KEY (sustainable fishery) OR TITLE-ABS-KEY (sustainable food production AND climate) OR TITLE-ABS-KEY (terrestrial ecosystem) OR TITLE-ABS-KEY (thermal expansion) OR TITLE-ABS-KEY (unfccc mechanism) OR TITLE-ABS-KEY (united nations framework convention on climate change) OR TITLE-ABS-KEY (urban climate) OR TITLE-ABS-KEY (vulnerability to climate change) OR TITLE-ABS-KEY (weather extreme) [Back to your search results](#)

1363633 document results Choose date range to analyze: 1837 to 2017 [Analyze](#)

Year	Source	Author	Affiliation	Country/Territory	Document type	Subject area
------	--------	--------	-------------	-------------------	---------------	--------------

Year ▾	Documents
2017	7803
2016	95764
2015	97091
2014	95762
2013	88771
2012	81656
2011	77208
2010	68421
2009	63081
2008	56705
2007	51134
2006	45953
2005	45376
2004	42607
2003	36110

### Documents by year





# Most active countries

Scopus

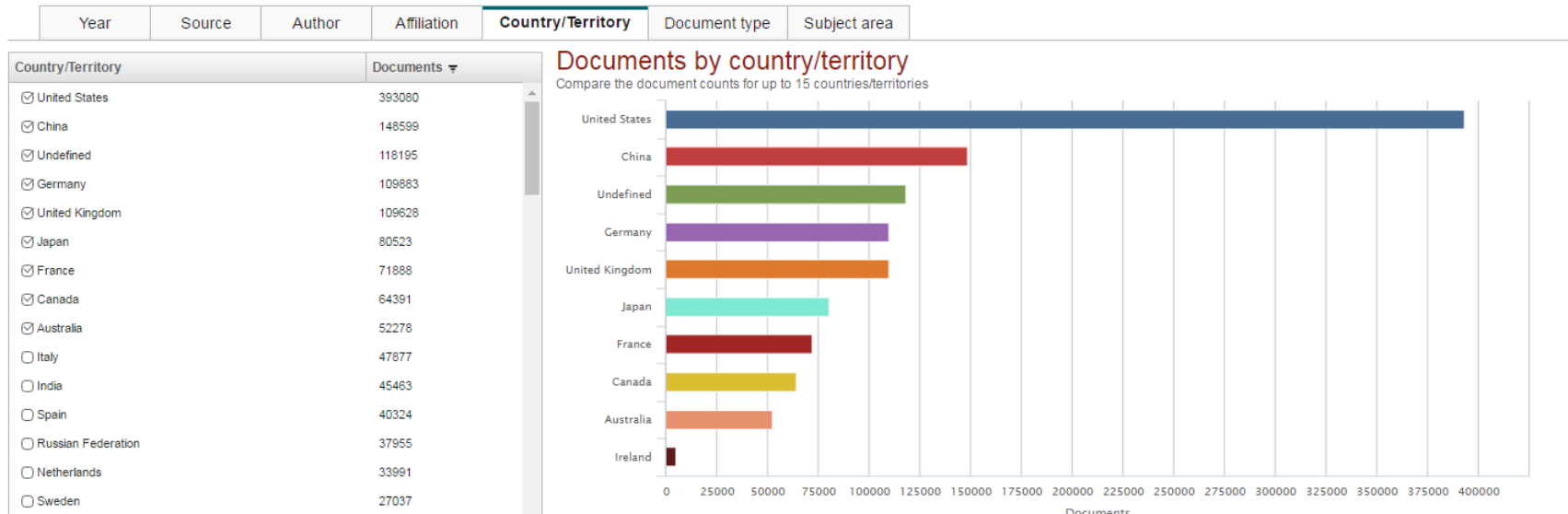
Search Sources Alerts Lists Help ▾ Matthew Walker ▾ ☰

## Analyze search results

Analyze search results

[Export](#) | [Print](#) | [E-mail](#)

TITLE-ABS-KEY (adaptation AND climate) OR TITLE-ABS-KEY (adaptive management AND climate) OR TITLE-ABS-KEY (afolu) OR TITLE-ABS-KEY (anthropocene) OR TITLE-ABS-KEY (aquatic ecology) OR TITLE-ABS-KEY (atmosphere-ocean coupling) OR TITLE-ABS-KEY (atmospheric general circulation model) OR TITLE-ABS-KEY (biochemical cycle) OR TITLE-ABS-KEY (biodiversity AND climate) OR TITLE-ABS-KEY (bioeconomy AND climate) OR TITLE-ABS-KEY (biological production AND climate) OR TITLE-ABS-KEY (carbon capture) OR TITLE-ABS-KEY ("carbon capture and storage") OR TITLE-ABS-KEY (carbon cycle) OR TITLE-ABS-KEY (carbon emission) OR TITLE-ABS-KEY (carbon tax) OR TITLE-ABS-KEY (carbon trading) OR TITLE-ABS-KEY (clean development mechanism) OR TITLE-ABS-KEY (climate change adaptation) OR TITLE-ABS-KEY (climate effect) OR TITLE-ABS-KEY (climate feedback) OR TITLE-ABS-KEY (climate forcing) OR TITLE-ABS-KEY (climate impact) OR TITLE-ABS-KEY (climate mitigation) OR TITLE-ABS-KEY (climate model) OR TITLE-ABS-KEY (climate modelling) OR TITLE-ABS-KEY (climate policy) OR TITLE-ABS-KEY (climate prediction) OR TITLE-ABS-KEY (climate service) OR TITLE-ABS-KEY (climate signal) OR TITLE-ABS-KEY (climate tipping point) OR TITLE-ABS-KEY (climate variation) OR TITLE-ABS-KEY (conservation AND climate) OR TITLE-ABS-KEY (deforestation) OR TITLE-ABS-KEY (desertification) OR TITLE-ABS-KEY (earth system model) OR TITLE-ABS-KEY (ecological resilience) OR TITLE-ABS-KEY (ecosystem service) OR TITLE-ABS-KEY (el nino-southern oscillation) OR TITLE-ABS-KEY (emission reduction) OR TITLE-ABS-KEY (emissions trading) OR TITLE-ABS-KEY (energy transformation) OR TITLE-ABS-KEY (energy transition) OR TITLE-ABS-KEY (extreme event AND climate) OR TITLE-ABS-KEY (financing adaptation AND climate) OR TITLE-ABS-KEY (food chain composition AND climate) OR TITLE-ABS-KEY (glacier dynamics) OR TITLE-ABS-KEY (glacier mass balance) OR TITLE-ABS-KEY (glacier retreat) OR TITLE-ABS-KEY (global circulation model) OR TITLE-ABS-KEY (global climate) OR TITLE-ABS-KEY (global warming) OR TITLE-ABS-KEY (greenhouse effect) OR TITLE-ABS-KEY (greenhouse gas) OR TITLE-ABS-KEY (greenhouse gases) OR TITLE-ABS-KEY (ice-ocean interaction) OR TITLE-ABS-KEY (intergovernmental panel on climate change) OR TITLE-ABS-KEY (island AND climate) OR TITLE-ABS-KEY (land use change AND climate) OR TITLE-ABS-KEY (lulucf) OR TITLE-ABS-KEY (megacities AND climate) OR TITLE-ABS-KEY (megacity AND climate) OR TITLE-ABS-KEY (mitigation AND climate) OR TITLE-ABS-KEY (mitigation pathway AND climate) OR TITLE-ABS-KEY (nitrogen cycle) OR TITLE-ABS-KEY (north atlantic oscillation) OR TITLE-ABS-KEY (ocean acidification) OR TITLE-ABS-KEY (ocean ecology) OR TITLE-ABS-KEY (ocean temperature) OR TITLE-ABS-KEY (paleoclimate) OR TITLE-ABS-KEY (radiative forcing) OR TITLE-ABS-KEY (rain forest loss) OR TITLE-ABS-KEY (rain forest restoration) OR TITLE-ABS-KEY (reforestation) OR TITLE-ABS-KEY (regional climate) OR TITLE-ABS-KEY (sea ice) OR TITLE-ABS-KEY (sea level pressure) OR TITLE-ABS-KEY (sea level rise) OR TITLE-ABS-KEY (submarine geophysics) OR TITLE-ABS-KEY (sustainable consumption AND climate) OR TITLE-ABS-KEY (sustainable fishery) OR TITLE-ABS-KEY (sustainable food production AND climate) OR TITLE-ABS-KEY (terrestrial ecosystem) OR TITLE-ABS-KEY (thermal expansion) OR TITLE-ABS-KEY (unfccc mechanism) OR TITLE-ABS-KEY (united nations framework convention on climate change) OR TITLE-ABS-KEY (urban climate) OR TITLE-ABS-KEY (vulnerability to climate change) OR TITLE-ABS-KEY (weather extreme) [Back to your search results](#)

1363633 document results Choose date range to analyze: 1837 ▾ to 2017 ▾ [Analyze](#)



# Key sources

Scopus

[Search](#) [Sources](#) [Alerts](#) [Lists](#) [Help](#) [Matthew Walker](#)

## Analyze search results

Analyze search results

[Export](#) [Print](#) [E-mail](#)

TITLE-ABS-KEY (adaptation AND climate) OR TITLE-ABS-KEY (adaptive management AND climate) OR TITLE-ABS-KEY (afolu) OR TITLE-ABS-KEY (anthropocene) OR TITLE-ABS-KEY (aquatic ecology) OR TITLE-ABS-KEY (atmosphere-ocean coupling) OR TITLE-ABS-KEY (atmospheric general circulation model) OR TITLE-ABS-KEY (biochemical cycle) OR TITLE-ABS-KEY (biodiversity AND climate) OR TITLE-ABS-KEY (bioeconomy AND climate) OR TITLE-ABS-KEY (biological production AND climate) OR TITLE-ABS-KEY (carbon capture) OR TITLE-ABS-KEY ("carbon capture and storage") OR TITLE-ABS-KEY (carbon cycle) OR TITLE-ABS-KEY (carbon emission) OR TITLE-ABS-KEY (carbon tax) OR TITLE-ABS-KEY (carbon trading) OR TITLE-ABS-KEY (clean development mechanism) OR TITLE-ABS-KEY (climate change adaptation) OR TITLE-ABS-KEY (climate effect) OR TITLE-ABS-KEY (climate feedback) OR TITLE-ABS-KEY (climate forcing) OR TITLE-ABS-KEY (climate impact) OR TITLE-ABS-KEY (climate mitigation) OR TITLE-ABS-KEY (climate model) OR TITLE-ABS-KEY (climate modelling) OR TITLE-ABS-KEY (climate policy) OR TITLE-ABS-KEY (climate prediction) OR TITLE-ABS-KEY (climate service) OR TITLE-ABS-KEY (climate signal) OR TITLE-ABS-KEY (climate tipping point) OR TITLE-ABS-KEY (climate variation) OR TITLE-ABS-KEY (conservation AND climate) OR TITLE-ABS-KEY (deforestation) OR TITLE-ABS-KEY (desertification) OR TITLE-ABS-KEY (earth system model) OR TITLE-ABS-KEY (ecological resilience) OR TITLE-ABS-KEY (ecosystem service) OR TITLE-ABS-KEY (el nino-southern oscillation) OR TITLE-ABS-KEY (emission reduction) OR TITLE-ABS-KEY (emissions trading) OR TITLE-ABS-KEY (energy transformation) OR TITLE-ABS-KEY (energy transition) OR TITLE-ABS-KEY (extreme event AND climate) OR TITLE-ABS-KEY (financing adaptation AND climate) OR TITLE-ABS-KEY (food chain composition AND climate) OR TITLE-ABS-KEY (glacier dynamics) OR TITLE-ABS-KEY (glacier mass balance) OR TITLE-ABS-KEY (glacier retreat) OR TITLE-ABS-KEY (global circulation model) OR TITLE-ABS-KEY (global climate) OR TITLE-ABS-KEY (global warming) OR TITLE-ABS-KEY (greenhouse effect) OR TITLE-ABS-KEY (greenhouse gas) OR TITLE-ABS-KEY (greenhouse gases) OR TITLE-ABS-KEY (ice-ocean interaction) OR TITLE-ABS-KEY (intergovernmental panel on climate change) OR TITLE-ABS-KEY (island AND climate) OR TITLE-ABS-KEY (land use change AND climate) OR TITLE-ABS-KEY (lulucf) OR TITLE-ABS-KEY (megacities AND climate) OR TITLE-ABS-KEY (megacity AND climate) OR TITLE-ABS-KEY (mitigation AND climate) OR TITLE-ABS-KEY (mitigation pathway AND climate) OR TITLE-ABS-KEY (nitrogen cycle) OR TITLE-ABS-KEY (north atlantic oscillation) OR TITLE-ABS-KEY (ocean acidification) OR TITLE-ABS-KEY (ocean ecology) OR TITLE-ABS-KEY (ocean temperature) OR TITLE-ABS-KEY (paleoclimate) OR TITLE-ABS-KEY (radiative forcing) OR TITLE-ABS-KEY (rain forest loss) OR TITLE-ABS-KEY (rain forest restoration) OR TITLE-ABS-KEY (reforestation) OR TITLE-ABS-KEY (regional climate) OR TITLE-ABS-KEY (sea ice) OR TITLE-ABS-KEY (sea level pressure) OR TITLE-ABS-KEY (sea level rise) OR TITLE-ABS-KEY (submarine geophysics) OR TITLE-ABS-KEY (sustainable consumption AND climate) OR TITLE-ABS-KEY (sustainable fishery) OR TITLE-ABS-KEY (sustainable food production AND climate) OR TITLE-ABS-KEY (terrestrial ecosystem) OR TITLE-ABS-KEY (thermal expansion) OR TITLE-ABS-KEY (unfccc mechanism) OR TITLE-ABS-KEY (united nations framework convention on climate change) OR TITLE-ABS-KEY (urban climate) OR TITLE-ABS-KEY (vulnerability to climate change) OR TITLE-ABS-KEY (weather extreme) [Back to your search results](#)

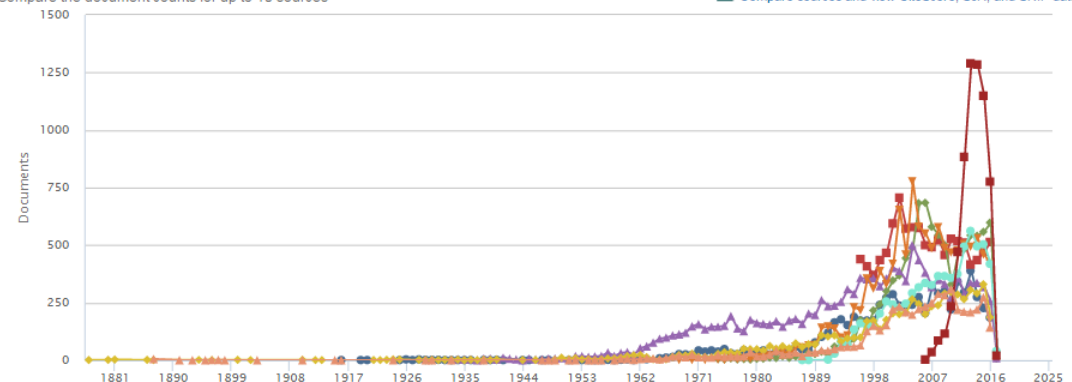
 1363633 document results Choose date range to analyze: 1837 to 2017 [Analyze](#)

Year	Source	Author	Affiliation	Country/Territory	Document type	Subject area
------	--------	--------	-------------	-------------------	---------------	--------------

Source	Documents
<input checked="" type="checkbox"/> Journal Of Chemical Physics	13239
<input checked="" type="checkbox"/> Proceedings Of SPIE The Intern...	11235
<input checked="" type="checkbox"/> Physical Review B Condensed ...	10513
<input checked="" type="checkbox"/> Geophysical Research Letters	9779
<input checked="" type="checkbox"/> SAE Technical Papers	7234
<input checked="" type="checkbox"/> Journal Of Climate	7215
<input type="checkbox"/> Journal Of Applied Physics	7050
<input type="checkbox"/> Journal Of Geophysical Researc...	6926
<input checked="" type="checkbox"/> Nature	6545
<input checked="" type="checkbox"/> Plos One	6349
<input type="checkbox"/> Journal Of The American Chemi...	6214
<input type="checkbox"/> Physical Review B	6018
<input type="checkbox"/> Physical Review Letters	5613
<input checked="" type="checkbox"/> Science	5258
<input type="checkbox"/> Journal Of Physical Chemistry A	4820
<input type="checkbox"/> Environmental Science And Tec...	4787

## Documents per year by source

Compare the document counts for up to 10 sources

[Compare sources and view CiteScore, SJR, and SNIP data](#)



◆ SAE Technical Papers ◆ Physical Review B Condensed Matter And Materials Physics ◆ Geophysical Research Letters  
 ◆ Journal Of Chemical Physics ◆ Proceedings Of SPIE The International Society For Optical Engineering ◆ Journal Of Climate ◆ Plos One  
 ◆ Nature ◆ Science

**4. How to view citation trends for a set of documents, find all publications citing a specific document and discover the overall impact of publications in a research area**

# Who is citing my work? Analyze the search results in Scopus

94 documents have cited:

Relative roles of top-down and bottom-up forces in terrestrial tritrophic plant-insect herbivore-natural enemy systems  
Walker M., Hefin Jones T.  
(2001) Oikos, 93 (2) , pp. 177-187.

Is cited by:  Set feed

## Analyze search results

Analyze search results

 Export |  Print |  Email

REFEID ( 2-s2.0-0034984627 ) [Back to your search results](#)

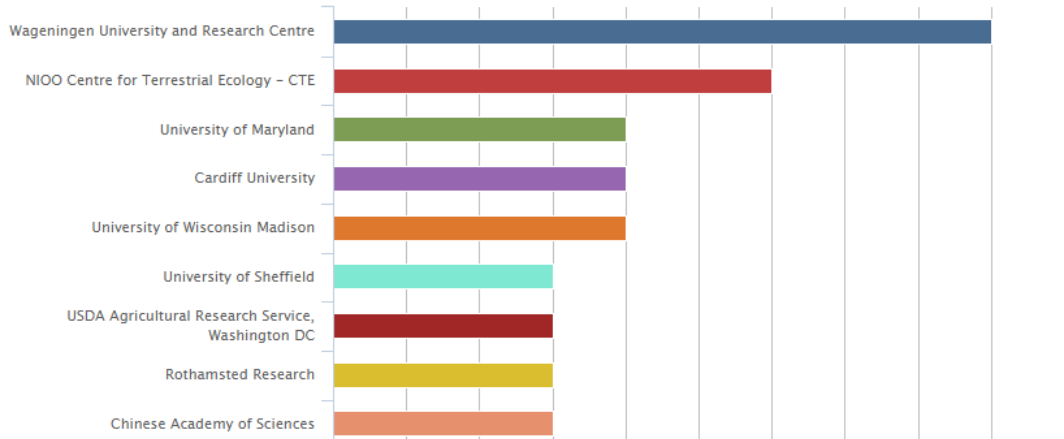
94 document results Choose date range to analyze: 2002 to 2017 [Analyze](#)

Year	Source	Author	Affiliation	Country/Territory	Document type	Subject area
------	--------	--------	-------------	-------------------	---------------	--------------

Affiliation	Documents
<input checked="" type="checkbox"/> Wageningen University and Resea	9
<input checked="" type="checkbox"/> NIOO Centre for Terrestrial Ecolog	6
<input checked="" type="checkbox"/> University of Maryland	4
<input checked="" type="checkbox"/> Cardiff University	4
<input checked="" type="checkbox"/> University of Wisconsin Madison	4
<input checked="" type="checkbox"/> University of Sheffield	3
<input checked="" type="checkbox"/> USDA Agricultural Research Servi	3
<input checked="" type="checkbox"/> Rothamsted Research	3
<input checked="" type="checkbox"/> Chinese Academy of Sciences	3
<input checked="" type="checkbox"/> Sveriges lantbruksuniversitet	3
<input type="checkbox"/> Universitat Gottingen	3
<input type="checkbox"/> Ministry of Education China	2

### Documents by affiliation

Compare the document counts for up to 15 affiliations



**5. Author Profiles and ORCID. Why this is important to check your Author profile and how to use author search find future collaborators / competitors on your topic**

# Sample author profile in Scopus: David Neal

Scopus

Search Sources Alerts Lists Help ▾ SciVal ↗ Matthew Walker ▾

Author details

Back to results | < Previous 2 of 47 Next >

Neal, David E.

University of Cambridge, Li Ka Shing Centre, Cambridge, United Kingdom

Author ID: 35393852700

<http://orcid.org/0000-0002-6033-5086>

About Scopus Author Identifier | View potential author matches

Other name formats: Neal, David E.  
Neal, D. N.  
Neal, D. E.  
[View More](#)

Documents: 613

Citations: 22712 total citations by 17089 documents

$h$ -index: 79

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

Subject area: Medicine, Biochemistry, Genetics and Molecular Biology [View More](#)

Analyze author output

View citation overview

View h-graph

Follow this Author

Receive emails when this author publishes new articles

Get citation alerts

Add to ORCID

Request author detail corrections

Export profile to SciVal

Documents

Citations

613 Documents

Cited by 17089 documents

150 co-authors

613 documents [View all in search results format](#)

Sort on: Date Cited by

Export all to CSV file ▾

Save all to list

Set document alert

Set document feed

Association of Plasma and Urinary Mutant DNA with Clinical Outcomes in Muscle Invasive Bladder Cancer

Patel, K.M., Van Der Vos, K.E., Smith, C.G., (...), Rosenfeld, N., Van Der Heijden, M.S.

2017 Scientific Reports

0

[Open Access](#)

Author History

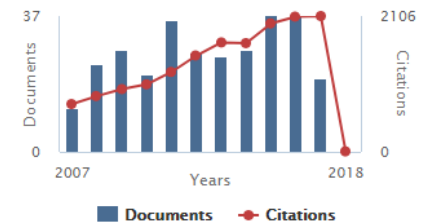
Publication range: 1981 - Present

References: 13412

Source history:

Genetics in Medicine [View documents](#)

International Urogynecology Journal [View documents](#)



Tip: Use **Add to ORCID wizard** to populate your ORCID & link your Scopus author profile

# Analysing David's output in Scopus: where does David publish most of his research?

Neal, David E. [Back to author details page](#)

University of Cambridge, Li Ka Shing Centre, Cambridge, United Kingdom

Author ID:35393852700

**Documents (613)**

*h*-index (79)

Citations (22712)

Co-authors (150)

by source

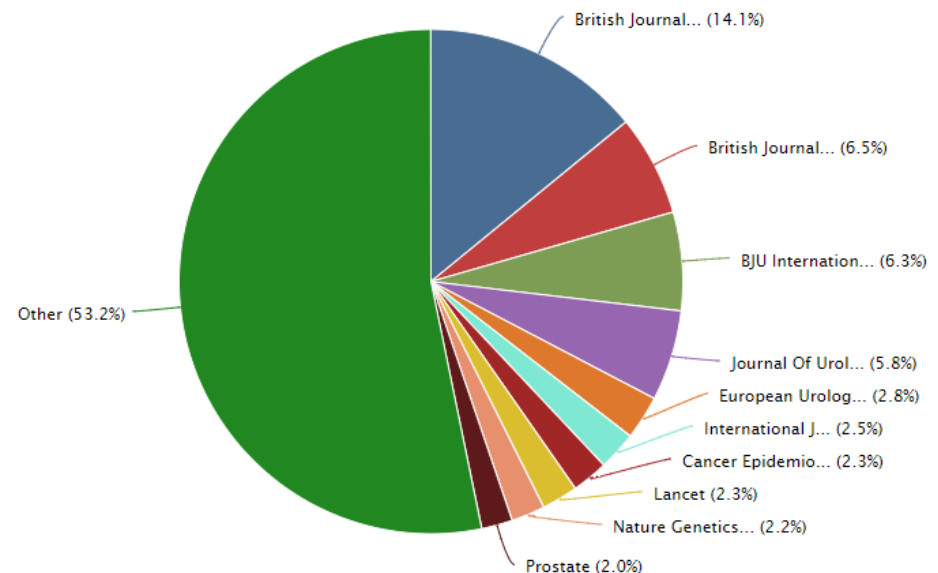
by type

by year

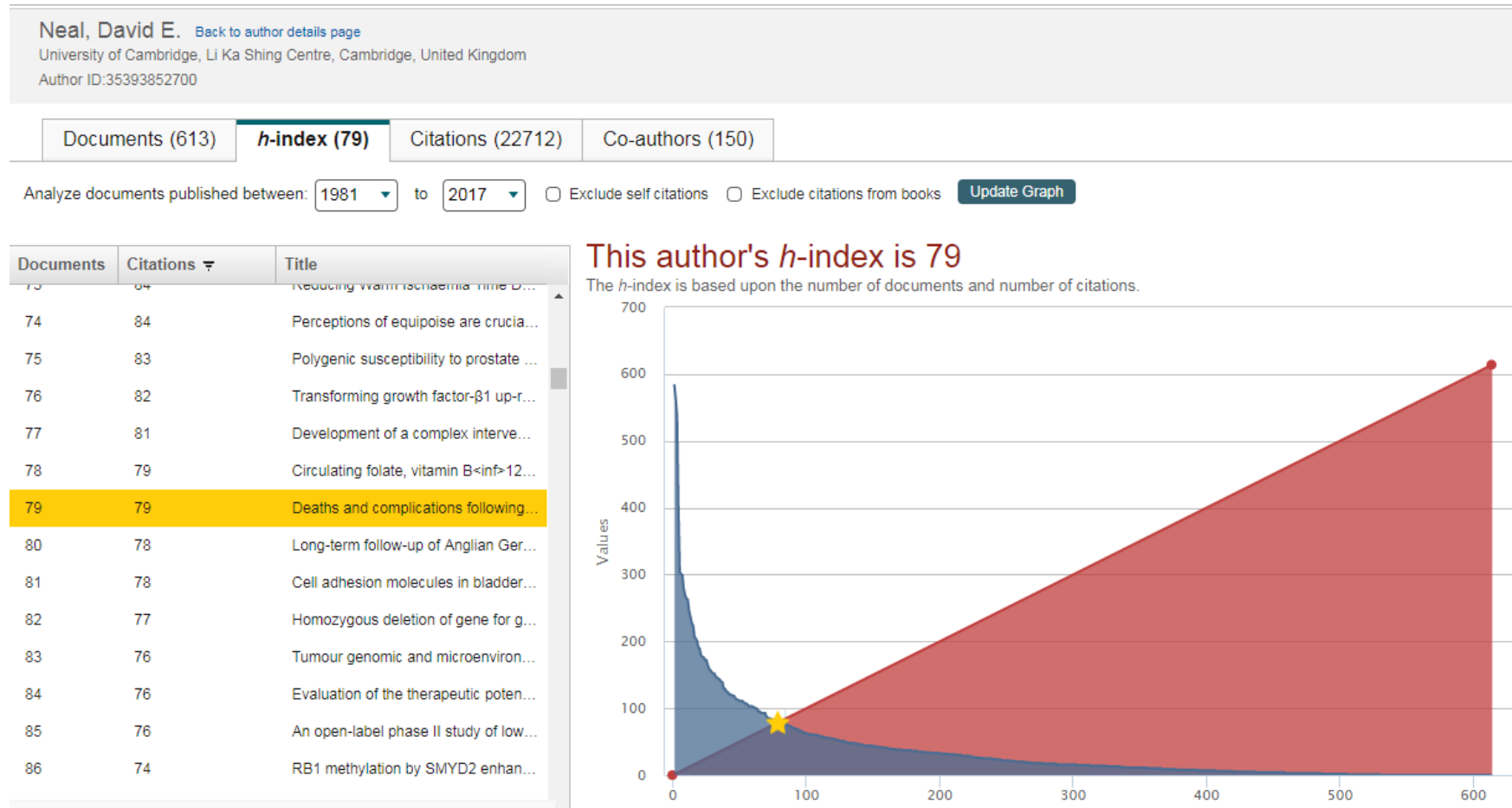
by subject area

Source	Documents ▾
British Journal Of Urology	85
British Journal Of Cancer	39
BJU International	38
Journal Of Urology	35
European Urology	17
International Journal Of Cancer	15
Cancer Epidemiology Biomarkers ...	14
Lancet	14
Nature Genetics	13
Prostate	12
Cancer Causes And Control	11
Oncogene	10
Clinical Cancer Research	9
British Journal Of Surgery	8

Documents by source



# H-index available for period 1970- in Scopus.com





# Further information about David's co-authors

Neal, David E. [Back to author details page](#)

University of Cambridge, Li Ka Shing Centre, Cambridge, United Kingdom

Author ID:35393852700

Documents (613)

*h*-index (79)

Citations (22712)

**Co-authors (150)**

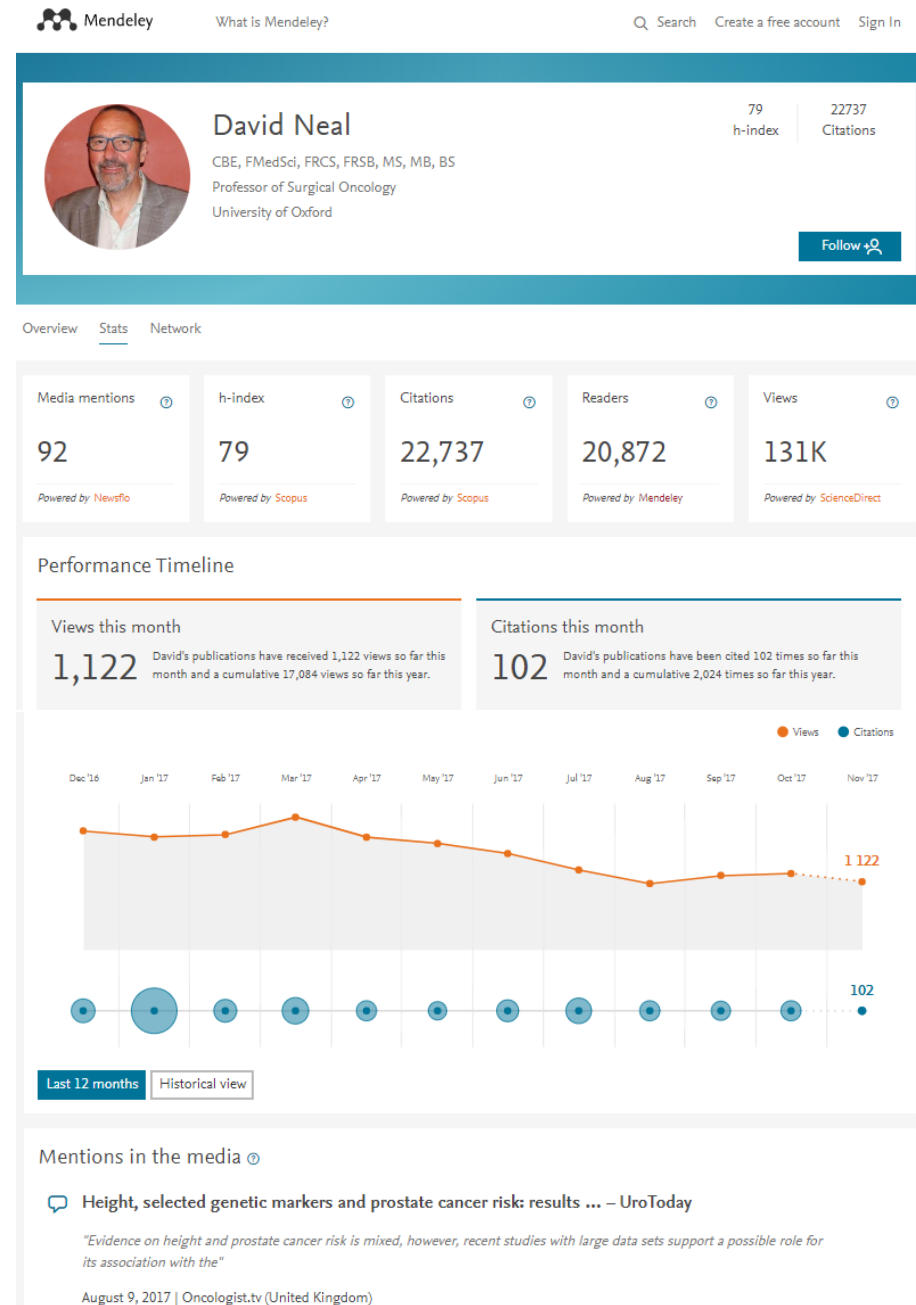
## Co-authors (150)

Co-author	Co-authored Documents ▾	Co-author's Total Documents
Hamdy, Freddie Charles	201	<a href="#">View Total Documents</a>
Donovan, Jenny L.	174	<a href="#">View Total Documents</a>
Lane, J. Athene	78	<a href="#">View Total Documents</a>
Martin, Richard Michael	74	<a href="#">View Total Documents</a>
Eeles, Rosalind A.	58	<a href="#">View Total Documents</a>
Warren, Anne Yvonne	56	<a href="#">View Total Documents</a>
Kóte-Jarai, Zsolia Sofia	51	<a href="#">View Total Documents</a>
Easton, Douglas F.	51	<a href="#">View Total Documents</a>
Metcalfe, Chris	50	<a href="#">View Total Documents</a>
Robson, Craig Nigel	48	<a href="#">View Total Documents</a>
Robinson, Mary C.	38	<a href="#">View Total Documents</a>
Muir, Kenneth Ross	38	<a href="#">View Total Documents</a>
Davis, Michael J.	38	<a href="#">View Total Documents</a>
Leung, Hing	36	<a href="#">View Total Documents</a>

# See your Readers & Views\* in Mendeley stats too!

<https://www.mendeley.com/profiles/david-neal12/stats/>

\* Views currently only from  
ScienceDirect



## 6. Creating Research Areas in SciVal to explore topics and identify key authors and institutions

## SciVal modules

SciVal offers quick, easy access to the research performance of 220 nations and >9k research institutions worldwide.



### Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Go to Overview](#)



### Benchmarking

Compare and benchmark your Institution to other institutions, Researchers and Groups of Researchers using a variety of metrics.

[Go to Benchmarking](#)



### Collaboration

Explore the collaboration network of both your Institution and other Institutions.

[Go to Collaboration](#)



### Trends NEW

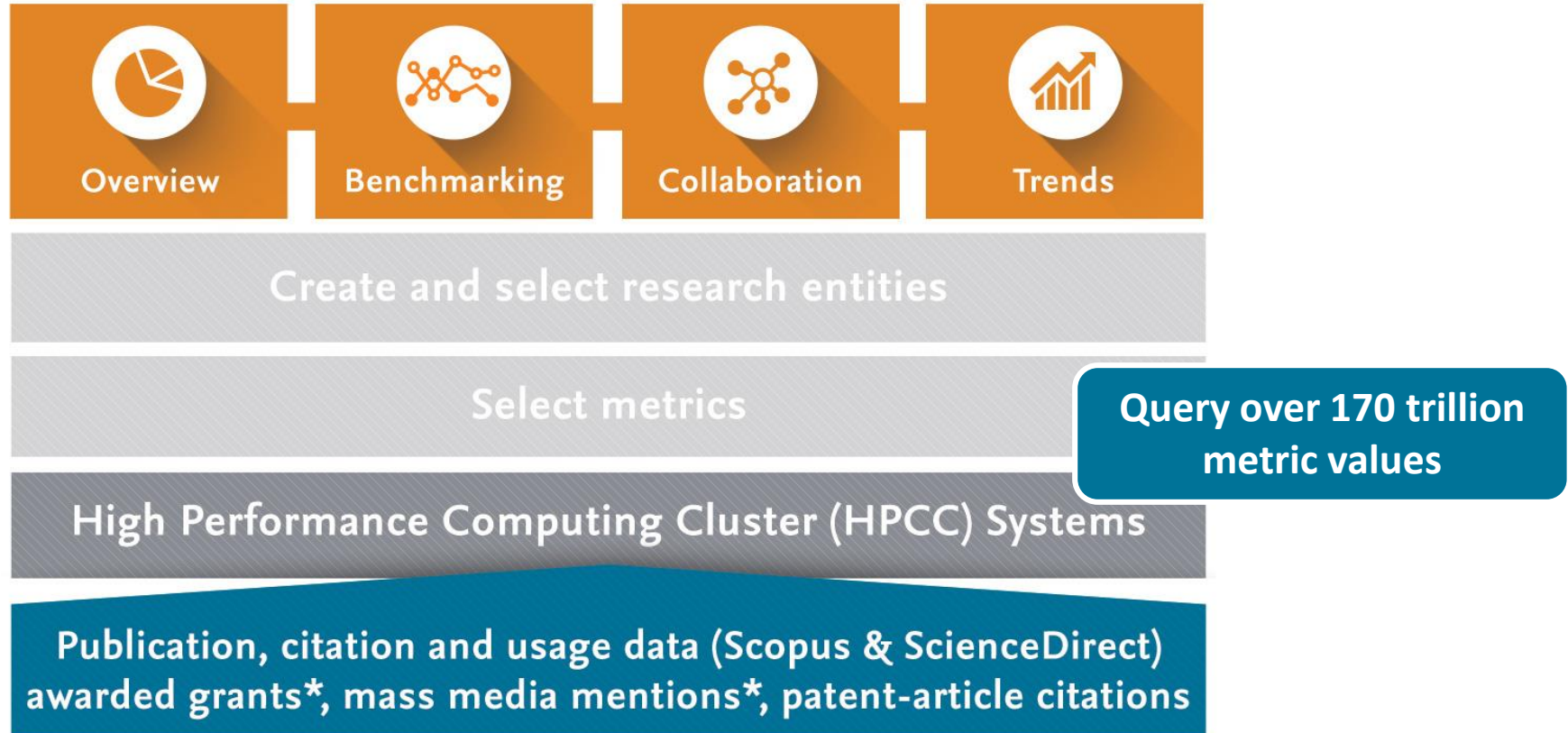
Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

[Go to Trends](#)

NUI Galway subscribes to all four modules

## What is SciVal?

Using advanced data analytics super-computer technology, SciVal allows you to instantly process an enormous amount of data to generate powerful data visualizations on-demand, in seconds.



# Accessing SciVal at [www.scival.com](http://www.scival.com)

SciVal

Scopus SciVal

## Login

SciVal is a ready-to-use solution with unparalleled power and flexibility, which enables you to navigate the world of research and devise an optimal plan to drive and analyze your performance.

(\*=required fields)

**Login using your Elsevier credentials**

Username:  \*

Password:  \*

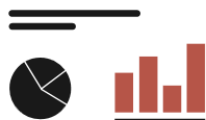
☒ Remember me

[Forgotten your username or password?](#)

If not, [Register Now](#)

New to SciVal? [Find out](#) what the new generation of SciVal can do for you.

Configure, visualize and export information according to your personal needs through SciVal's integrated modular platform:



### Overview

Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.



### Benchmarking

Compare and benchmark your Institution to other Institutions, Researchers and Groups of Researchers using a variety of metrics.



### Collaboration

Explore the collaboration network of both your Institution and other Institutions.



### Trends

Get the current scientific trends to determine a new research strategy, find collaboration opportunities and rising stars.

Don't have access to SciVal? Complete the [consultation request form](#) to be contacted by your local account manager.

If you haven't previously registered for Scopus or ScienceDirect then please go to **Register Now**

## Two Golden Rules of using research metrics

Always use both qualitative  
and quantitative input into  
your decisions

Always use more than one  
research metric as the  
quantitative input

- Metrics should be used together with peer review and expert opinion
- When metrics and peer review or expert opinion give different answers, probe further
- “Metrics” does not only mean bibliometrics
- Multiple metrics used together give the richest perspective



# Three options for Research Areas: Keywords, Entities or Competencies

## Define a new Research Area

1. Create definition

2. Refine definition

3. Save definition

Use search terms

Use entities

Use competencies

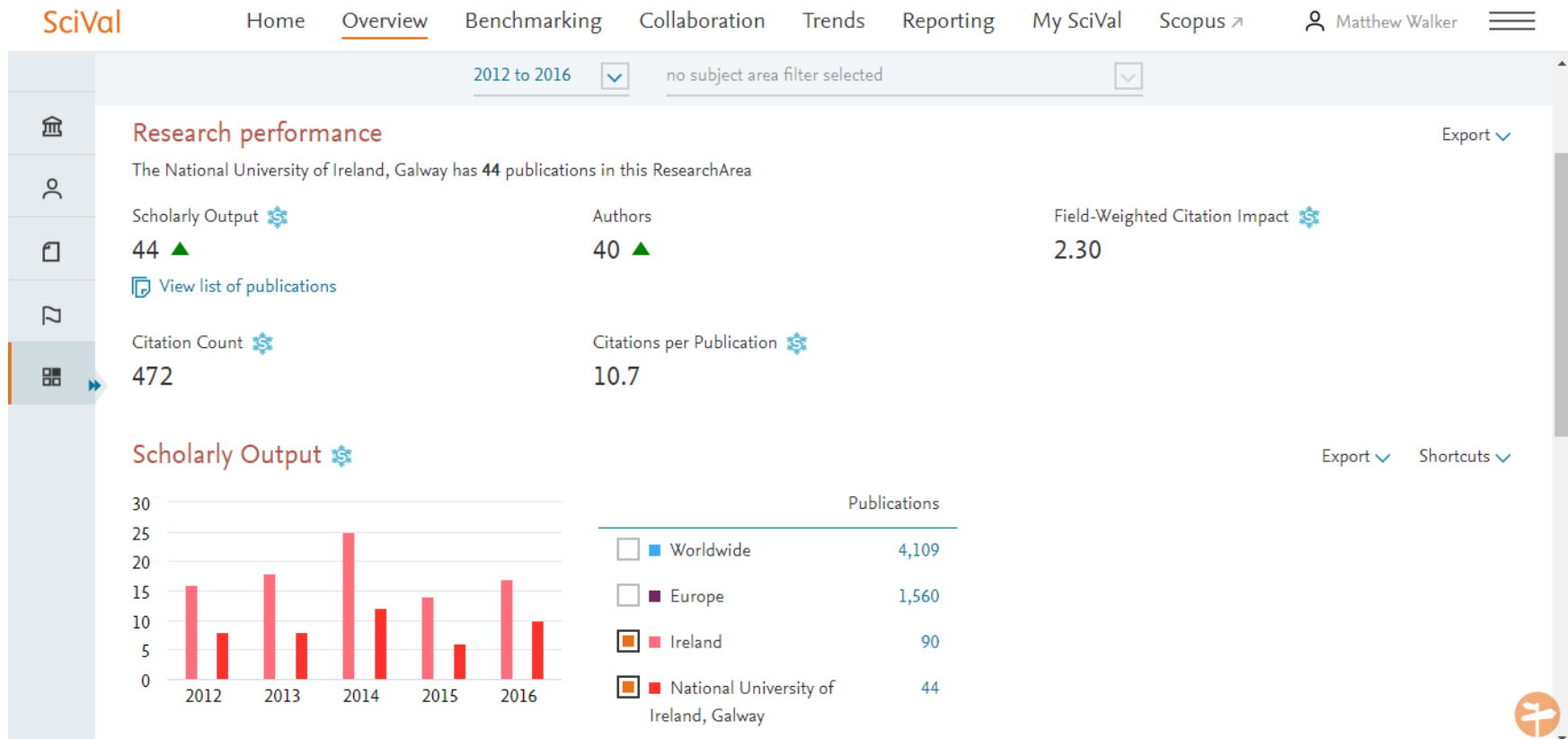
Define a new Research Area based on one or more search terms

Enter search terms

Type important terms (e.g. solar flare) or an exact word or phrase (e.g. "solar flare") [More tips](#)

[+ Add another field](#)

# Sample Research Area: macroalgae OR kelp OR "kelp forest"



## 7. Looking for new collaborators and potential competitors in SciVal Collaboration module

# Use your research area as a filter in SciVal Collaboration: collaborators for macroalgae OR kelp OR "kelp forest"

SciVal

Home Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ↗

Matthew Walker

2012 to 2016

macroalgae or kelp or "kelp forest"...

Institution ↑	Co-authored publications ↓	Co-authors at the National University of Ireland, Galway	Co-authors at the other institution	Field-Weigh... ↓
Teagasc - Irish Agriculture and Food Development Authority	8	3	13 ▼	1.56
CNRS	6 ▲	7 ▲	13 ▲	1.72
University College Cork	6 ▼	11 ▼	11 ▼	1.05
University College Dublin	4 ▲	6 ▲	2 ▲	1.46
Bangor University	3	1	2	2.61
CSIC	3	3	8 ▼	0.92
Nantes Atlantic National College of Veterinary Medicine, Food Science and Engineering	3	4	2	2.27
Station Biologique de Roscoff	3 ▲	3 ▲	4 ▲	1.18
Universite Pierre et Marie Curie	3 ▲	3 ▲	4 ▲	1.18
Universite de Nantes	3	4	2	2.27
University of Limerick	3 ▲	4 ▲	4 ▲	0.97













# Explore prolific institutions and authors in SciVal

## Trends: macroalgae OR kelp OR "kelp forest"

← → ↻ Secure | <https://www.scival.com/trends/institutions/table?uri=Customer/319003/ResearchArea/97886> ☆ 📺 ⋮

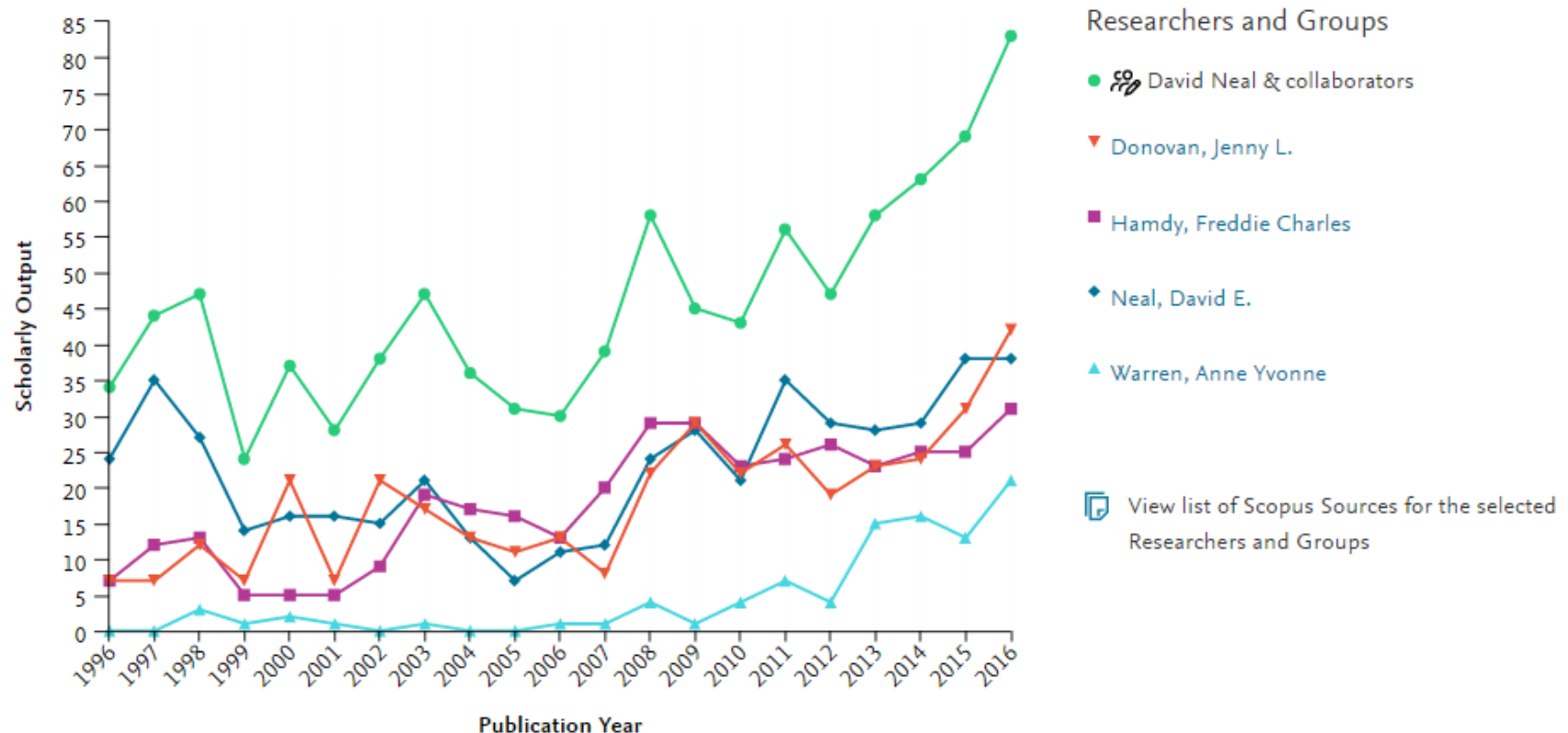
SciVal Home Overview Benchmarking Collaboration Trends Reporting My SciVal Scopus ↗ Matthew Walker ☰

2012 to 2016 ▼ no subject area filter selected ▼


<input type="checkbox"/>	Institution	Scholarly Output ↓	Outputs in To... ▼	Publications i... ▼
1. <input type="checkbox"/>	 CNRS	135	11	79
2. <input type="checkbox"/>	 Chinese Academy of Sciences	119	2	61
3. <input type="checkbox"/>	 James Cook University Queensland	98	18	75
4. <input type="checkbox"/>	 Universidade do Porto	95	8	65
5. <input type="checkbox"/>	 University of California at Santa Barbara	81	7	53
6. <input type="checkbox"/>	 Universite Pierre et Marie Curie	78	6	49
7. <input type="checkbox"/>	 CSIC	75	11	51
8. <input type="checkbox"/>	 University of Western Australia	75	10	40
9. <input type="checkbox"/>	 University of Tasmania	60	6	35
10. <input type="checkbox"/>	 CAS - Institute of Oceanology	58	0	31
11. <input type="checkbox"/>	 CONICET	54	1	9
12. <input type="checkbox"/>	 Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI)	53	2	20

## 8. Benchmarking yourself against others for grant applications and promotion panels

# Compare output & other metrics in SciVal Benchmarking



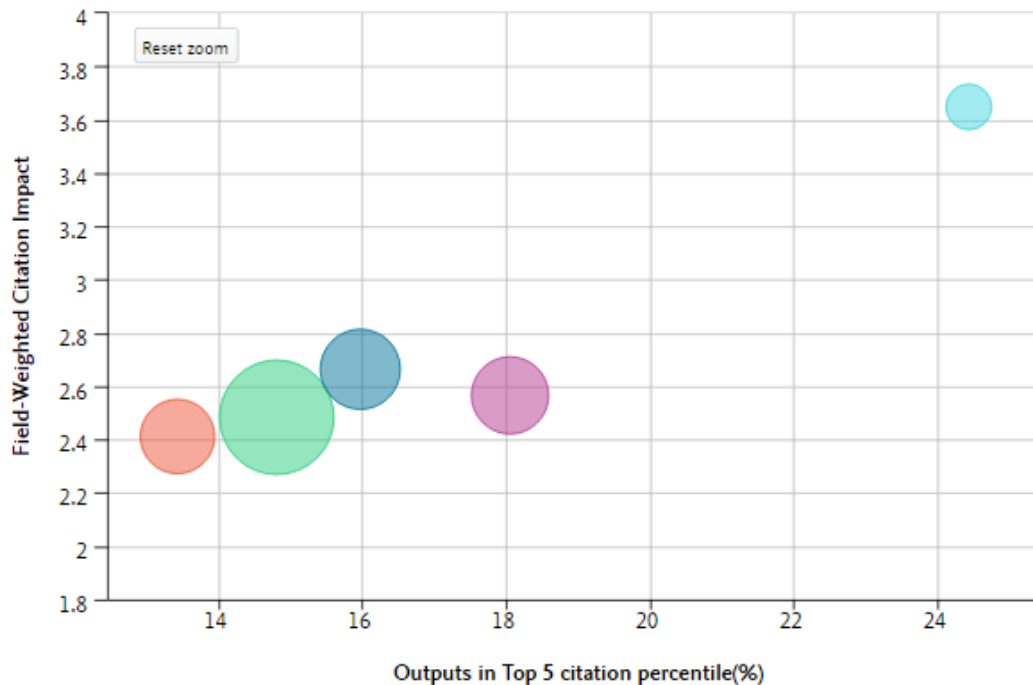
## Metrics details

y-axis: Scholarly Output   
Types of publications included: all.

x-axis: Publication Year



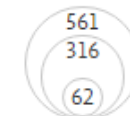
# Remember to use multiple metrics!



## Researchers and Groups

- David Neal & collaborators
- Donovan, Jenny L.
- Hamdy, Freddie Charles
- Neal, David E.
- Warren, Anne Yvonne

View list of Scopus Sources for the selected Researchers and Groups



Scholarly Output

## Metrics details

- y-axis: **Field-Weighted Citation Impact**   
Types of publications included: all. Self-citations included: yes.
- x-axis: **Outputs in Top 5 citation percentile** (In top 5% of World, %)  
Types of publications included: all. Self-citations included: -. Field-weighted: yes
- Bubble size: **Scholarly Output**   
Types of publications included: all.

# View list of Scopus Sources for complete portfolio

## List of Scopus Sources

Year range: 1996 to 2016

Export Shortcuts

View the Scholarly Output of the selected entities, by Scopus Source:

Scopus Source	CiteScore ▼ ↓	David Neal & collaborators	Donovan, Jenny L.	Hamdy, Freddie Charles	Neal, David E.	Warren, Anne Yvonne
Nature Genetics	23.17	13	8	8	13	3
Cancer Cell	16.27	1	0	0	1	1
Nature	14.38	2	0	0	1	1
Genome Research	14.30	2	0	0	2	0
Nature Medicine	14.24	1	0	0	1	0
Science	13.12	1	0	0	0	1
New England Journal of Medicine	12.50	2	2	2	2	0
Nature Communications	11.23	7	1	5	4	2
Journal of Clinical Investigation	11.10	2	0	1	0	1
The Lancet Oncology	10.75	8	4	5	6	1

Show next 100 Scopus Sources

Publishing in prestigious sources may not necessarily result in high citation!  
Choose the most appropriate source for your work.

# Use Sources in Scopus to see journal metrics for content indexed in Scopus.com

Scopus

Search

Sources

Alerts

Lists

Help ▾

SciVal ↗

Matthew Walker ▾



## Sources

### Introducing CiteScore metrics for serials

We are proud to introduce CiteScore metrics from Scopus – comprehensive, current and free metrics for serial titles in Scopus. Search or browse below to find a source and see the new metrics. Use the annual metrics for reporting, and the 2016 metrics for up-to-date tracking.

Be sure to use qualitative as well as the below quantitative inputs when presenting your research impact, and always use more than one metric for the quantitative part.



Search for a source

Browse sources[Download Scopus Source List](#) ⓘ

Agricultural and Biological Scien... ▾

☐ Display only Open Access journals ⓘ

Display sources

All

|

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

## Case Study: Aarhus University

The team faces two main challenges with regards to securing funding:

1. The first is that the research landscape in Europe has evolved to become more multi-disciplinary, which makes submitting suitable researchers for a funding call more complex.
2. Secondly the competition for the funding calls has also intensified, so the team needs to ensure that their researchers are supported with evidence to help differentiate them from external candidates.



## Recap

1. A brief introduction to Scopus & its coverage
2. How to stay up to date in your field, how to personalize Scopus and set alerts to save you time finding relevant information
3. Advanced search tips for in-depth literature searches, how to analyse and export information, and create lists
4. How to view citation trends for a set of documents, find all publications citing a specific document (or set of documents) and discover the overall impact of publications in a research area
5. Author Profiles and ORCID. Why this is important to check your Author profile and how to use author search find future collaborators / competitors on your topic
6. Creating Research Areas in SciVal to explore topics and identify key authors and institutions
7. Looking for new collaborators and potential competitors in SciVal Collaboration module
8. Benchmarking yourself against others for grant applications and promotion panels

Elsevier Research Intelligence

## Find out more

Scopus <https://www.brighttalk.com/channel/13703/scopus>


SciVal <https://www.brighttalk.com/channel/13819/elseviers-research-intelligence>

NUI Galway SciVal <http://www.nuigalway.ie/institutionalresearchoffice/research-metrics/>



Contact:

[m.walker.1@elsevier.com](mailto:m.walker.1@elsevier.com)

 [orcid.org/0000-0003-2096-0407](https://orcid.org/0000-0003-2096-0407)



See *pro bono* Elsevier reports in the Research Intelligence Resource Library including **Gender in a Global Research Landscape**  
<https://www.elsevier.com/research-intelligence/resource-library/gender-report>

[www.elsevier.com/research-intelligence](http://www.elsevier.com/research-intelligence)