



THE UNIVERSITY OF
MELBOURNE

Using Metrics in Grant Applications

Research Support & Evaluation
Faculty of Medicine, Dentistry and Health Sciences
29 August 2022





Introduction and overview

12.05 – 12.25 pm	Patrick Condon How to find metrics? What are some of the most useful metrics?
12.25 – 12.45 pm	Barbara Slattery Responsible use of metrics Some non-standard approaches to metrics
12.45 – 12.55 pm	Dr Jesse Young How to use metrics effectively to best argue your case? A successful NHMRC Investigator Grant applicant's perspective
12.55 – 1.05 pm	Dr Kate Hayward Importance and benefits of using social media to communicate your research
1.05 – 1.30 pm	Q n A



Metric Sources



SciVal



Scopus

InCites



WEB OF SCIENCE™

Google Scholar





Metric and Impact Links and Services

Library

<http://library.unimelb.edu.au>

- Access via Databases, Discovery or Catalogue (SciVal, Scopus, Incites, Web of Science, Dimensions, Altmetric Explorer)

Researcher Guides

https://library.unimelb.edu.au/library-guides#for_researchers

- Research Impact : use of metrics, links to funder and University sites, Minerva
- Research Impact for STEMM : instructions and examples, services links, profile page information
- Altmetrics : social media metrics, downloads, media mentions, policy mentions, Google Scholar
- Dimensions : grants benchmarking, patent citations, policy citations, article citations
- Biomedical Research Translation : market sizes for therapeutics
- Researcher profiles, identifiers and social networks : Orcid, Author identifiers, ResearchGate, Academia.edu

Researcher Support Services : Bibliometrics

<https://library.unimelb.edu.au/research/researcher-support#bibliometrics>

- Research Impact Library Advisory Service, Research Consultations
- Links to Guides and University Research Impact site





Instructions for Different Metrics

[Library Guides](#) / [Guides for Advanced Researchers](#) / [Research Impact for STEM - a self-help guide](#) / [International Reach](#)

Research Impact for STEM - a self-help guide

This guide will assist researchers in the STEM disciplines to find bibliometrics to demonstrate the impact of their research outputs.

Home
Create an Overview Report - SciVal
Author Metrics Profiles
Author Metrics
Article Metrics
Journal Metrics
Other Metrics
Benchmarking versus 'like academics' or global field of research
Benchmarking against field of research in Australia
SciVal Topics & Topic Clusters
SciVal Research Areas
International Reach
International Collaboration
Outputs in Top Citation Percentiles
Further Help
Help us improve!

International Reach - Scopus - Example Statement

The study has been cited by researchers in 20 countries including five papers by Chinese researchers.

Filter by country/territory

☐ United States	(40) >	☐ Austria	(1) >	☐ Undefined	(1) >
☐ Australia	(26) >	☐ Brazil	(1) >		
☐ Canada	(21) >	☐ Colombia	(1) >		
☐ United Kingdom	(12) >	☐ Denmark	(1) >		
☐ China	(5) >	☐ Estonia	(1) >		
☐ France	(4) >	☐ Iran	(1) >		
☐ Germany	(3) >	☐ Italy	(1) >		
☐ Mexico	(2) >	☐ Netherlands	(1) >		
☐ Sweden	(2) >	☐ Turkey	(1) >		
☐ Argentina	(1) >	☐ Uganda	(1) >		

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Single publication

1. Go to [Scopus](#)
2. Search for paper or author name
3. From paper record click on "View all .. citing documents"
4. Scroll down to Country/Territory limit. Count number of citing countries.

All of your publications

1. Go to [Scopus](#)
2. Go to author profile (click on your name from within a record for a paper)
3. Click on "Cited by ... documents"
4. Click "View all in search results format"

unimelb.libguides.com/ResearchImpactSTEMM



Additional Services

Research Gateway

<https://gateway.research.unimelb.edu.au/>

Staff Hub : Search for “media coverage”

<https://staff.unimelb.edu.au/>

- Access to Isentia for media monitoring

The screenshot displays the Isentia media monitoring dashboard. The top navigation bar includes the Isentia logo, a search bar with the query 'nick haslam', and a 'Support' link. The left sidebar contains a 'MONITOR' section with links for 'Coverage', 'Live Alerts', and 'Purchased Content'. Below this is a 'CONNECT' button for Facebook. The main content area shows a list of search results for 'nick haslam'. Each result includes a checkbox, a media outlet or article title, the author, the date and time, and a dropdown menu. The results are as follows:

Media Outlet / Article	Author	Date and Time
ABC Radio Adelaide, Adelaide, Drive at 16:50		24 Aug 2022 4:50 PM
University of Melbourne mentioned on Drive at 17:14	By Paul Turton	
ABC Newcastle, Newcastle, Drive at 17:14		23 Aug 2022 5:14 PM
Kenapa Mata Manusia Punya Bagian Berwarna Putih? Ini Penjasannya Kompas.com		
msn.com/id-id		20 Aug 2022 7:57 AM
Kenapa Mata Manusia Punya Bagian Berwarna Putih? Ini Penjasannya	By Zintan Prihatini	
kompas.com		19 Aug 2022 4:06 PM
Therapy dialect is a thing right now—but could it be toxic?	By Clementine Prendergast	
vogue.sg		13 Aug 2022 1:02 PM
The Body Keeps the Score (@PenguinBooks) – a lucid, demanding book on the psychology + neurobiology of trauma – ...	By @The Conversation	
		9 Aug 2022 4:56 PM
The Body Keeps the Score: how a bestselling book helps us understand trauma – but inflates the definition of it	By Nick Haslam	

Metric types

Metric level	Examples	Use
Author Metrics	- total publication count - total citation count - average citations per publication - h-index, h5-index, i10-index - field-weighted citation impact (Scopus) - category normalized citation impact (Web of Science)	- Volume of work - Credibility ; Reach in selected topics - Benchmark against field/country median - Credibility ; Recent involvement - Benchmark against field/topic/selected researchers
Article Metrics	- citation count - field-weighted citation impact (Scopus) - ranking within journal	- Value in discipline - Benchmark against similar papers - Comparative value
Journal Metrics	- Quartile, percentile, ranking within a field - Journal Impact Factor (JIF) (Web of Science) - Cite Score (Scopus) - h5-index (Google Scholar)	- Quality of research outputs - Inclusion in key journals (MAY NOT BE APPROVED)



FWCI : Year and Field Citation Count Average

A patient-centred approach to health service delivery : improving health outcomes for people with chronic illness. *BMC Health Services Research* 2013

FWCI : 4.4

Citations : 72

Avg citations per 2013 paper : 16

Double the citations, same relative impact.



How should we understand family-centred care. *Journal of Child Health Care* 2018

FWCI : 4.9

Citations : 32

Avg citations per 2018 paper : 6.5



Policy mentions

Field	Field Value
Name	Policy Mentions
Can Apply To	Primarily journal articles and books
Metric Definition	The number of times a research output has been cited in policy documents from government bodies or NGOs.
Metric Calculation	The total count of citations to a research output in the policy sources being tracked by the metric provider. Each provider tracks differing manually-curated lists of policy bodies.
Data Sources	Governmental and non-governmental policy documents
Appropriate Use Cases	Policy mentions can be used to demonstrate how research has influenced policy or the course of action in a particular field.
Limitations	Research and researchers may influence policy and decision making in indirect ways that are not always trackable via policy citations (Konkiel, 2016). One study found that “less than 0.5% of the papers published in different subject categories are mentioned at least once in policy-related documents” (Haunschild, 2016). In Altmetric, only those books, book chapters, and journal articles with DOIs can be tracked in policy. It is unknown if PlumX Metrics has similar restrictions.
Inappropriate Use Cases	Policy mentions should not be used as a direct measure of a research output’s effect on practice.
Available Metric Sources	Altmetric , PlumX Metrics



Research Metrics Guidebook (SciVal)



What Metric?

5.2.1 Metric: Collaboration ❄️

Collaboration in SciVal indicates the extent to which an entity's publications have international, national, or institutional co-authorship, and single authorship.

Use of the Metric

This metric is useful to:

- Explore the extent of international and other types of collaboration within a data set
- Benchmark the collaboration of entities of different sizes, but in similar disciplines:
 - It is advised to select the "Percentage" option when comparing entities of different sizes, to normalize for this variable.
- Showcase extensive international collaboration that may underpin a set of scholarly output

Appropriate Use Considerations

This metric should be used with care when:

- Benchmarking the collaboration of entities in different disciplines:
 - The typical collaborative behavior of academics may differ between disciplines, such as mathematics and medicine, or humanities and molecular biology.
 - It is not advisable to use this metric to compare entities in distinct disciplines without accounting for these differences.
 - When comparing entities made up of a mixture of disciplines, such as an Institution, or a Group of Institutions such as a US state, it is advised to apply the Research Area filter to focus on one field that is common between all the entities. It is also advised to use field weighting to help offset this affect.

Tell a story! Examples from successful applications

...the code review process. My *Field-Weighted Citation Impact (FWCI)* index for 2014 – 2018 is 4.12 (SciVal), indicating that my publications have been cited over three times more than the world average for similar publications in my field. My algorithms [7, 10] to recommend appropriate reviewers received 152 total citations with a FWCI index of 13.41 (SciVal). The algorithms also have been applied in large software organisations e.g., Microsoft and JetBrains.

This analytical model has been examined and used elsewhere in the literature^{12,13}. This topic resulted in several publications in *Lab on a Chip* and *Analytical Chemistry*. These five publications on this topic have garnered between 12-23 citations each in 2018 alone.

journals like *Advanced Materials*, *Advanced Functional Materials*, *Nano Energy*, etc. More importantly, my publications have been well received by the research community worldwide with a continuously increasing number of citations (45 in 2013, 92 in 2014, 168 in 2015, 316 in 2016, and 461 in 2017) since 2012. In recognition of my research excellence, I was awarded a National Natural Science Fund of China (NSFC).

created 2D patterns of spatially separated individual cells¹¹, and created spatially selective acoustic standing wave regions with a pulsed waveform methodology¹⁶. I have built up a substantial body of work in this area, with 25 relevant publications and more than 944 citations. The fabrication of acoustic devices will take place at the Melbourne Center for Nanofabrication, which has the necessary equipment required for photolithography and thin film deposition. The cell



Google Scholar vs Scopus/Web of Science

Peer Review Journals, Theses, Institute Repositories, Reports

vs

Quality Checked Peer Review Journals

Scholar : 6 citations vs Scopus/WoS : 2 citations

Australian dietitians' perceptions of the healthiness of packaged foods

[R Thurecht](#) - research.usc.edu.au

There is variation in the food healthiness perceptions of nutrition professionals and explanations of variance to-date, has focused on foods' nutrient content. However, literature suggests ...

☆ Save ⓘ Cite Related articles ⌕

The influence of current food and nutrition trends on dietitians' perceptions of the healthiness of packaged food

[RL Thurecht](#), [FE Pelly](#), [SL Cooper](#) - Public Health Nutrition, 2020 - cambridge.org

... This study explored the influence of current food and nutrition trends on **Australian dietitians' perceptions of the healthiness of packaged foods**. The greatest consensus among dietitians ...

☆ Save ⓘ Cite Cited by 2 Related articles All 10 versions



[HTML] **To like or not to like:** Negotiating food assessments of children from families with a low socioeconomic position

[A van der Heijden](#), [H Te Molder](#), [B Huma](#), G Jager - Appetite, 2022 - Elsevier

The present study explored how primary school-aged children from families with a low socioeconomic position produce 'likes' and 'dislikes' of foods during everyday family meals, and how these (dis) likes are understood and treated by their parents. It is crucial to understand how food preferences develop in the course of everyday life, as it is known that there are socioeconomic disparities in food preference and consumption, and that children from families with a low socioeconomic position have relatively poorer diets. Deploying an ...

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[PDF] **To like or not to like:** On negotiating taste in children from families with a low socioeconomic position

[A van der Heijden](#) - 2022 - library.wur.nl

The present study investigated implicit and explicit associations between food healthiness, tastiness and liking, as held by primary school-aged children and parents with a lower socioeconomic position (SEP). In the Netherlands, diet quality is suboptimal in primary school-aged children (eg, Van der Velde et al.(2019)). This is also the case in other high income countries (WHO, 2016). This is problematic, because food choices and preferences developed in early childhood greatly affect food preferences and eating practices later in life ...

☆ Save ⓘ Cite All 4 versions ⌕

Dietary habits and functional limitation of older Brazilian adults: evidence from the Brazilian National Health Survey (2013)

[EA Valle](#), [JVM Mambrini](#), [SWV Peixoto](#), [DC Malta](#)... - 2016 - arca.fiocruz.br

Objective: To compare the consumption of selected healthy and unhealthy food groups among elderly Brazilians with daily living activity limitations relative to those with no limitations. Design: Cross-sectional analyses of a nationally representative survey. Setting: The Brazilian National Health Survey, conducted in 2013. Subjects: 11,177 Brazilians aged 60 and over. Results: The prevalence of daily living limitations was 29%(95% CI 27.6, 30.5). The consumption of daily meat, beans on a regular basis, and recommended fruit and ...

☆ Save ⓘ Cite Cited by 2 Related articles All 3 versions ⌕

Dietary Habits And Functional Limitation Of Older Brazilian Adults: Evidence From The Brazilian National Health Survey (2013)

[E Alves Valle](#), [J Vaz de Melo Mambrini](#)... - Journal of Aging ..., 2016 - discovery.ucl.ac.uk

OBJECTIVE: To compare the consumption of selected healthy and unhealthy food groups among elderly Brazilians with daily living activity limitations relative to those with no limitations. DESIGN: Cross-sectional analyses of a nationally representative survey. Setting: The Brazilian National Health Survey, conducted in 2013. SUBJECTS: 11,177 Brazilians aged 60 and over. RESULTS: The prevalence of daily living limitations was 29%(95% CI 27.6, 30.5). The consumption of daily meat, beans on a regular basis, and recommended ...

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Check Your Scopus/Web of Science Profile

Author last name "hopper", Author first name "john" Refined with: (LIMIT-TO (AF-ID , "Melbourne School of Population and Global Health" 60118547))



Edit

☐ Show exact matches only

Refine results

Limit to

Exclude

Affiliation



☐ Melbourne School of Population and Global Health

(3) >

☐ Seoul National University

(2) >

☐ University of Melbourne

(2) >

☐ University of Toronto

(2) >

☐ ACTANE
(Anglo/Canadian/Texan
/Australian
/Norwegian/EU Biomed)

(1) >

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All

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Save to author list

	Author	Documents	<i>h</i> -index ⓘ	Affiliation	City	Country/Territory
☐ 1	Hopper, John Llewelyn LHopper, John Hopper, John L. HOPPER, JOHN L.	1251	134	University of Melbourne	Parkville	Australia
	View last title ▾					
☐ 2	Hopper, John L. Hopper, John	43	7	Melbourne School of Population and Global Health	Melbourne	Australia
	View last title ▾					
☐ 3	Hopper, John L.	1	0	Melbourne School of Population and Global Health	Melbourne	Australia

What you get from where?



Scopus : Researcher Profile (All Years)

This author profile is generated by Scopus [Learn more](#)

Bohren, Meghan A.

[Melbourne School of Population and Global Health](#), Melbourne, Australia [Show all author info](#)

[SC 56158633300](#) [Connect to ORCID](#)

[Edit profile](#) [Set alert](#) [Save to list](#) [Potential author matches](#) [Export to SciVal](#)

Metrics overview

90

Documents by author

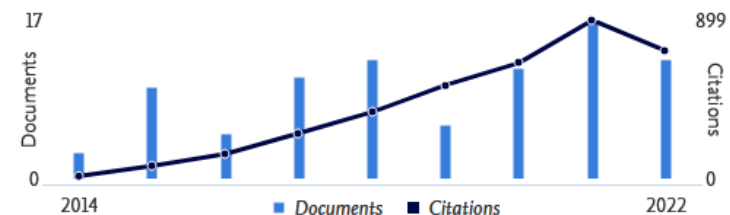
3726

Citations by **2310** documents

29

h-index: [View h-graph](#)

Document & citation trends



[Analyze author output](#) [Citation overview](#)

Most contributed Topics 2017–2021

Maternal Health Services; Prenatal Care; Pregnancy

[30 documents](#)

Home Childbirth; Parturition; Maternity Ward

[4 documents](#)

Evidence Synthesis; Systematic Review; Qualitative Research

[4 documents](#)

[View all Topics](#)

90 Documents

Cited by 2310 Documents

2 Preprints New

334 Co-Authors

18 Topics

0 Awarded Grants Beta

[Export all](#) [Save all to list](#)

Sort by [Date \(newest\)](#) [v](#)

Article • *Open access*

Quality newborn care in East New Britain, Papua New Guinea: measuring early newborn care practices and identifying opportunities for improvement

0

Citations

More
Here

[View list in search results format](#)

[View references](#)

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SciVal Overview : Researcher View (10 Year)

Bohren, Meghan A. ☆

University of Melbourne ... [Show all affiliations](#) | [View in Scopus](#) | [Is this you?](#)

2012 to 2021



All subject areas



ASJC



[Data sources](#)

[Report from template](#)

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Images

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Tabs

[Summary](#) [Topics](#) [Collaboration](#) [Published](#) [Viewed](#) [Cited](#) [Patent Impact](#)

[+ Add Summary to Reporting](#) [Export](#)

Overall research performance

[+ Save analysis](#)

77

Scholarly Output

92.2% All Open Access

[View list of publications](#)

3.83

Field-Weighted Citation Impact

[Yearly breakdown](#)

3,714

Citation Count

48.2

Citations per Publication

29

h-index

18

h5-index

Publication share by Subject Area

[+ Save analysis](#)

[Donut Chart](#)



Segment size represents relative publication share per Subject Area. Note that a publication can be mapped to multiple Subject Areas. [Learn more](#)



SciVal Overview : Scopus Topic View (10 year)

Topic T.598 | part of Topic Cluster TC.424 - Health; Delivery Of Health Care; Women

Maternal Health Services; Prenatal Care; Pregnancy ☆

Report from template

At the University of Melbourne

2012 to 2021 ▾ All subject areas ▾ ASJC ▾ Data sources

Summary Collaboration Published Viewed Cited **Authors** Institutions Patent Impact

Authors

Metric guidance + Save analysis Export ▾

Top 100 authors in Australia ▾ in this Topic, by Scholarly Output over the period 2012 to 2021

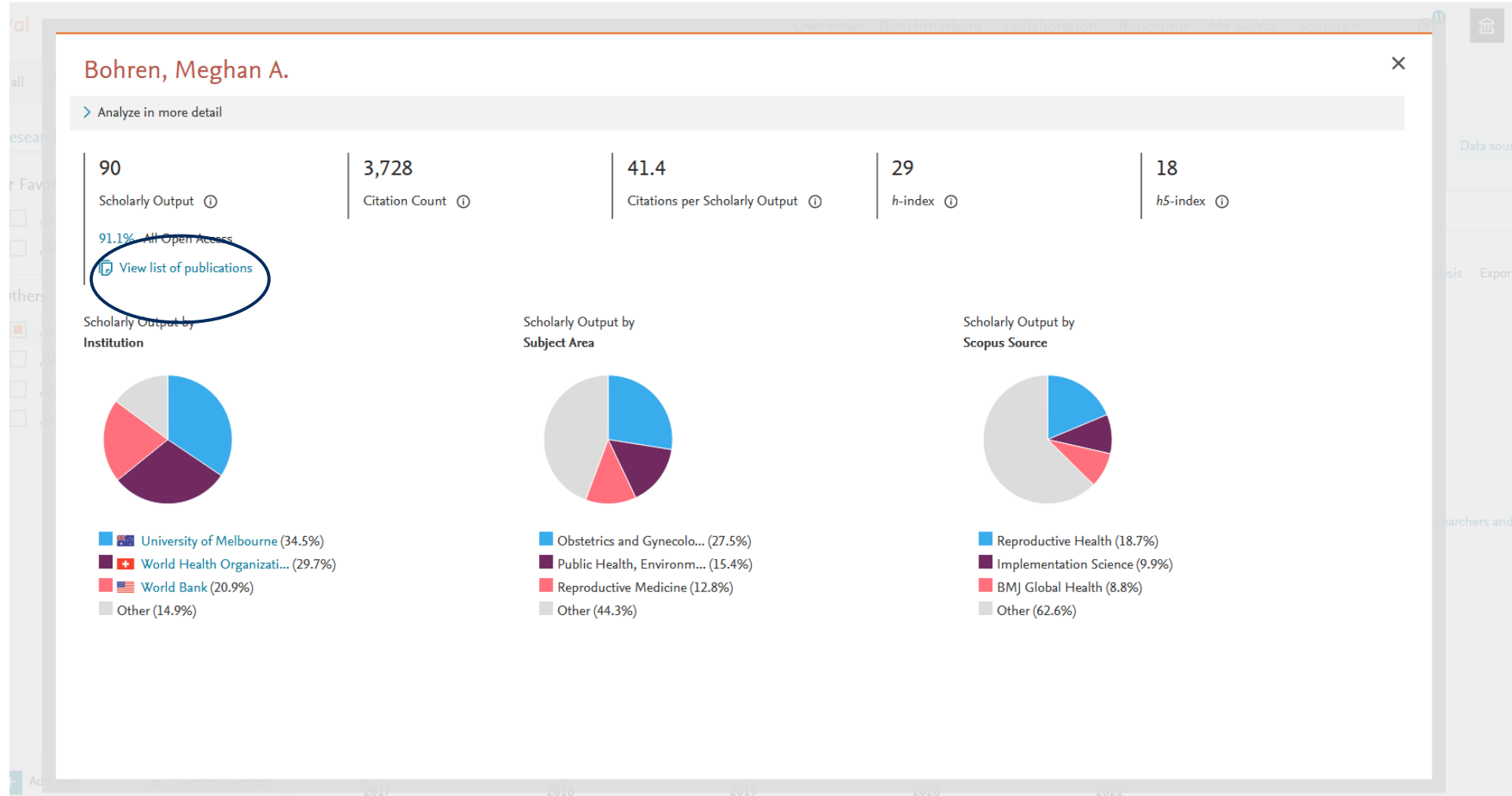
Add to panel + New group

	☐ Name	Scholarly Output ▾	Citations ▾	h-index
1.	☐ Ameyaw, Edward Kwabena	29	89	11
2.	☐ Loxton, Deborah J.	27	407	30
3.	☐ Ahinkorah, Bright Opoku	25	98	15
4.	☐ Chojenta, Catherine L.	21	366	21
5.	☐ Seidu, Abdul Aziz	18	58	13
6.	☐ Bohren, Meghan A.	17	362	29
7.	☐ Homer, Caroline S.E.	15	220	43
8.	☐ Smith, Roger	14	249	47
9.	☐ Morgan, Alison	13	165	12
--	☐ ...	--	---	--



SciVal : Benchmarking Researcher View (All Years)

Click on Your Name next to the Table or Chart





SciVal : Benchmarking Researcher Publication View : Export to Spreadsheet

Publications by Bohren, Meghan A.

Year range: 1996 to >2022

Export

Authors

☐ Bohren, M.A.	90
☐ Tunçalp, Ö.	38
☐ Vogel, J.P.	38
☐ Gülmezoglu, A.M.	24
☐ Oladapo, O.T.	22

Show more View all

Institutions

☐ World Health Organization	67
☐ World Bank	52
☐ University of Melbourne	51
☐ Johns Hopkins University	30
☐ United Nations Children's Fund	19

Show more View all

Publication years

☐ 2022	13
☐ 2021	17
☐ 2020	12

Apply filter

Options

90 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Field-Weight...
The Mistreatment of Women during Childbirth in Health Facilities Globally: A Mixed-Methods Systematic Review <i>Open Access</i> View abstract View in Scopus	Bohren, M.A., Vogel, J.P., Hunter, E.C. and 12 more	2015	PLoS Medicine	44.71
The impact of COVID-19 on the provision of respectful maternity care: Findings from a global survey of health workers <i>Open Access</i> View abstract View in Scopus	Asefa, A., Semaan, A., Delvaux, T. and 8 more	2022	Women and Birth	27.38
Applying GRADE-CERQual to qualitative evidence synthesis findings: Introduction to the series <i>Open Access</i> View abstract View in Scopus	Lewin, S., Booth, A., Glenton, C. and 10 more	2018	Implementation Science	26.85
How women are treated during facility-based childbirth in four countries: a cross-sectional study with labour observations and community-based surveys <i>Open Access</i> View abstract View in Scopus	Bohren, M.A., Mehtash, H., Fawole, B. and 18 more	2019	The Lancet	22.60
Applying GRADE-CERQual to qualitative evidence synthesis findings-paper 2: How to make an overall CERQual assessment of confidence and create a Summary of Qualitative Findings table	Lewin, S., Bohren, M., Rashidian, A. and 11 more	2018	Implementation Science	14.50



Web of Science : Researcher Profile View (All Years)

VIEWING 2 COMBINED AUTHOR RECORDS

Bohren, Meghan A. *This is an algorithmically generated author record* ⓘ

University of Melbourne
Ctr Hlth Equ
MELBOURNE, VIC, AUSTRALIA

Published names ⓘ Bohren, Meghan A. Bohren, Meghan Bohren, M. A. Bohren, M Bohren, M.

Organizations ⓘ
2018-2022 University of Melbourne
2021-2021 Duke University
2014-2021 The World Bank [Show more](#)

Web of Science ResearcherID: DUA-5270-2022

Are you this Author?

Verify your work, and control how your name, title, institution, and profile image appears in your Web of Science Author Record.

[Claim my record](#)

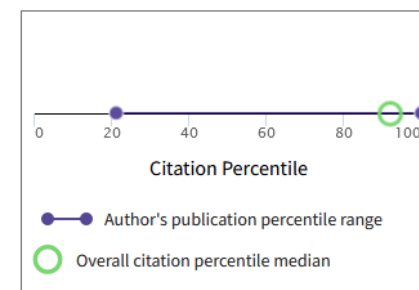
Metrics ⓘ

Web of Science Core Collection metrics

28 H-Index	85 Total Publications
3,574 Sum of Times Cited	2,231 Citing Articles

[View citation report](#)

Author Impact Beamplot Summary ⓘ



Percentile range displays for authors from 1980 to 2020 . View all publications in full beamplot.

Publications

Author Impact Beamplot

85 Publications from the Web of Science Core Collection

[View as set of results](#)

Date: Newest first ▾ All Publications ▾ < 1 of 2 >

Community-based doulas for migrant and refugee women: a mixed-method systematic review and narrative synthesis

[Khaw, Sarah Min-Lee](#) ; [Zahroh, Rana Islamiah](#) ; (...); [Bohren, Meghan A.](#)
Published 2022 | BMJ GLOBAL HEALTH

0
Times
Cited



Incites : Researcher Report View (2000-2022)

Person Name

0000-0002-4179-4682 ✕

ORCID

e.g. 0000-0001-5000-0138



Date range: 2000 2022

Dataset: InCites Dataset

☒ Include ESCI documents ⓘ

Research Output

Collaboration

Most Cited Documents

Overview

H-Index	Documents Published	% Documents in top 10%	Times Cited
27	66	43.94	3,341

Documents Published by WOS Categories

In which categories are authors publishing most?

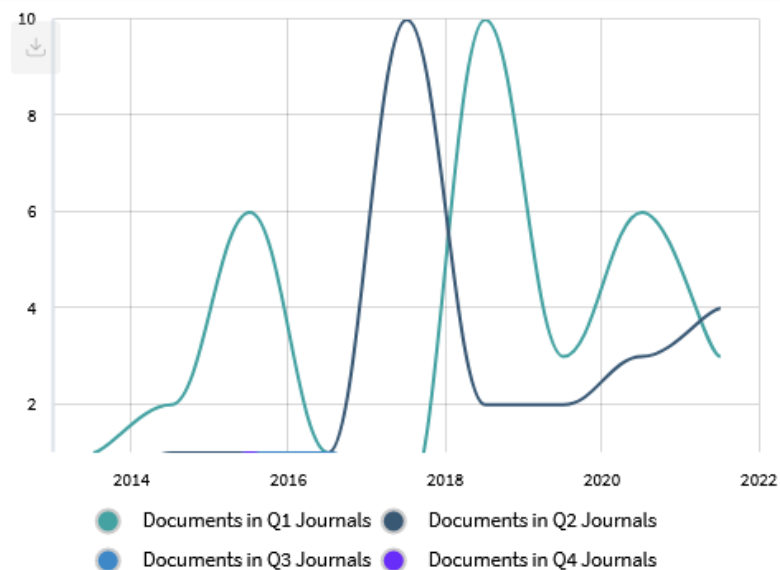


Incites Researcher Report

Performance

Documents Published by JIF Quartile per Year corresponding to their Publication year

How many documents have authors published in highly cited journals?



[View Data](#)

% Documents Published by JIF Quartile corresponding to their Publication year

What percentage of documents have authors published in highly cited journals?



[View Data](#)



Dimensions
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Meghan Ann Bohren

University of Melbourne - Melbourne, Australia

[View Profile](#)

Overview

Publications	Datasets
101	21
Citations 4,721	

The information on this profile has been aggregated algorithmically from several different sources (including publication and public ORCID data).

Experience & Education

PUBLICATIONS
DATASETS
GRANTS
PATENTS
CLINICAL TRIALS
POLICY DOCUMENTS

101
21
3
0
0
selected filter not applicable

☒ Show abstract Sort by: Publication Date ▾

Title, Author(s), Bibliographic reference - [About the metrics](#)

Community-based doulas for migrant and refugee women: a mixed-method systematic review and narrative synthesis

Sarah Min-Lee Khaw, Rana Islamiah Zahroh, Kerryn O'Rourke, Ruth Elizabeth Dearnley, Caroline Homer, Meghan A Bohren
2022, BMJ Global Health - Article

BACKGROUND: Community-based doulas share the same cultural, linguistic, ethnic backgrounds or social experiences as the women they support. Community-based doulas may be able to bridge gaps for migran... [more](#)

43
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 Add to Library

Crowdfunding for health research: a qualitative evidence synthesis and a pilot programme

Eneyi Edith Kpokiri, Clarisse Sri-Pathmanathan, Priyanka Shrestha, Sana Navaid, Teerawat Wiwatpanit, Asha Wijegunawardana, ...
2022, BMJ Global Health - Article

BACKGROUND: Many low-income and middle-income country (LMIC) researchers have disadvantages when applying for research grants. Crowdfunding may help LMIC researchers to fund their research. Crowdfundi... [more](#)

12
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Knowledge, attitude and practice of healthcare providers on mistreatment during labour and childbirth: a cross-sectional study in Tehran, Iran, 2021

ANALYTICAL VIEWS

RESEARCH CATEGORIES ▾

- [11 Medical and Health Sciences](#) 93
- [1117 Public Health and Health Services](#) 83
- [1114 Paediatrics and Reproductive Medicine](#) 9
- [1110 Nursing](#) 6
- [16 Studies in Human Society](#) 2

OVERVIEW ▾

Citations
Citations (Mean)

5 K
46.74

● Publications (total)

RESEARCHERS ▾

- Meghan Ann Bohren**
University of Melbourne, Australia

101
- Joshua Peter Vogel**
Burnet Institute, Australia

41
- Özge Tunçalp**
World Health Organization, Switzerland

39
- Ahmet M Metin Gülmezoglu**
Concept Foundation, Switzerland

24
- Olufemi Taiwo Oladapo**
World Health Organization, Switzerland

22

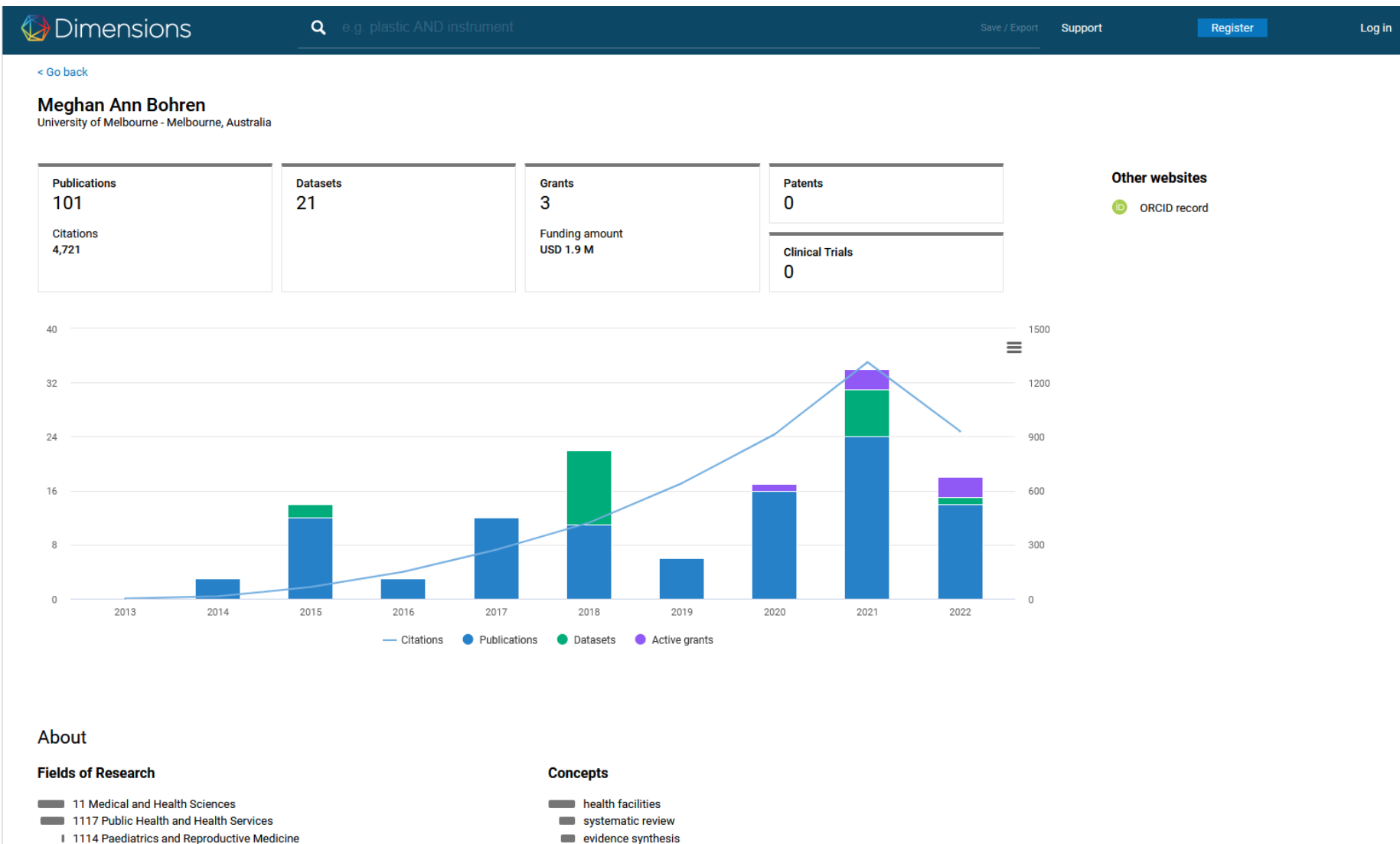
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Dimensions : Researcher Profile : Summary View



Dimensions : Patent citations : Article view



Dimensions

DOCUMENTS ▾

"richard saffery" ✕

Free text in full data

Save / Export

[< Go back](#)

Publication - Article

Novel class of pain drugs based on antagonism of NGF

[Trends in Pharmacological Sciences](#), 27(2), 85-91 - December 2005

<https://doi.org/10.1016/j.tips.2005.12.001> ↗

Authors

[Franz F. Hefti - Pfizer \(United States\)](#)

[Arnon Rosenthal - Pfizer \(United States\)](#)

[Patricia A. Walicke - Pfizer \(United States\)](#)

[4 more](#)

Abstract

Nerve growth factor (NGF) was identified originally as a survival factor for sensory and sympathetic neurons in the developing nervous system. In adults, NGF is not required for survival but it has a crucial role in the generation of pain and hyperalgesia in several acute and chronic pain states. The expression of NGF is high in injured and inflamed tissues, and activation of the NGF receptor tyrosine kinase trkA on nociceptive neurons triggers and potentiates pain signalling by multiple mechanisms. Inhibition of NGF function and signalling blocks pain sensation as effectively as cyclooxygenase inhibitors and opiates in rodent models of pain. Several pharmaceutical companies have active drug-discovery and development programs that are based on a variety of approaches to antagonise NGF, including NGF 'capture', blocking the binding of NGF to trkA and inhibiting trkA signalling. NGF antagonism is expected to be a highly effective therapeutic approach in many pain states, and to be free of

[More](#)



Dimensions : Patent citations

Patent citations - 38 [Show all](#)

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Trk-inhibiting compound

Ono Pharmaceutical Co Ltd - TAKEUCHI JUN, ITADANI SATOSHI, HASHIMURA KAZUYA, IKURA MASAHIRO, HIGASHINO MASATO, YASUHIRO TETSUYA, NAGaura TAKESHI

Grant US-10765676-B2 - Published 2020-09-08 Granted 2020-09-08 Priority 2013-02-19

Family: 77

Trk-inhibiting compound

Ono Pharmaceutical Co Ltd - TAKEUCHI JUN, ITADANI SATOSHI, HASHIMURA KAZUYA, IKURA MASAHIRO, HIGASHINO MASATO, YASUHIRO TETSUYA, NAGaura TAKESHI

Grant US-10300060-B2 - Published 2019-05-28 Granted 2019-05-28 Priority 2013-02-19

Family: 77

Trk-inhibiting compound

Ono Pharmaceutical Co Ltd - TAKEUCHI JUN, ITADANI SATOSHI, HASHIMURA KAZUYA, IKURA MASAHIRO, HIGASHINO MASATO, YASUHIRO TETSUYA, NAGaura TAKESHI

Grant US-9993479-B2 - Published 2018-06-12 Granted 2018-06-12 Priority 2013-02-19

Family: 77  1

Anti-NGF antibodies and anti-NGF antibody fragments

H Lundbeck AS - GARCIA-MARTINEZ LEON F, LATHAM JOHN, OJALA ETHAN W, AKATSUKA CORINNE C, FAN PEI, SMITH JEFFREY T L, DUTZAR BENJAMIN H

Grant US-10227402-B2 - Published 2019-03-12 Granted 2019-03-12 Priority 2010-12-01

Family: 7

Methods of preventing inflammation and treating pain using anti-NGF compositions

H Lundbeck AS - GARCIA-MARTINEZ LEON F, DUTZAR BENJAMIN H, OJALA ETHAN W, SMITH JEFFREY T L, LATHAM JOHN A

Grant US-10457727-B2 - Published 2019-10-29 Granted 2019-10-29 Priority 2010-12-01

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The Mistreatment of Women during Childbirth in Health Facilities Globally: A Mixed-Methods Systematic Review

PLOS Medicine, 12(6), e1001847 - June 2015

<https://doi.org/10.1371/journal.pmed.1001847>

Authors

Meghan A. Bohren - Johns Hopkins University; World Health Organization

Corresponding Author

Joshua P. Vogel - World Health Organization

Erin C. Hunter - Johns Hopkins University

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Abstract

BACKGROUND: Despite growing recognition of neglectful, abusive, and disrespectful treatment of women during childbirth in health facilities, there is no consensus at a global level on how these occurrences are defined and measured. This mixed-methods systematic review aims to synthesize qualitative and quantitative evidence on the mistreatment of women during childbirth in health facilities to inform the development of an evidence-based typology of the phenomenon. **METHODS AND FINDINGS:** We searched PubMed, CINAHL, and Embase databases and grey literature using a predetermined search strategy to identify qualitative, quantitative, and mixed-methods studies on the mistreatment of women during childbirth across all geographical and income-level settings. We used a thematic synthesis approach to synthesize the qualitative evidence and assessed the confidence in the qualitative review findings using the CERQual approach. In total, 65 studies were included

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Acknowledgements

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Article in **PLOS Medicine**, June 2015
-  296 Progression of the first stage of spontaneous labour: A prospective cohort...
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