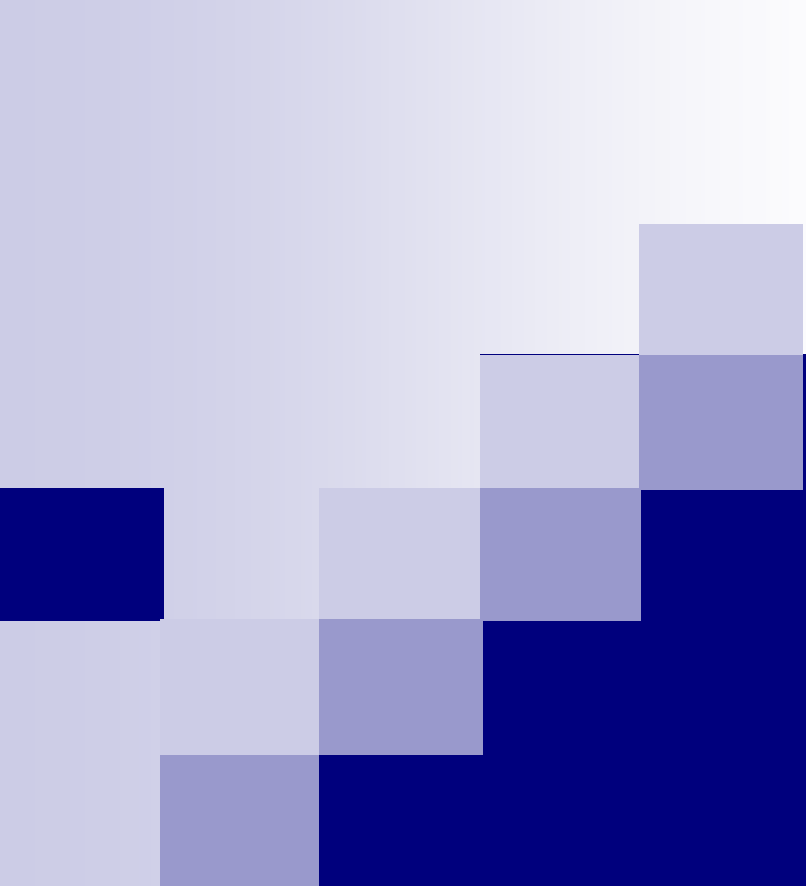


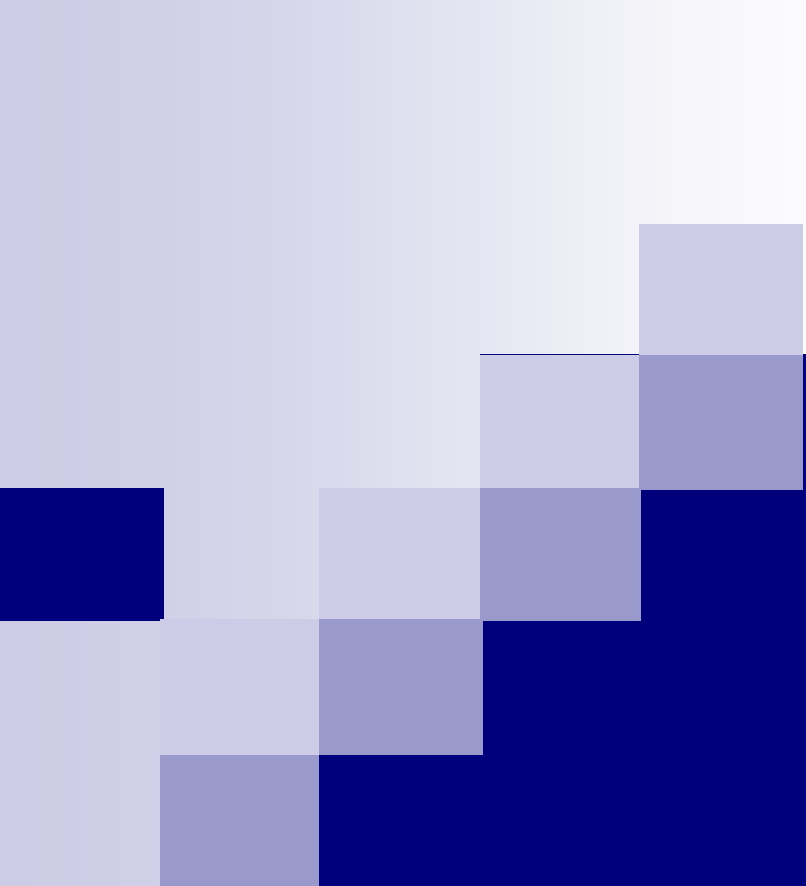


How to improve our research impact?

Payam Kabiri

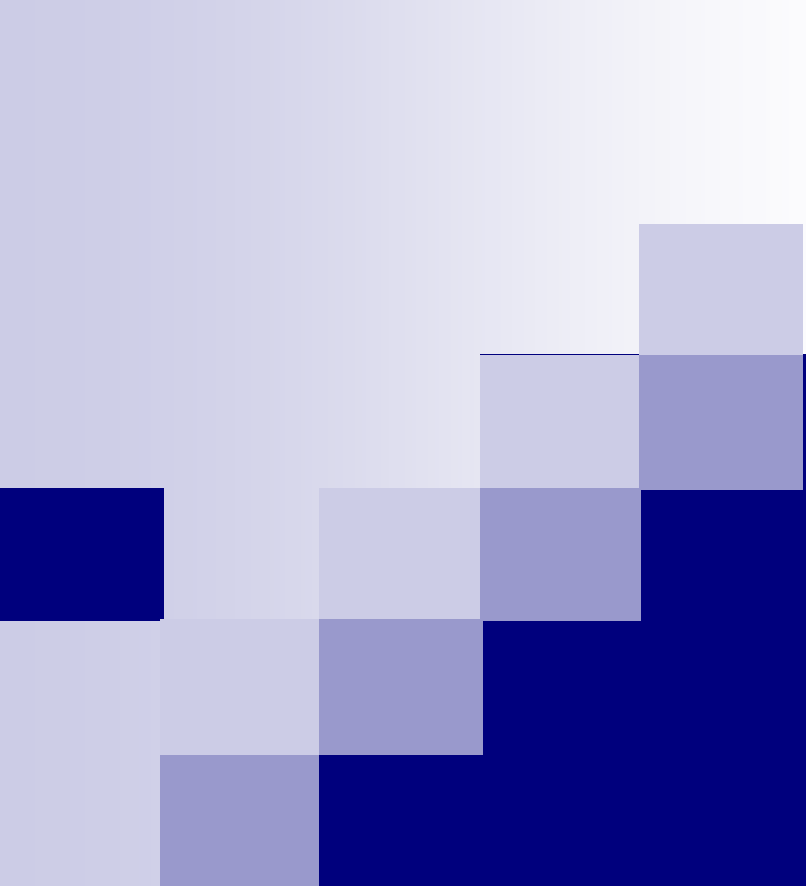
Clinical Epidemiologist

Tehran University of Medical Sciences

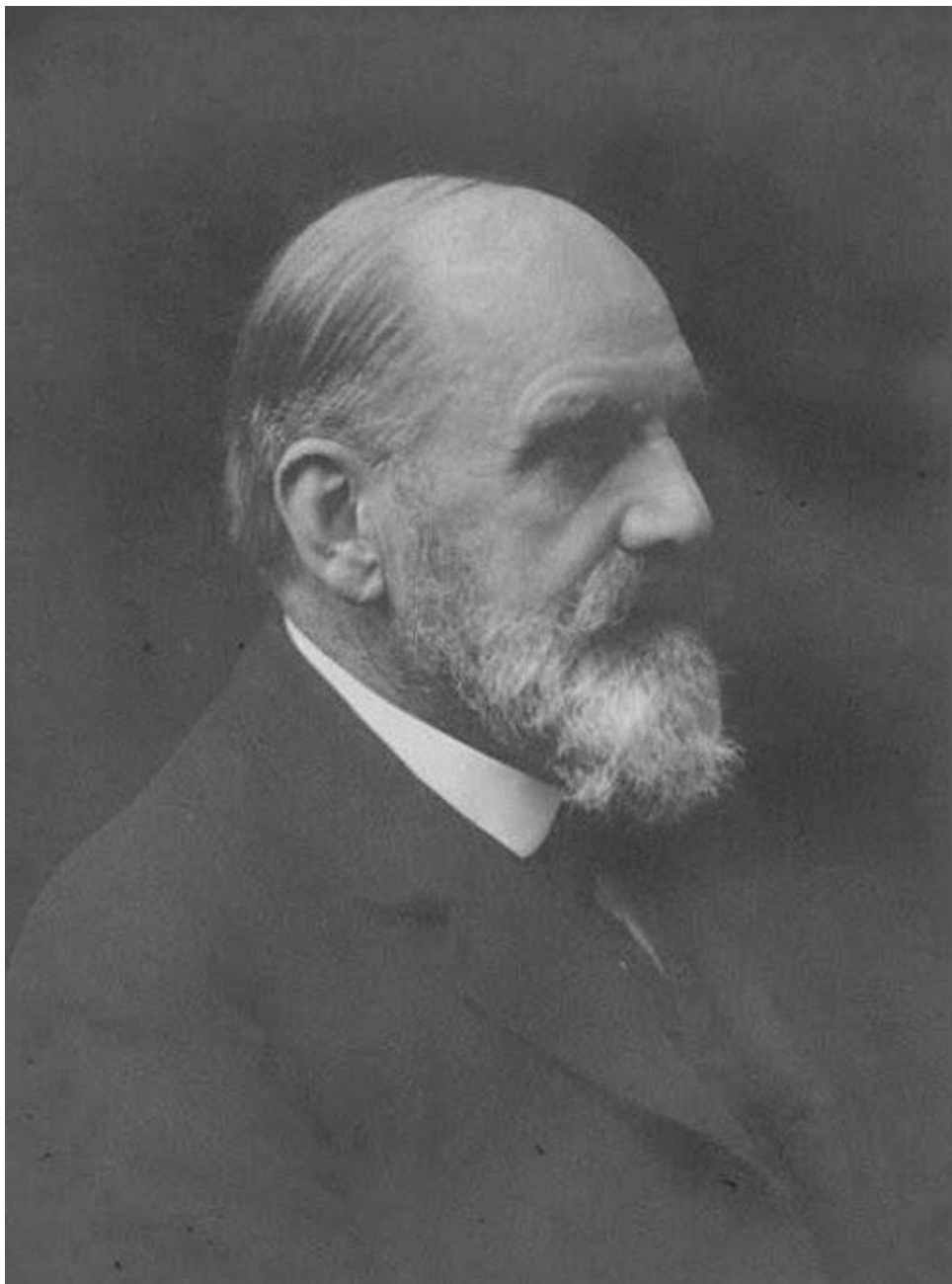


چگونه یک پژوهش اثربخش

داشته باشیم؟



چگونه اثربخشی پژوهش خود را
افزایش دهیم؟



“ In science, the credit goes to the man who convinces the world, not to whom the idea first occurs.

- Francis Darwin -

#WednesdayWisdom



The Story of Impact





Today's Outline

- In this session, we will talk about:
 1. What is **Research Impact**?
 2. How is **Research Impact** measured?
 3. What are the **resources** for **assessing** impact?
 4. How to **improve** our research impact?
 5. How can I **demonstrate** my research Impact?

پژوهش پاسخگو، نافع، کاربردی، هدفمند، مساله، محصول محور



ورود به سایت پژوهشکده آینده پژوهی در سلامت

Publish or Perish!





Substitute of old “**Publish or Perish**”!

Getting Found, Staying Found & Increasing Impact

Science Circle

- The circle of science from **origination** to **usage** consist of many steps as follows:
 - 1- Doing **Research**
 - 2- Research **Publication** (Paper)
 - 3- Knowledge **Dissemination**
 - 4- Knowledge **Utilization & Application**



What is **Impact**?

- The Oxford dictionary defines impact as “A Marked Effect or Influence.”
- So, **Research Impact** means that our research has affected or influenced something or someone.
- This arouse the following questions:
 - **Whom** has it impacted, who is the **target audience**?
 - **How** has it made an impact, what was its **ultimate goal**?
 - Through what **means** has this impact occurred, i.e., what are the **primary outlets**?
 - How do we know this impact has **occurred**, i.e., how can we **measure** it?

How Research Impact **Differs** By **Academic Role?**

Academic Role	<i>Whom?</i> Target Audience	<i>How?</i> Ultimate Goal	Through Which <i>Means?</i> Primary Outlets	How Do We <i>Know?</i> Measures
Research	Other academics	Progress scientific knowledge	Academic journals, Research Monographs, Conferences	Citations in academic journals / books / conference papers
Teaching	Students	Develop critical thinking skills	Textbooks, Practitioner journals	Citations in textbooks / syllabi
External Engagement	Industry, Government, Public and society	Address societal problems	Practitioner journals / magazines, Policy reports, (Social) Media, Collaborative projects	Citations in policy documents, policy / legal changes, improved HDI/SDG*

*HDI = United Nations [Human Development Index](#) ; SDG = United Nations [Sustainable Development Goals](#)

What is Research Impact?

- It is all the **diverse** ways that research benefits **individuals**, **organizations** and **nations** through increasing **effectiveness of public services and policy**, improving **quality of life** and **health**, or **economic benefits**.
- It may translate as **benefit**, **payback**, **translation**, **transfer**, **uptake** and **utilization**.
- The “**Academic Impact**”, considered to be the research knowledge contribution to a field of study within academia, should be distinguished from “**Non-academic Impact**”, which goes **beyond academia**.



What is Research Impact?

- **Research impact** is defined as how broadly scholarly research is being **read**, **discussed**, and **used** both **inside** and **outside** of the **academy**.

What is Research Impact?

- Research impact is the **contribution** that **research** makes to the **economy, society, environment** or **culture, beyond** the contribution to academic research.

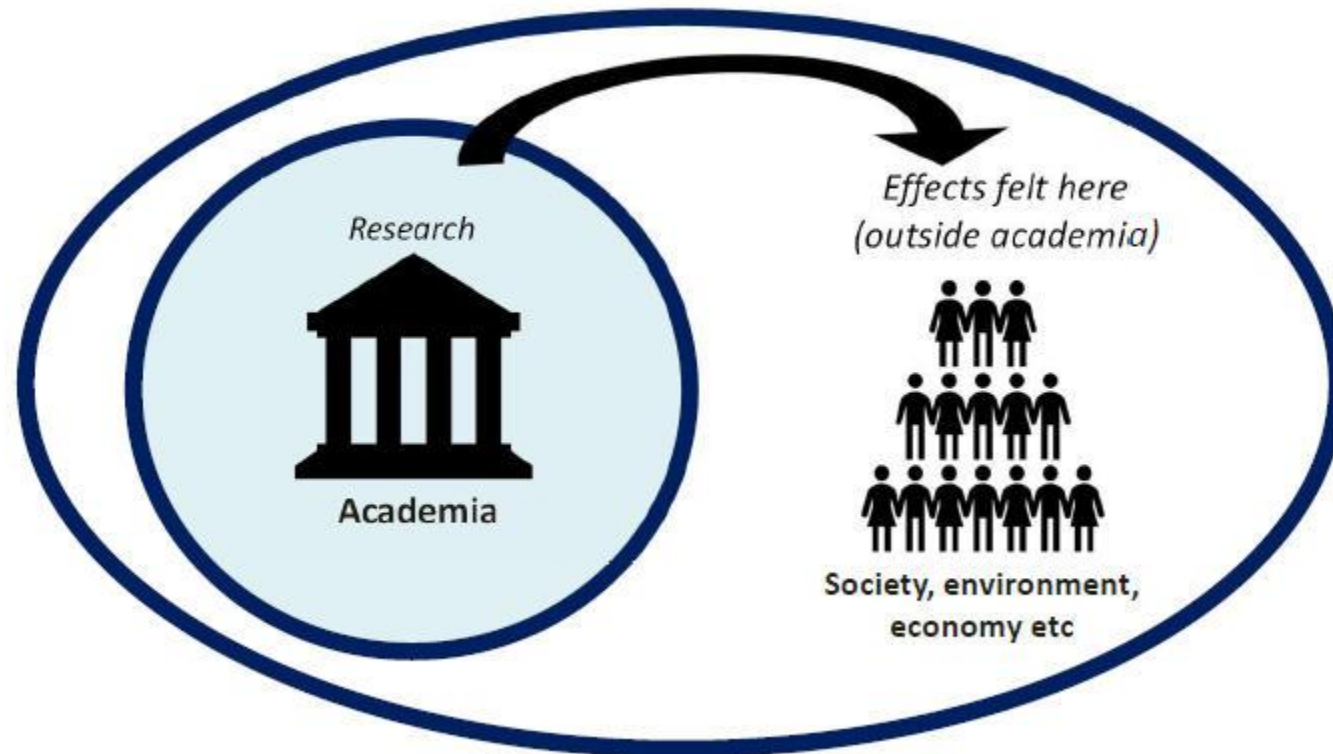
(Australian Research Council)

What is Research Impact?

- An effect on, change or benefit to the economy, society, culture, public policy or services, health, the environment or quality of life, beyond academia.

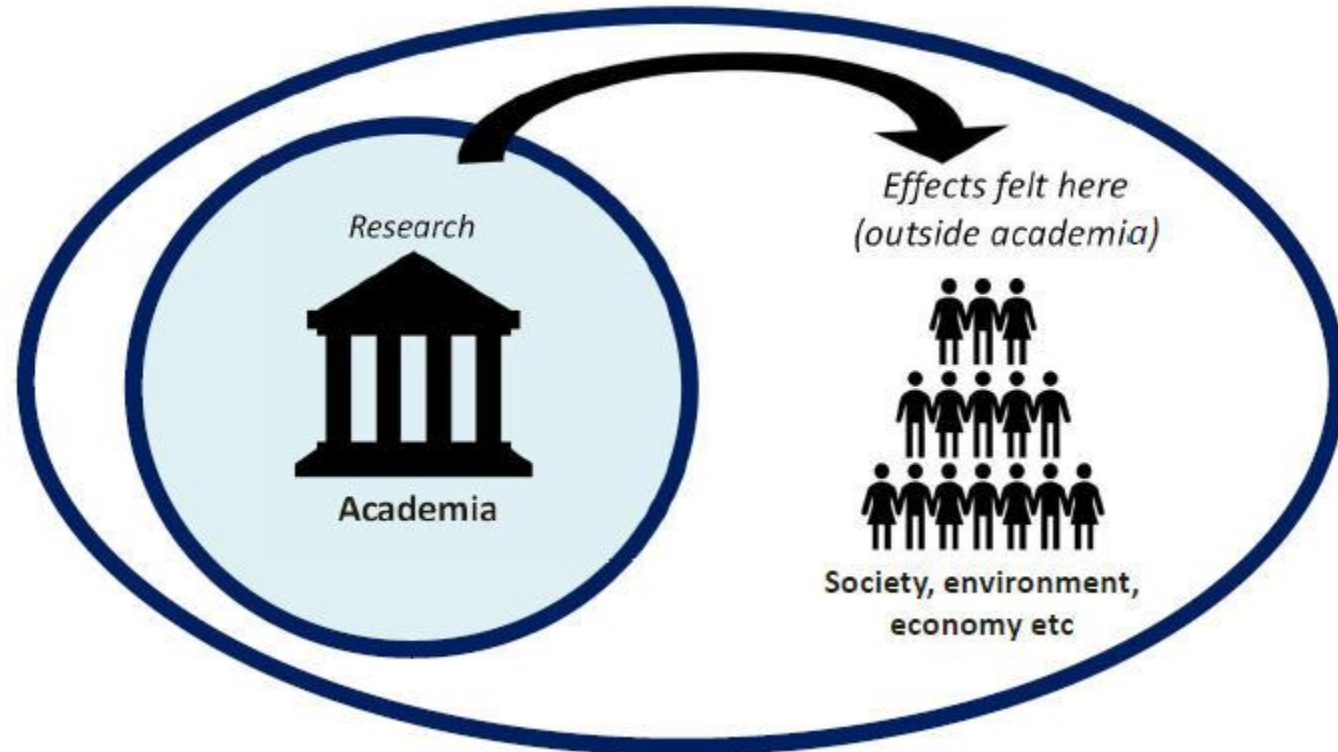
What is **Research Impact**?

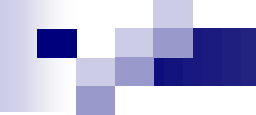
- Any Real Effect of Research in Real World is called impact.



What is **Research Impact**?

- Any provable **Effect** (**Benefits**) of Research in Real World is called impact.

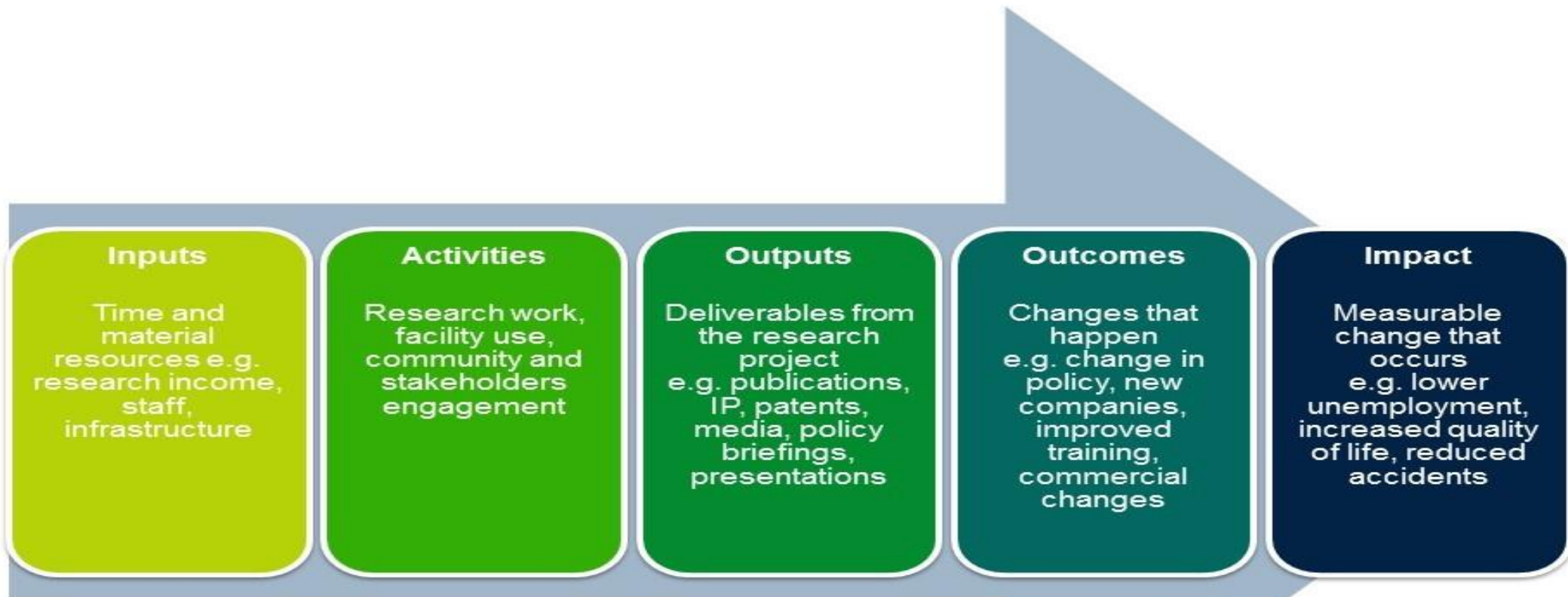




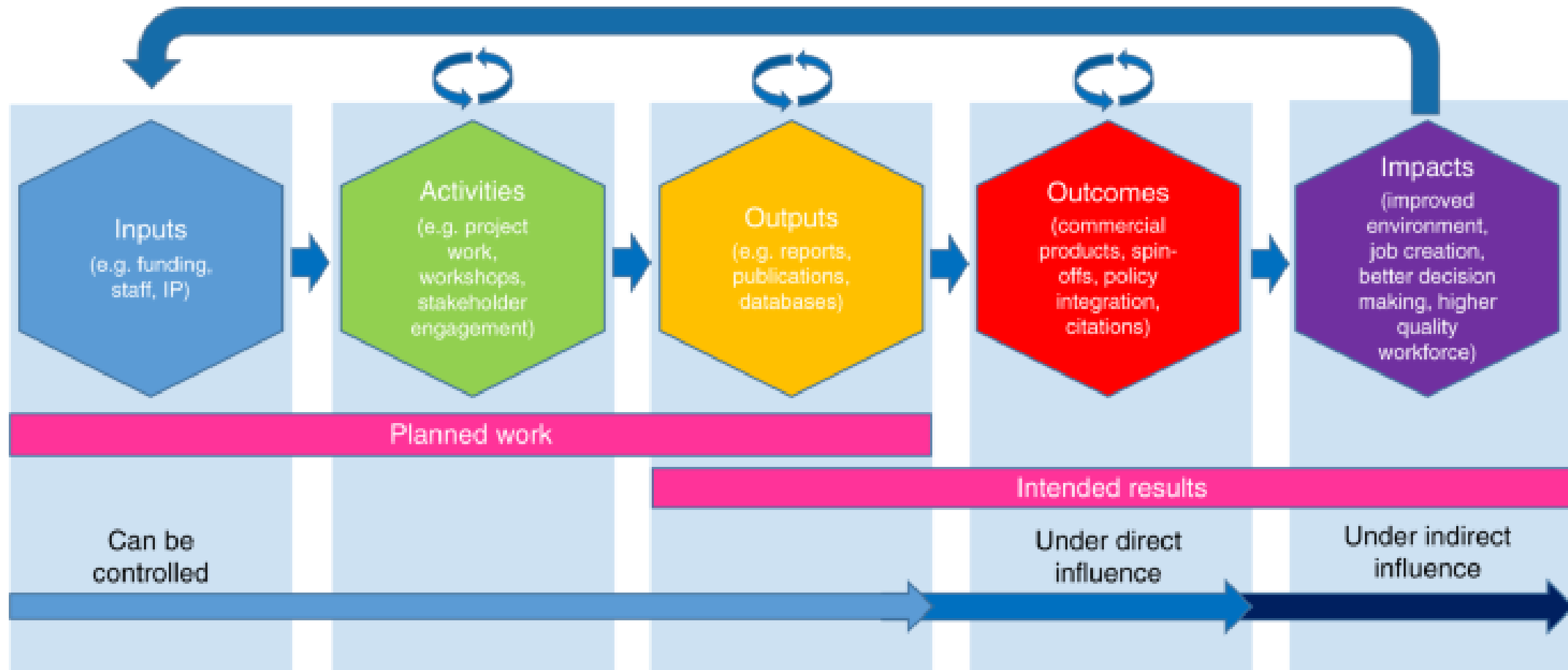
Research Impact Application

- Research impact is taken into account when **research groups** are being **evaluated** formally, but also when your own your **academic** work or **career** is being **evaluated** for **funding, promotion** or **appointments**.
- Researchers use **different strategies** to improve their potential research impact in all phases of the publishing process.

Pathways to Research Impact and Engagement



Research Impact Assessment



A Real Case of Research Impact!

HORMONE
RESEARCH

Original Paper

Horm Res 2004;62:79–83
DOI: [10.1159/000079392](https://doi.org/10.1159/000079392)

Received: September 27, 2003
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Prevalence of Congenital Hypothyroidism in Isfahan, Iran: Results of a Survey on 20,000 Neonates

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Gholam Hossein Sadri^c Narges Javaheri^a Sassan Haghighi^a
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A Real Case of Research Impact!

> [Horm Res. 2004;62\(2\):79-83. doi: 10.1159/000079392. Epub 2004 Jun 24.](#)

Prevalence of congenital hypothyroidism in Isfahan, Iran: results of a survey on 20,000 neonates

Mahin Hashemipour ¹, Massoud Amini, Ramin Iranpour, Gholam Hossein Sadri, Narges Javaheri, Sassan Haghighi, Silva Hovsepian, Abbas Ali Javadi, Mahdi Nematbakhsh, Goshtasb Sattari

Affiliations + expand

MID: 15237248 DOI: [10.1159/000079392](#)

Abstract

Aims: To evaluate the prevalence of congenital hypothyroidism (CH) in a screening program performed for the first time in Isfahan, Iran.

Methods: From May 2002 to December 2002, T4 and TSH serum concentrations of 20,000 3- to 7-day-old newborns, born in all 17 hospitals of the city, were measured by radioimmunoassay and immunoradiometric assay, respectively. The newborns with abnormal screening results (TSH >20 mIU/l, T4 <6.5 microg/dl and based on the weight) were re-examined.

Results: Of 531 recalled subjects (recall rate 2.6%), 54 were confirmed to be hypothyroid, showing a prevalence of 1:370 for CH.

Conclusion: Considering the high frequency of CH, the necessity of implementing a routine screening program in the healthcare system of Isfahan Province is emphasized.



به نام خالق هستی



غربالگری کشوری نوزادان
وزارت بهداشت، درمان و آموزش پزشکی

تاریخچه و طراحی برنامه کشوری غربالگری بیماری کم کاری تیروئید نوزادان در ایران

با توجه به گذار اپیدمیولوژیک از شیوع و بروز بالای بیماری‌های واگیر به غیرواگیر در سال‌های اخیر، مداخله در هر سه سطح پیشگیری (اولیه، ثانویه و ثالثیه) در مدیریت بیماری‌های غیرواگیر جزو اولویت‌های بهداشتی کشور قرار گرفته است. در دهه ۶۰ و قبل از اجرای برنامه غنی سازی نمک با ید، دکتر عزیزی و همکاران‌شان اقدام به غربالگری نوزادان برای بیماری کم کاری تیروئید کردند. اما به علت کمبود ید میزان فراخوان بسیار بالا بود، لذا این اقدام پس از مدتی متوقف گردید. مطالعاتی در ارتباط با میزان بروز بیماری کم کاری تیروئید در دانشگاه‌های علوم پزشکی مختلف (دکتر عزیزی و همکاران - دانشگاه شهید بهشتی، دکتر کرمی‌زاده و همکاران - دانشگاه فارس و دکتر هاشمی‌پور و همکاران - دانشگاه اصفهان) انجام شد. نتایج حاصل از کلیه این مطالعات نشان داد که بروز بیماری کم کاری تیروئید در نوزادان کشور بسیار بالاست. با توجه به پژوهش‌های انجام شده در اصفهان، تهران و شیراز، بروز کم کاری تیروئید در کشور ۱ بیمار در هر ۱۰۰۰ نوزاد زنده متولد شده تخمین زده شد.

برنامه کشوری غربالگری بیماری کم کاری تیروئید نوزادان

دستورالعمل ویژه کارشناس

نویسندگان:

دکتر شهین یاراحمدی

دکتر نسرين آژنگ

زیر نظر:

دکتر علیرضا مصداقی‌نیا

دکتر کورش اعتماد

دکتر سید محمد علوی‌نیا

به نام پروردگار هستی



غibal کری کشوری نوزادان
وزارت بهداشت، درمان و آموزش پزشکی

برنامه کشوری

غربالگری بیماری کم کاری تیروئید نوزادان

دستورالعمل ویژه بهورز و مراقب سلامت

نویسندگان

دکتر شهین یاراحمدی

دکتر نسرين آژنگ

بیماری کم کاری تیروئید نوزادان، وضعیتی از کمبود هورمون تیروئید قابل درمان است که در صورت عدم تشخیص به هنگام و یا درمان نامناسب، می تواند موجب بروز عقب ماندگی شدید و اختلال در رشد کودک شود. عدم تشخیص و درمان مناسب و به هنگام بیماری در مبتلایان، بار بیماری سنگینی را بر خانواده و جامعه وارد می کند. در حالی که در صورت تشخیص به هنگام، درمان ساده، آسان، ارزان و موثر است. با غربالگری نوزادان و شناسایی بیماران و درمان مناسب آنان، عوارض جدی بیماری اتفاق نیفتاده و با حفظ ضریب هوشی طبیعی در بیمار، فردی مولد و سالم به جامعه تحویل داده می شود.

ادغام برنامه کشوری غربالگری نوزادان برای بیماری کم کاری تیروئید، در مهر ماه سال ۱۳۸۴، اجرای هم زمان آن در روستاها و شهرها، دستیابی به پوشش بیش از ۹۷٪ در کمترین زمان ممکن، شروع درمان در کلیه بیماران شناسایی شده، حفظ هوشی طبیعی در همه بیماران تحت درمان، دارا بودن هزینه به سود بیماری های مهم و قابل درمان، برنامه را در دنیا بی نظیر کرده است.

One from each 370 in 12,000,000 makes more than 32,000 Recognized Case

IMPACT

تاکنون بیش از ۱۲ میلیون نوزاد غربالگری شده اند. بدون اجرای این برنامه عقب ماندگی در شناسایی و درمان شده اند. بدون اجرای این برنامه عقب ماندگی در درجات مختلف در این بیماران غیر قابل اجتناب بود.

A Real Case of Research Impact!

شیوع بالای بیماری، عوارض جبران ناپذیر مغزی بیماری در صورت عدم تشخیص و درمان به موقع که تنها با غربالگری دوران نوزادی قابل پیشگیری است و از طرف دیگر مقرون به صرفه بودن اجرای برنامه در کشور مسئولین وزارت بهداشت درمان و آموزش پزشکی را بر آن داشت تا برنامه غربالگری را در سطح ملی به اجرا درآورند. لذا با استفاده از نتایج و تجارب به دست آمده طرح غربالگری کم کاری مادر زادی تیروئید در سطح کشور به عنوان یک برنامه ملی طراحی گردید و در سال 1382 در اولین برنامه کشوری به طور آزمایشی در استان های اصفهان، بوشهر و شهر شیراز اجرا شد و نهایتاً از سال 1384 این برنامه در سیستم سلامت کشور ادغام شده است. از زمان اجرای برنامه در سطح ملی تا آبان ماه سال جاری مجموعاً شش میلیون و هفتصد هزار نوزاد (49 درصد نوزاد دختر و 51 درصد نوزاد پسر) تحت غربالگری قرار گرفته که پانزده هزار نفر آزمودن غربالگری مثبت داشته و اقدامات تشخیصی و درمانی بر طبق دستورالعمل کمیته علمی کشوری برای آنان انجام شده است. این برنامه در مجموع حدود 95 درصد زایمان های شهری و روستایی را تحت پوشش قرار داده و میزان فراخوان برنامه 9/2 درصد است.



خبر جشن دستاوردهای ۱۸ ساله اجرای برنامه کشوری غربالگری تیروئید

رئیس اداره غدد و متابولیک وزارت بهداشت تشریح کرد

دستاوردهای ۱۸ ساله برنامه کشوری غربالگری کم کاری تیروئید نوزادان / غربالگری ۲۲ میلیون نوزاد ایرانی و غیرایرانی

رئیس اداره غدد و متابولیک وزارت بهداشت، درمان و آموزش پزشکی دستاوردهای ۱۸ ساله برنامه کشوری غربالگری کم کاری تیروئید نوزادان را تشریح کرد.



به گزارش وبدا، دکتر شهین یار احمدی در نشست «دستاوردهای ۱۸ ساله اجرای برنامه کشوری غربالگری بیماری کم کاری تیروئید نوزادان در ایران» که در بیمارستان قلب شهید رجایی برگزار شد، گفت: برنامه کشوری غربالگری کم کاری تیروئید به عنوان زیرساخت غربالگری بقیه بیماری های مهم نوزادان از مهرماه ۱۳۸۴ در سیستم سلامت کشور ادغام شد.

وی افزود: طی این مدت، برنامه به اهداف کوتاه مدت، میان مدت و درازمدت خود دست یافته و به عنوان یکی از موفق ترین برنامه های ملی در حوزه سلامت کودکان شناخته شده است.

رئیس اداره غدد و متابولیک وزارت بهداشت با بیان این که در مدت این ۱۸ سال بالغ بر ۲۲ میلیون نوزاد ایرانی و غیرایرانی مورد غربالگری قرار گرفته و بیش از ۶۴ هزار بیمار نیز شناسایی شده اند، بیان داشت: تمام بیماران شناسایی و درمان شده از بهره هوشی طبیعی برخوردارند و هیچ بیماری عقب مانده ذهنی نشده است که نشانگر اثربخشی برنامه بوده است.

یاراحمدی تصریح کرد: با اجرای برنامه کشوری بیماری کم کاری تیروئید نوزادان، هر ساله حداقل ۴۰۰۰ تا ۴۵۰۰ کودک از عقب ماندگی ذهنی نجات می یابند.

وی خاطرنشان کرد: در تمام روستاها و شهرهای کشور نوزادان از دریافت خدمت برخوردارند و پوشش برنامه در هیچ زمانی حتی در همه گیری کرونا دچار وقفه نشد. علاوه بر نوزادان ایرانی، نوزادان غیرایرانی نیز غربالگری شده و در صورت بیمار بودن تحت مراقبت قرار می گیرند.

رئیس اداره غدد و متابولیک وزارت بهداشت با بیان این که کم کاری تیروئید در ۴.۳ نوزاد ایرانی از هر ۱۰۰۰ تولد وجود داشته و یک بیمار در هر ۲۲۱ نوزاد غربالگری شده است، گفت: بیماری کم کاری تیروئید در همه نقاط دنیا بروز می کند و روند افزایشی داشته است.

وی اضافه کرد: بروز این بیماری در ایران ۴ تا ۸ برابر میزان جهانی است در عین حال ۵۰ درصد از موارد ابتلا در نوزادان گذراست. اگرچه هر دو نوع دائم و گذری این بیماری برای مصونیت از عوارض جدی، نیاز به درمان دارند.

دکتر یار احمدی مهم ترین عوامل بروز بالای کم کاری تیروئید نوزادان در کشور را چنین برشمرد: اختلالات ید در محیط، نارس بودن، وزن کم نوزاد هنگام تولد، دوقلو یا چند قلو بودن، زردی طول کشیده، کمبود دریافت ید روزانه در مادر باردار، ابتلای مادر به بیماری تیروئیدی، ابتلای مادر به دیابت، وجود ناهنجاری مادرزادی، سابقه داشتن خواهر یا برادر مبتلا به کم کاری تیروئید و ازدواج های فامیلی.

وی با اشاره به غربالگری کم کاری تیروئید در نوزادان غیرایرانی، گفت: از سال ۹۰ تا ۱۴۰۱ بالغ بر ۵۴۰ هزار و ۲۸۷ نوزاد غیر ایرانی غربالگری شده و از میان آن ها ۲ هزار و ۵۸۷ بیمار شناسایی شده است.

رئیس اداره غدد و متابولیک وزارت بهداشت خاطرنشان کرد: این در حالی است که تعداد نوزادان غیرایرانی بیش از ۳.۵ برابر افزایش و تعداد بیماران شناسایی شده در بین آنان نیز ۷ برابر افزایش یافته است.

یاراحمدی در پایان برنامه کشوری غربالگری نوزادان را یکی از برنامه های موفق در سیستم سلامت کشور دانست و ابراز داشت: پوشش ۹۵ درصدی برنامه نشان از موفقیت برنامه در سیاستگذاری و اجرا و ناشی از تلاش های همکاران در دانشگاه های علوم پزشکی کشور در اجرای موفق برنامه بوده است. ۲۰۲/

A Real Case of Research Impact!

PlumX Metrics

Sign in ?

Embed PlumX Metrics



Prevalence of congenital hypothyroidism in Isfahan, Iran: Results of a survey on 20,000 neonates

Citation Data: Hormone Research, ISSN: 0301-0163, Vol: 62, Issue: 2, Page: 79-83

Publication Year: 2004

59

Citations

94

Usage

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Captures

Metric Options: ☒ Counts ☐ 1 Year ☐ 3 Year

Scopus metrics

59 50th percentile

Citations in Scopus

Views count ?

Last updated on 18 June 2021

8

Views count 2021

0.33

Field-Weighted citation impact ?

48

Views count 2013-2022

Metrics Details

CITATIONS 59

Citation 59

Indexes

Scopus ↗ 59

CrossRef 13

USAGE 94

Abstract Views 88

*EBSCO 88

Full Text Views 6

*EBSCO 6

Historical data only

Review Description

Aims: To evaluate the prevalence of congenital hypothyroidism (CH) in a screening program performed for the first time in Isfahan, Iran. Methods: From May 2002 to December 2002, T and TSH serum concentrations of 20,000 3- to 7-day-old newborns, born in all 17 hospitals of the city, were measured by radioimmunoassay and immunoradiometric. The newborns with all

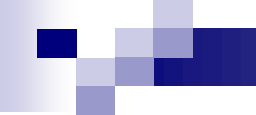
Show more

Bibliographic Details



What is Research Impact?

- Research funders and research organizations globally are looking to measure impact .
- The impacts are not easily recognized & quantified.
- There can be considerable time lags between research and impact.
- Impact is often made from accumulated knowledge and not a specific research finding.



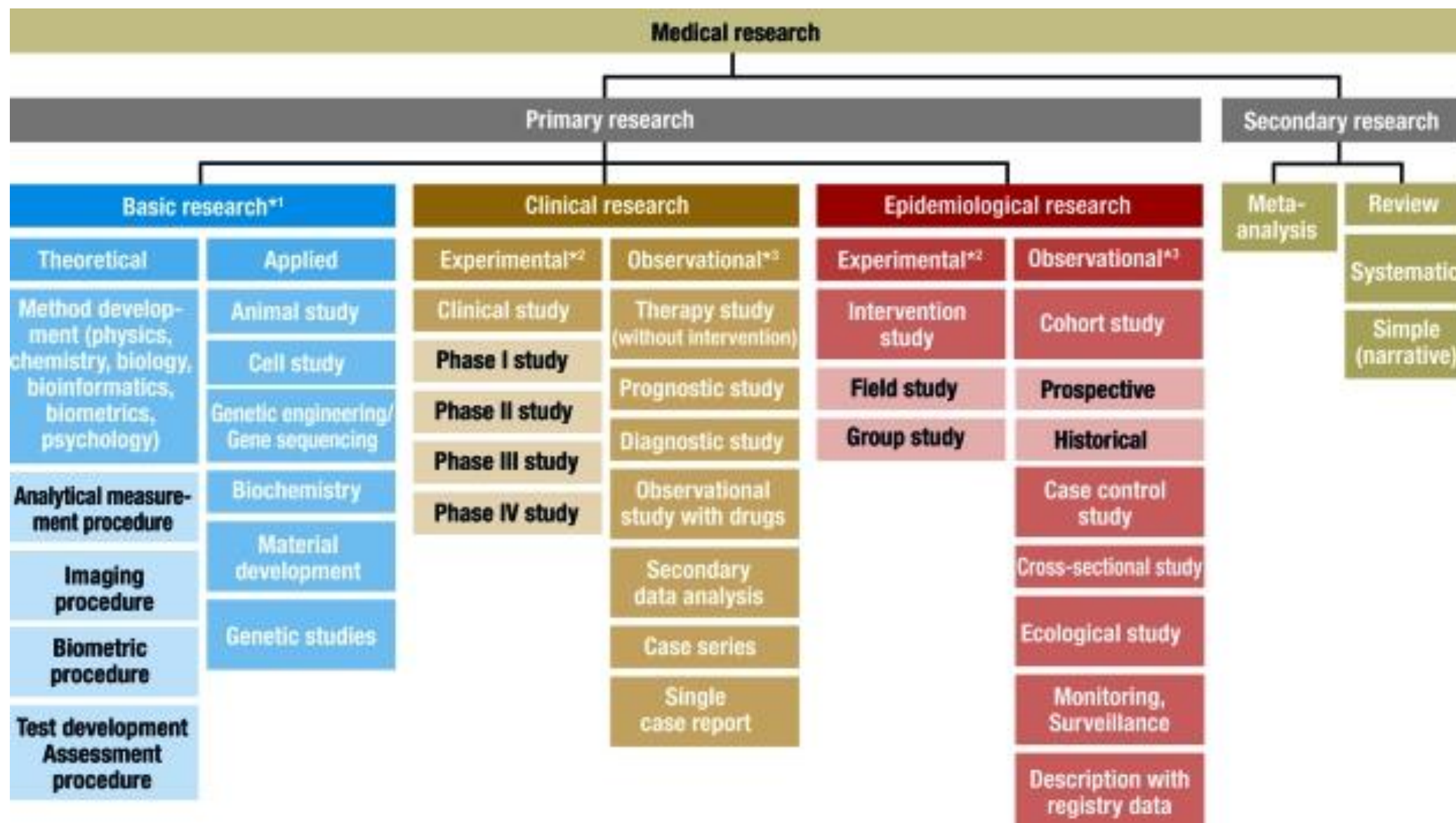
Research **Impact Goals** & Application

- What **type** of **impact** you are trying to achieve?
- **Who** will **benefit** from your research?
- **How** will they **benefit**?
- **How** can you **measure** this impact?
- **How** can you capture & provide **evidence** of this?

A Quick Look at: Steps in **Scientific Writing**

- **Design** well
- Decide politics
- Choose journal
- Read instructions to authors/papers
- Set framework
- Prepare drafts
- Distribute
- Polish
- Submit

Which **Type of Study** Makes the **Research Impact?**





Different Types of Impacts

- Research impact
- Social impact
- Clinical impact
- Economic impact
- Environmental impact
- Impact on health and wellbeing
- Policy influence and change
- Technological developments

Altmetrics (**Alternative Metrics**)

Article Level Metrics

- Scores article **social impact** & Monitors “mentions” in **society**

- ☐ Conventional Media
- ☐ Social Media
- ☐ Reference Managers
- ☐ Post-pub & Peer-review Sites



Score in context

Is one of the highest ever scores in this journal (ranked #1 of 3,692)

[show more...](#)

Mentioned by

 [32 news outlets](#)
 [17 blogs](#)
 [209 tweeters](#)
 [4 Facebook users](#)
 [21 Google+ users](#)

Readers on

 8 Mendeley
 7 CiteULike

Track this article

- [Get email updates when this article is shared](#)

Altmetrics (Alternative Metrics)

Article Level Metrics

Article metrics | Last updated: Mon, 27 Jun 2022 3:05:26 Z

The toxic truth about sugar

Access & Citations

165k

Article Accesses

467

[Web of Science](#)

475

[CrossRef](#)

Citation counts are provided from Web of Science and CrossRef. The counts may vary by service, and are reliant on the availability of their data. Counts will update daily once available.

Online attention



- 1625 tweeters
- 22 Google+ users
- 4 Redditors
- 660 Mendeley
- 33 blogs
- 49 news outlets
- 7 Video uploaders
- 6 Citeulike
- 53 Facebook pages
- 1 LinkedIn users
- 7 Wikipedia page

This article is in the 99th percentile (ranked 9th) of the 248,715 tracked articles of a similar age in all journals and the 99th percentile (ranked 2nd) of the 1,093 tracked articles of a similar age in *Nature*

Altmetric calculates a score based on the online attention an article receives. Each coloured thread in the circle represents a different type of online attention. The number in the centre is the Altmetric score. Social media and mainstream news media are the main sources that calculate the score. Reference managers such as Mendeley are also tracked but do not contribute to the score. Older articles often score higher because they have had more time to get noticed. To account for this, Altmetric has included the context data for other articles of a similar age.

Altmetrics (**Alternative Metrics**)

Article Level Metrics

Article metrics | Last updated: Mon, 27 Jun 2022 8:20:19 Z

Effect of a vitamin/mineral supplement on children and adults with autism

Access & Citations

51k
Article Accesses

114
[Web of Science](#)

140
[CrossRef](#)

Citation counts are provided from Web of Science and CrossRef. The counts may vary by service, and are reliant on the availability of their data. Counts will update daily once available.

Online attention



- 75 tweeters
- 35 Google+ users
- 1 Wikipedia page
- 343 Mendeley
- 3 blogs
- 1 news outlets
- 55 Facebook pages
- 1 Pinterest

This article is in the 99th percentile (ranked 1,544th) of the 247,988 tracked articles of a similar age in all journals and the 98th percentile (ranked 1st) of the 86 tracked articles of a similar age in *BMC Pediatrics*

Altmetric calculates a score based on the online attention an article receives. Each coloured thread in the circle represents a different type of online attention. The number in the centre is the Altmetric score. Social media and mainstream news media are the main sources that calculate the score. Reference managers such as Mendeley are also tracked but do not contribute to the score. Older articles often score higher because they have had more time to get noticed. To account for this, Altmetric has included the context data for other articles of a similar age.



RETURN TO ISSUE | < PREV TECHNICAL NOTE NEXT >

Tattoo-Based Noninvasive Glucose Monitoring: A Proof-of-Concept Study

Amay J. Bandodkar, Wenzhao Jia, Ceren Yardimci, Xuan Wang, Julian Ramirez, and Joseph Wang*

View Author Information ▾

Cite this: *Anal. Chem.* 2015, 87, 1, 394–398

Publication Date: December 12, 2014 ▾

<https://doi.org/10.1021/ac504300n>

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[RIGHTS & PERMISSIONS](#)  PDF (1 MB) Supporting Information

Article Views	Altmetric	Citations
80129	399	459

Share Add to Export



News (26)
Blogs (10)
Twitter (113)
Patents (31)
Facebook (31)
Google+ (24)
Mendeley (771)
CiteULike (1)



Analytical Chemistry

Abstract

We present a proof-of-concept demonstration of an all-printed temporary tattoo-based glucose sensor for noninvasive glycemic monitoring. The sensor represents the first example of an easy-to-wear flexible tattoo-based

y, Carbohydrates,
nd proteins, Sensors

Meal

Reverse
Iontophoresis

Embed PlumX Metrics



Long-term neurologic outcomes of COVID-19

Citation Data: Nature Medicine, ISSN: 1546-170X, Vol: 28, Issue: 11, Page: 2406-2415
Publication Year: 2022

45	16	189	50	3,928
Citations	Usage	Captures	Mentions	Social Media

Metric Options: ☒ Counts ☐ 1 Year ☐ 3 Year ⓘ

- Home
- Overview
- Highlights
 - Policy Citations
 - News Mentions
 - Blog Mentions
 - Wikipedia References
 - Twitter

This article has 1,846 Twitter interactions across 1 URL.
It has received 462 tweets and 1,384 retweets.

**Stiftung Kopfschmerzen / ...**
@kopfwehstiftung · Follow

Replying to @AnnEliA91

#Migräne nach #Corona wird uns noch länger begleiten. Erste Studien zeigen, dass Migräne zunimmt.
Gute Besserung wünscht @kopfwehstiftung

**Stiftung Kopfschmer...** @kopfweh...
#FactFriday: Eine neue Studie zu #LongCovid zeigt, das #Corona-Virus erhöht das Risiko für neurologische Erkrankungen.
☞ Um 35% steigt die Wahrscheinlichkeit für leichte bis starke #Kopfschmerzen
☞ Um 21% steigt sie für #Migräne.
Quelle: nature.com/articles/s4159...
@kopfwehstiftung

**Robert De Roos**
@Roosr01 · Follow

@NOS

**WesElyMD** @WesElyMD
1/📄 Catastrophic Data on Long-Term Neuro Deficits in #LongCOVID !!

from >150k pts & 11M patient VA study

Science shows a 42%⬆️ risk of any neuro dz 1 year later in LC pts even from mild never hospitalized COVID.

See recent 📄👉 w other studies

go.nature.com/3LB8D0u

**Chris Knecht** | Joggel...
@ChrisKarlKnecht · Follow

Replying to @RWittenbrink

⚠️🤔👉 Langfristige neurologische Störungen bei Personen, die an COVID-19 erkrankt waren. 22.09.2022

nature.com/articles/s4159...

#CovidIsntOver #COVID19 #LongCovid
#DieMaskeBleibtAuf #LongCovidKids
#SARSCoV2 #MassDisablingEvent
#ProtectTheKids #VorbilderTragenMaske
#aerosole



Embed PlumX Metrics



Long-term neurologic outcomes of COVID-19

Citation Data: Nature Medicine, ISSN: 1546-170X, Vol: 28, Issue: 11, Page: 2406-2415
Publication Year: 2022

45

Citations

16

Usage

189

Captures

50

Mentions

3,928

Social Media

Metric Options: ☒ Counts ☐ 1 Year ☐ 3 Year ⓘ

- Home
- Overview
- Highlights
 - Policy Citations
 - News Mentions
 - Blog Mentions
 - Wikipedia References
 - Twitter

Metrics Details

CITATIONS	45
Citation Indexes	44
Scopus ↗	44
PubMed Central ↗	38
CrossRef	10
Policy Citations	1
Policy Citation	1
USAGE	16
Abstract Views	10
Digital Commons ↗	10
Downloads	6
Digital Commons ↗	6
CAPTURES	189

Most Recent Tweet

See all tweets >



Stiftung Kopfschmerzen / Migr...
@kopfwehstiftung · Follow

Replying to @AnnEliA91
#Migräne nach #Corona wird uns noch länger begleiten. Erste Studien zeigen, dass Migräne zunimmt.
Gute Besserung wünscht @kopfwehstiftung



Stiftung Kopfschmerze... @kopfwehs...

#FactFriday: Eine neue Studie zu #LongCovid zeigt, das #Corona-Virus erhöht das Risiko für neurologische Erkrankungen.
👉 Um 35% steigt die Wahrscheinlichkeit für leichte bis starke #Kopfschmerzen
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@kopfwehstiftung

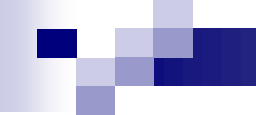
Article Description

The neurologic manifestations of acute COVID-19 are well characterized, but a comprehensive evaluation of postacute neurologic sequelae at 1 year has not been undertaken. Here we use the national healthcare databases of the US Department of Veterans Affairs to build a cohort of 154,068 individuals with COVID-19, 5,638,795 contemporary controls and 5,859,621 historical controls; we use inverse probability weighting to balance the cohorts, and estimate risks and

Show more ▾

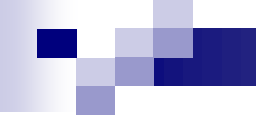
Bibliographic Details

DOI: 10.1038/s41591-022-02001-z ↗
PMID: 36138154 ↗
REPOSITORY URL:
https://digitalcommons.wustl.edu/oa_4/732 ↗



Altmetric (**Alternative Metrics**) **Article Level Metrics**

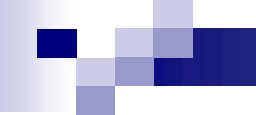
- Evaluate your publication **Social Impact**
- **Benchmark** your article effect against others
- Connect to **discussion** on your article
- Shows **decisions made** based on your papers
- **Communicate impact** to people, colleagues etc.
- Increasingly....demonstrate **societal impact** to **funders**



Five Categories to Learn:

Citations

- **Citations:** **Traditional** index which also citations that help indicate societal impact such as Clinical or Policy Citations.
- Examples: **citation** indexes, **patent** citations, **clinical** citations, **policy** citations.
- **Sources:** Web of Science, Scopus, Google Scholar, ...



Five Categories to Learn:

Usage

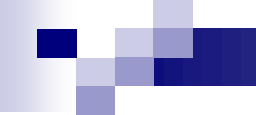
- **Usage:** A way to signal if anyone is **reading the articles** or otherwise **using the research**. Usage is the number one statistic researchers want to know **after citations**.
- **Sources:** Clicks, Downloads, Views, Library Holdings, Video Plays.



Five Categories to Learn:

Captures

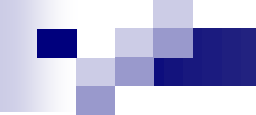
- **Captures:** Indicates that someone wants to **come back** to the work. Captures can be an **leading indicator** of **future citations**.
- **Sources:** **Bookmarks**, Code Forks, Favorites, Readers, Watchers.



Five Categories to Learn:

Mentions

- **Mentions:** Measurement of activities such as **news articles** or blog posts about research. Mentions is a way to tell that people are **truly engaging with the research**.
- **Sources:** Blog Posts, **Comments**, Reviews, Wikipedia References, News Media.



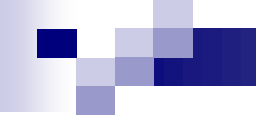
Five Categories to Learn:

Social Media

- **Social Media:** This category includes the tweets, Facebook likes, etc. that reference the research. Social Media can attract attention. Social media can also be a good measure of how well a particular piece of research has been promoted.
- **Examples:** Facebook, Twitter, ...
- **Sources:** Shares, Likes, Comments, Tweets

Papers Different **Impact Measures**

	Index	Measuring Systems
1	View	Academia, ResearchGate, PloS, Different Publishers
2	Downloaded/Saved	Mendeley, Different Publishers, PloS
3	Discussed	Wikipedia, Facebook, Blogs, ScienceSeeker
4	Recommended	F1000 Prime
5	Citations	Web of Science, Scopus, Google Scholar, CorssRef, Patent Citation,
6	Mentions	Blogs, News, Reddit, Wikipedia
7	Shares, Likes & Comments	Facebook, Twitter



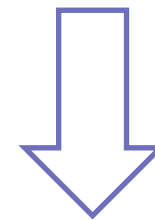
Altmetric (**Alternative Metrics**) **Article Level Metrics Benefits**

- Wide Used Resourced, NOT limited to indexed Journals
- Goof for Young Researchers
- Shows immediate impact, No more time needed
- Free, No Subscription required
- Article Level Metrics instead of Journal Level Metrics



Article Usage
(Downloads)

Academic
Citation

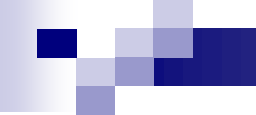


Blog
Coverage

News
Coverage

Non-Scholarly
Citation

Community Input



Dissemination, Altmetrics, Citations & Impact

- **Dissemination** is not impact, even if you have the impressive number of **reads**, **downloads**, **views** or **use**.
- How did you know if anyone **really used** it or learned from it, benefitted or did anything different as results.
- Keep asking, **what happened next?!**



The **Impact** Story

Citation $\neq$ Impact

Altmetrics $\neq$ Impact



Research **Visibility** Importance

Best Research X **Visibility** = Impact

$$100 \times \mathbf{0} = 0$$



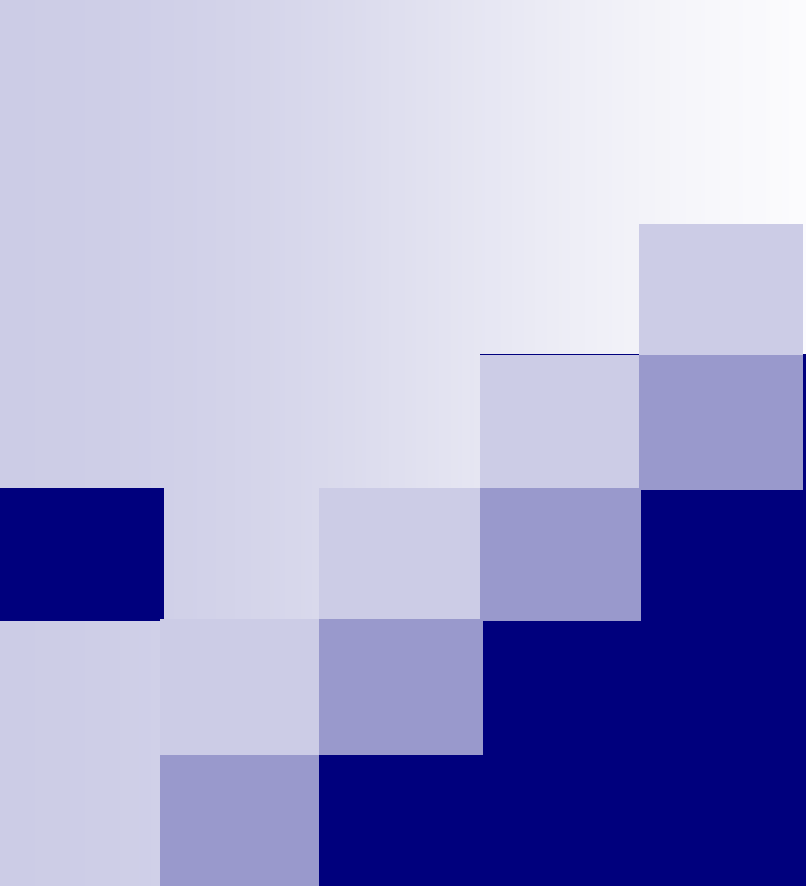
Research **Visibility** & Impact

- You may consider your research papers visibility in **2 stage**:
 1. **Pre-publication** Phase Visibility
 2. **Post-publication** Phase Visibility



Research Impact Story

- Pre-Research Execution
 - Post-Research Execution
-
- Pre-Publication
 - Post-Publication

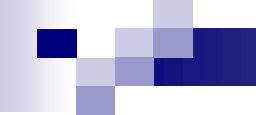


How to Improve Research Impact?



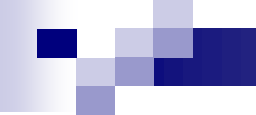
How to Improve Research Impact?

- Improving research impact requires deliberate strategies that amplify both the **visibility** and **relevance** of **research outputs** while fostering **collaborations** and aligning with **societal** needs.
- There is several actionable steps to enhance research impact.



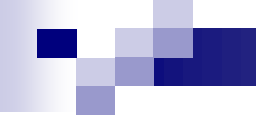
How to Improve **Research Impact?**

1. Align Research with **Societal Needs**
2. Foster **Interdisciplinary Collaboration**
3. Increase **Visibility** and **Accessibility**
4. Enhance **Knowledge Translation** and **Implementation**
5. **Collaborate** with **External Partners**
6. Pursue **Funding** and **Resources**
7. **Measure** and **Showcase Impact**
8. Engage in **Continuous Learning**
9. **Institutional Support**
10. Long-Term **Commitment**



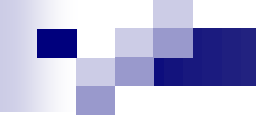
Align Research with Societal Needs

- **Address Real-World Problems:** Focus on pressing global challenges like health, climate change, inequality, or technological innovation.
- **Engage with Sustainable Development Goals (SDGs):** Position research projects within the framework of SDGs to ensure broader global relevance.



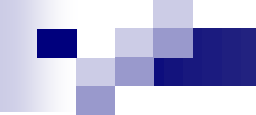
Foster **Interdisciplinary** Collaboration

- **Cross-Disciplinary Projects:** Collaborate across disciplines to solve complex problems and broaden the research's applicability.
- **Stakeholder Involvement:** Engage with industry, government, and community stakeholders from the outset to ensure practical relevance.



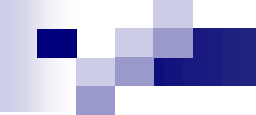
Increase **Visibility** and Accessibility

- **Open Access Publishing:** Make research outputs freely accessible to maximize their reach and use.
- **Effective Communication:** Use non-technical language to explain findings in blogs, infographics, podcasts, or videos for public audiences.
- **Leverage Social Media and Networks:** Share research findings on platforms like LinkedIn, Twitter, or ResearchGate.



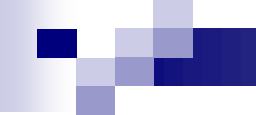
Enhance Knowledge Translation and Implementation

- **Policy Briefs and Recommendations:** Summarize findings for policymakers to facilitate their application in governance.
- **Practical Toolkits:** Develop applications, protocols, or technologies derived from research to support real-world use.
- **Workshops and Training:** Conduct training sessions for professionals or communities to apply research insights effectively.



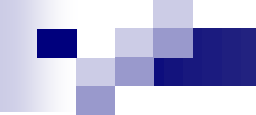
Collaborate with **External Partners**

- **Industry Partnerships:** Work with businesses to translate research into commercial applications.
- **Community Engagement:** Co-create research agendas with community members to address local needs and build trust.
- **Public-Private Partnerships:** Leverage shared resources and expertise for impactful outcomes.



Pursue **Funding** and **Resources**

- **Target Impact-Oriented Grants:** Seek funding from agencies that prioritize projects with measurable societal benefits.
- **Invest in Infrastructure:** Provide tools, labs, and platforms that enable impactful research and its dissemination.



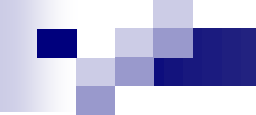
Measure and Showcase Impact

- **Use Metrics Thoughtfully:** Track citations, media mentions, policy influences, and community benefits.
- **Case Studies:** Publish examples of how research has made a difference to highlight practical relevance.
- **Altmetrics Tools:** Monitor the broader reach of your research through platforms like Altmetric and Plum Analytics.



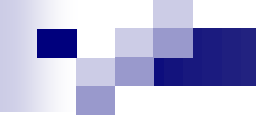
Engage in Continuous Learning

- **Train Researchers:** Provide workshops on **impact-driven research methodologies** and **communication skills**.
- **Feedback Loops:** Regularly gather feedback from stakeholders to **refine research focus** and **implementation**.



Institutional Support

- **Incentivize Impact:** Recognize and reward faculty and students for **impactful research** through awards or promotions.
- **Dedicated Offices:** Establish impact offices or teams to guide researchers in creating, measuring, and amplifying impact.
- **Collaborative Culture:** Promote a culture where interdisciplinary and applied research is valued.



Long-Term Commitment

- **Sustained Efforts:** Maintain long-term projects and partnerships that build cumulative impact.
- **Build Networks:** Participate in global networks to ensure that research contributions are relevant and far-reaching.



Publication Process



Business Plan for Your Article

1. Preparing your article
2. Publishing your article
3. Promoting your published article
4. Monitoring your article



Business Plan for Your Article

■ Pre-Publication

- ☐ Preparing your article
- ☐ Publishing your article

■ Post-Publication

- ☐ Promoting your published article
- ☐ Monitoring your article



Research Impact Story

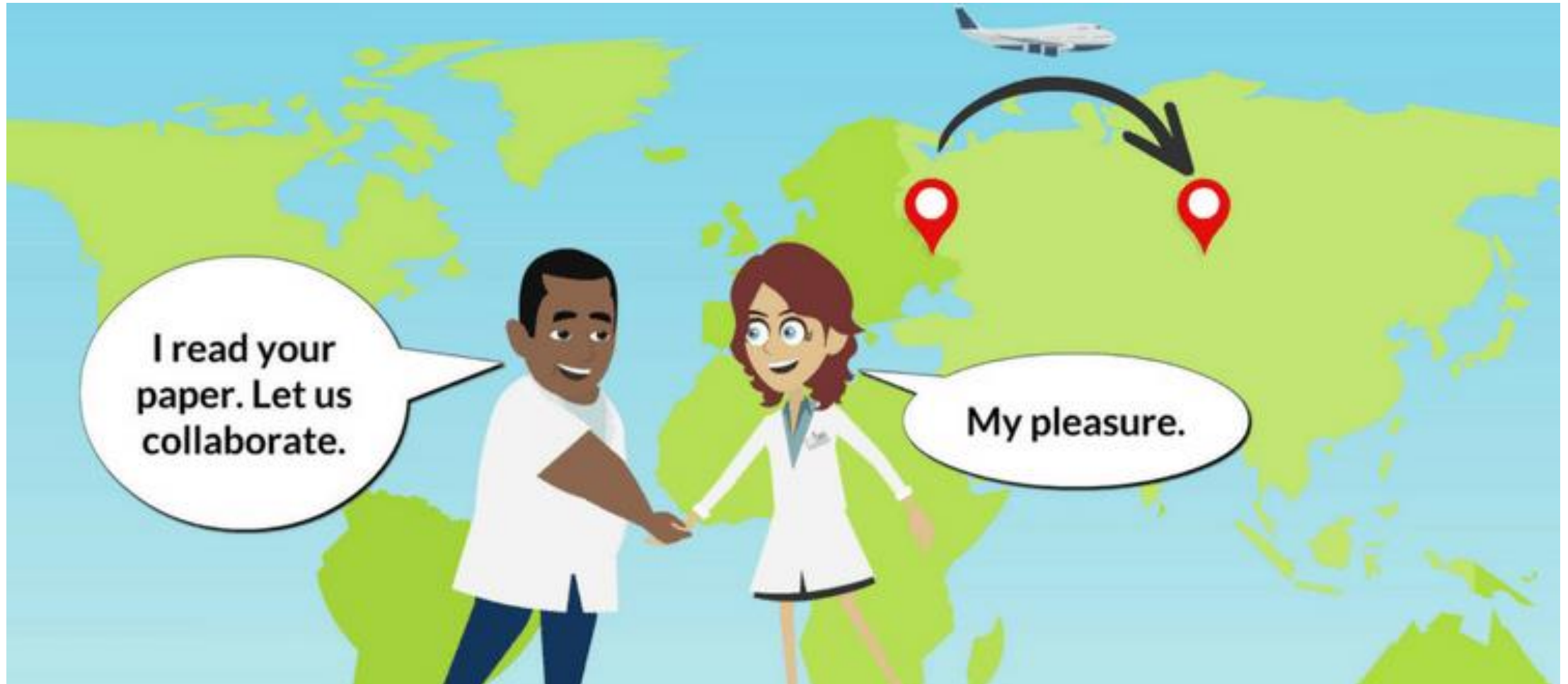
- Pre-Research Execution
 - Post-Research Execution
-
- Pre-Publication
 - Post-Publication



Pre-Publication (Pre-Research Execution)

- Select Research topics with a **high potential** academic and/or societal relevance.
- Consider the related **Hot Topics**.
- Consider the study types & designs like **reviews**.
- Don't forget that a **good topic** will result in a **good impact**.

How **Collaborations** Increase Research Impact?



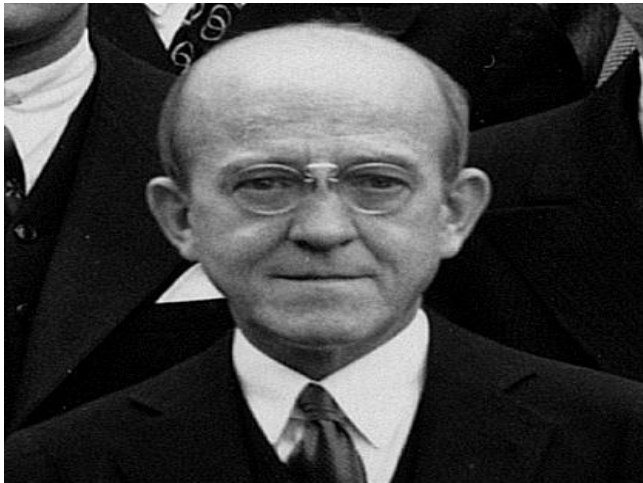
Institutional, National & International Collaboration & Its Effect on Citation





Preparing Your Article

- Spend time on abstract and introduction & conclusion
- Use easy to understand charts and professional illustrations
- Use clear and correct manuscript language
- Consider Brevity in paper, Conciseness & Precision in title
- Sharing research data



Oswald Avery (1877-1955)

1944: DNA is genes
= function

(nearly) Forgotten



James Watson (1928-Current)
Francis Crick (1916-2004)

1953: DNA two intertwined
spirals
= structure
Immortal

Writing Does Matter!



A structure for Desoxyribose
Nucleic Acid
Nature 1953, 737-738

~900 words, 1 sketch
1st mention of DNA: 2nd line

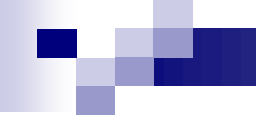
"It has not escaped our notice that the specific pairing we have postulated immediately suggests a possible copying mechanism for the genetic material."

Studies on the Chemical Nature
of the Substance Inducing
Transformation of Pneumococcal
Types
J. Exp. Med. 1944, 137-158



~7'500 words, 4 tables
1st mention of DNA: p9/23

"The evidence presented supports the belief that a nucleic acid of the desoxyribose type is the fundamental unit of the transforming principle of Pneumococcus Type III."



Pre-Publication (Pre-Research Execution)

- Ensure your research output has a **clear title** that is **direct** and **concise**. This will **promote readership** and **attract citations** from beyond your own discipline.
- Think about writing a **plain language summary** of your research that is understandable to a non-specialist audience including public or researchers from other disciplines



Enrich Your Article

Enrich Your Article to present your research in the **best possible** way

- **S**earch **E**ngine **O**ptimization (keywords, Captions, Highlights)
- Using **Multimedia** (Editorial Podcasts, AudioSlides)
- **G**raphical Abstract

Highlights Gynecologic Oncology Journal Example

Cervical Cancer

- ❏ [The efficacy and safety of neoadjuvant chemotherapy in the treatment of locally advanced cervical cancer: A randomized multicenter study](#) Original Research Article

Pages 231-239

Zhijun Yang, Dandan Chen, Jieqing Zhang, Desheng Yao, Kun Gao, He Wang, Cui Liu, Jiang Yu, Li Li

► [Abstract](#) | ▼ [Close research highlights](#) |  [PDF \(909 K\)](#)

Highlights

- NACT reduces rate of patients requiring postoperative radiation by eliminating pathological risk factors, including LVSI and deep stromal invasion.
- IP as neoadjuvant chemotherapy has similar efficacy comparing to TP, but higher rates of neutropenia and diarrhea.
- LVSI was the only factor that indicates prognosis.

Graphical Abstract

Gynecologic Oncology Journal Example

Reviews

☐ The sentinel node procedure in early stage cervical cancer, taking the next step; a diagnostic review [Review](#)



Article

Pages 559-567

Casper Tax, Maroeska M. Rovers, Corine de Graaf, Petra L.M. Zusterzeel, Ruud L.M. Bekkers

► Abstract

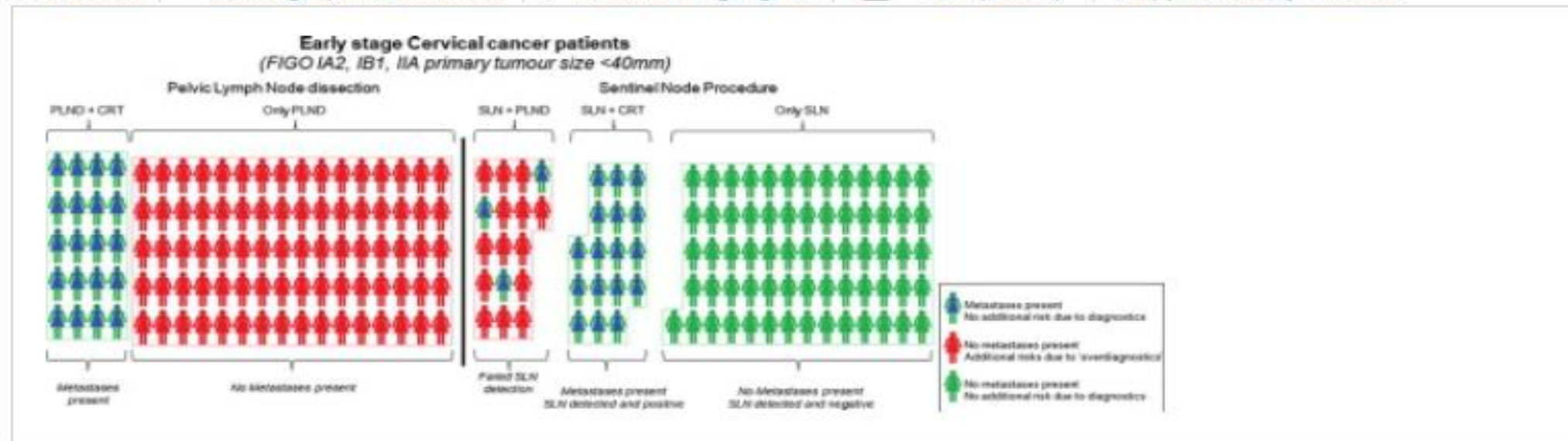
▼ Close graphical abstract

► Research highlights



PDF (883 K)

Supplementary content



Graphical Abstract

Gynecologic Oncology Journal Example

□ Hepatocyte growth factor secreted by ovarian cancer cells stimulates peritoneal implantation via the mesothelial–mesenchymal transition of the peritoneum Original Research Article

Pages 345-354

Michihiko Nakamura, Yoshihiro J. Ono, Masanori Kanemura, Tomohito Tanaka, Masami Hayashi, Yoshito Terai, Masahide Ohmichi

► Abstract

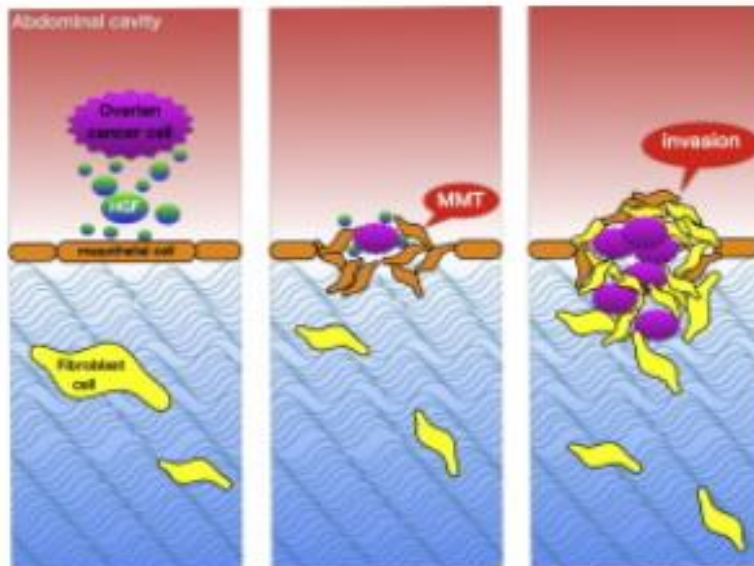
▼ Close graphical abstract

► Research highlights



PDF (1873 K)

Supplementary content





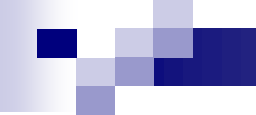
Business Plan for Your Article

1. Preparing your article
2. **Publishing** your article
3. Promoting your published article
4. Monitoring your article



Pre-Publication (Pre-Research Execution)

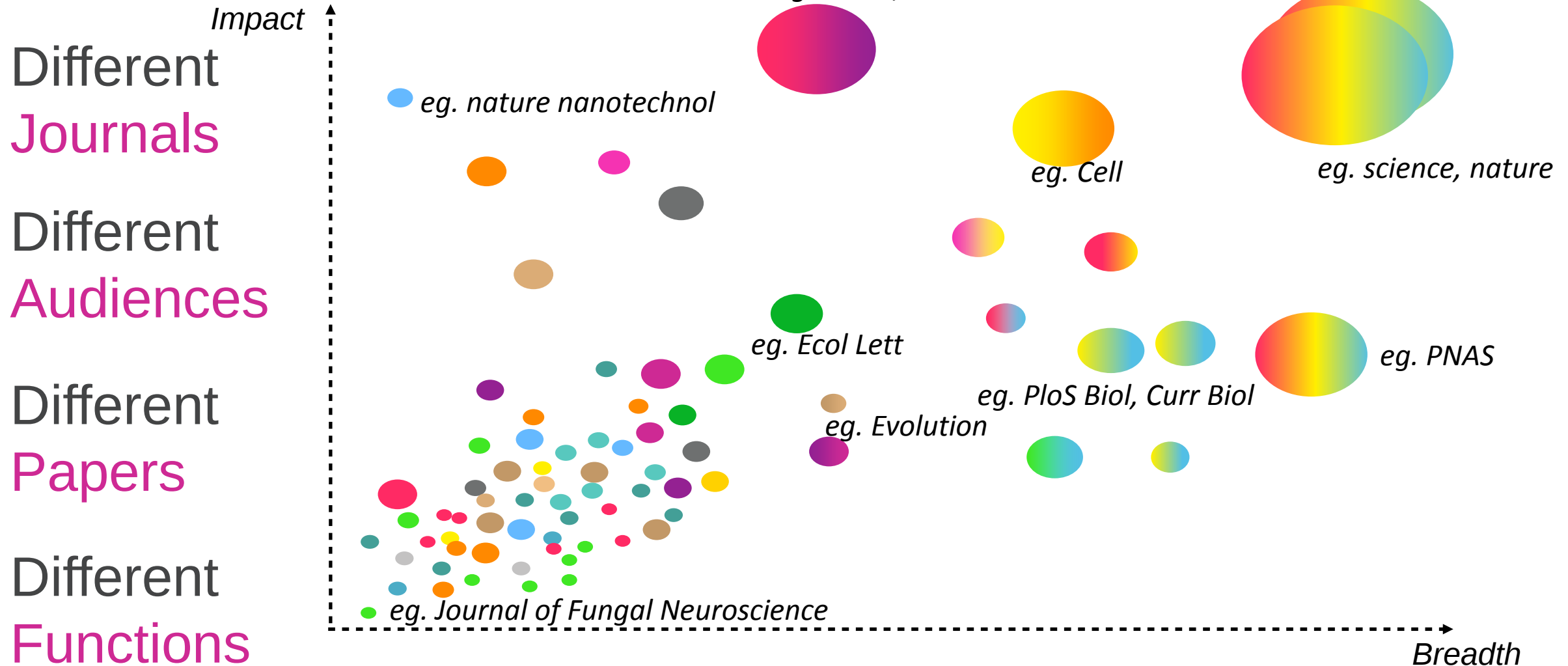
- Choose the **Right Journal** to publish your manuscript
- Consider **Open Access Journals**
- Consider **the indexing Database** of target Journal



Considerations in **Selecting a Journal**

1. National or international audience?
2. Language?
3. Databases indexes Journal?
4. Multidisciplinary or specialty journals?
5. The journal's content area/scope?
6. Chances of acceptance?
7. What about the impact factor?
8. Practical matters (time to publication, etc.)

The Journal Spectrum



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the period of investigation, it is found that the troposphere temperature has increased by about 0.033 °C/year at Helwan, Egypt, 0.03 °C/year at Coimbra, Portugal, and 0.028 °C/year in Hurbanovo/Stará Lesná, Slovakia. The Sq geomagnetic variations depend on the intensity of the electric currents generated by the effect of solar radiation in the ionosphere.

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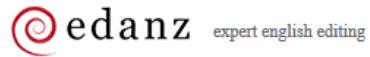
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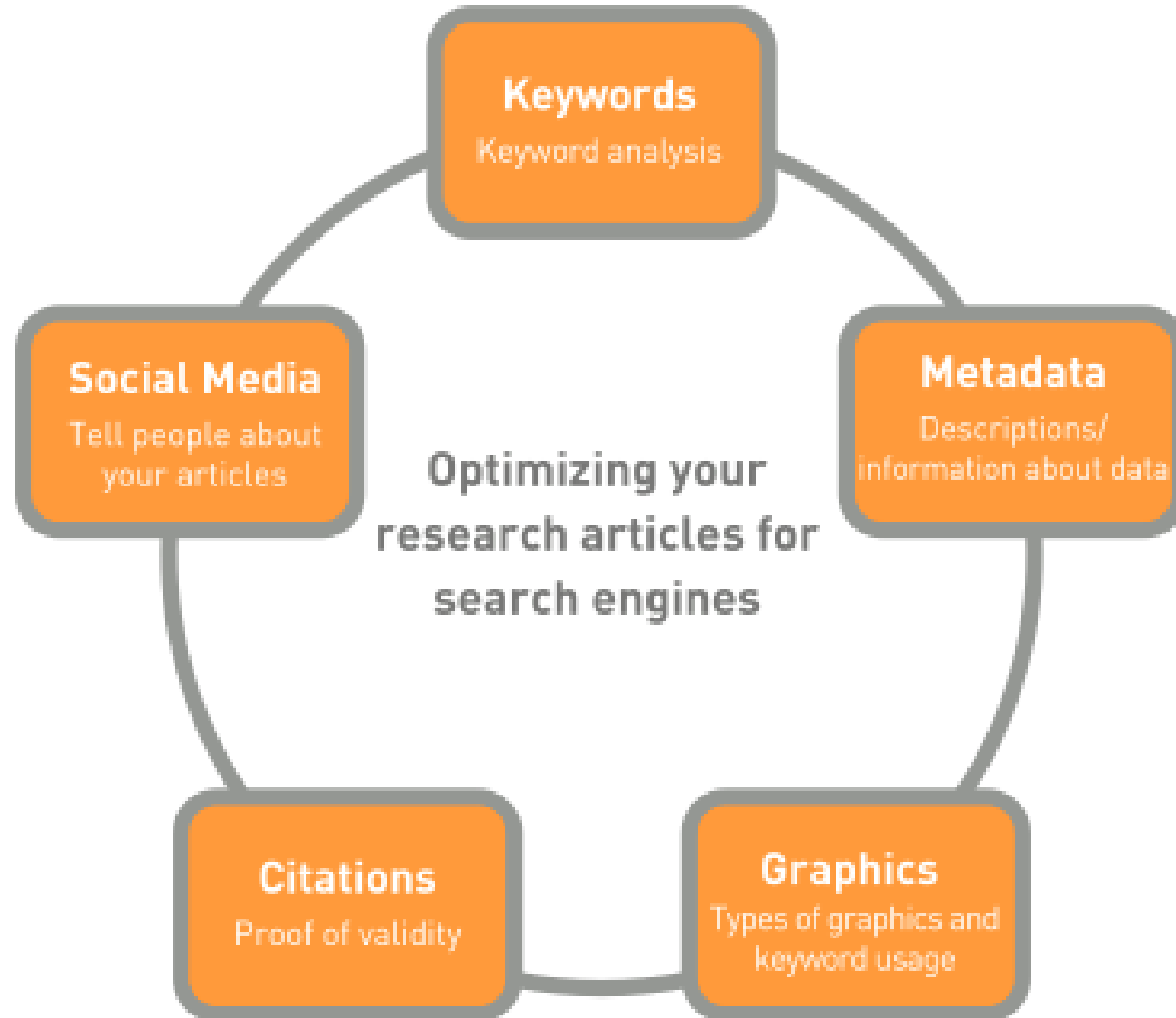
SEARCH

Data update: Journal Impact Factor is not currently displayed on JournalGuide. [Read more here.](#)

Optimizing articles for search-engines (SEO)

- Although search engine optimization (SEO) is usually associated with websites and webpages, it can be used for scientific articles as well.
- Not only to ensure that articles are found (crawled) and indexed, but also to influence the position where the articles are displayed in the results list.
- Just like any other type of ranked search results, articles displayed in top positions are more likely to be read and cited.

How to SEO your articles





Pre-Publication (Pre-Research Execution)

- Use Alternative and/or parallel publishing channels, such as **Pre-print Services** and **Pre-print Servers** to generate feedback and interest in your publication (e.g. arXiv.org e-print service and others)



Research Impact Story

- Pre-Research Execution
 - Post-Research Execution
-
- Pre-Publication
 - Post-Publication



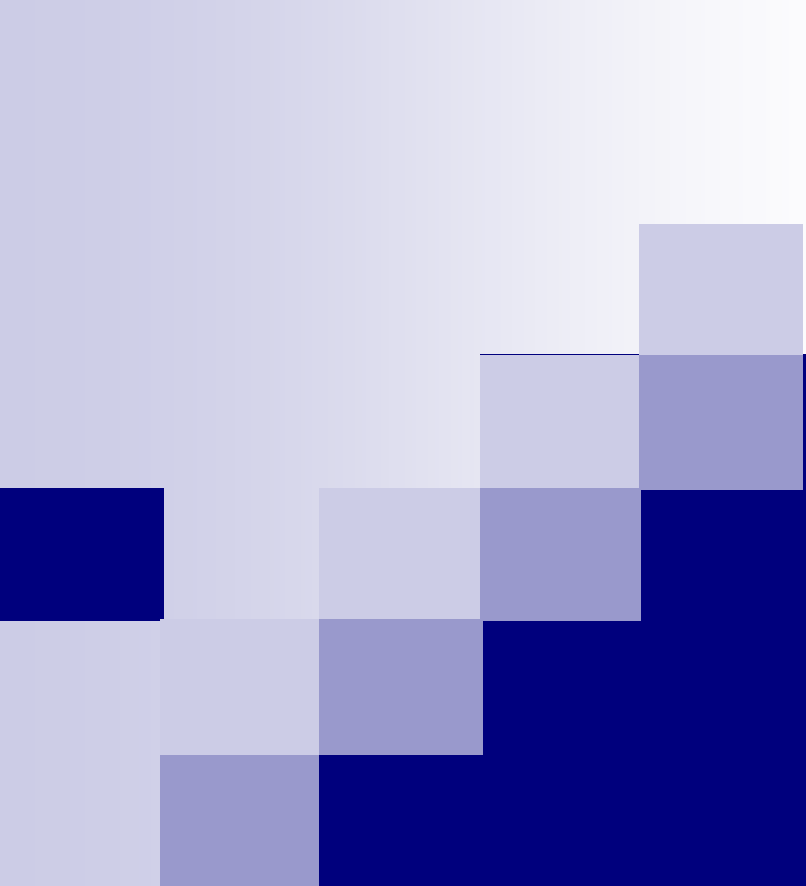
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■ Pre-Publication

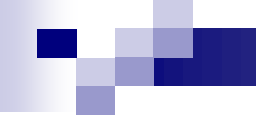
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- ☐ Publishing your article

■ Post-Publication

- ☐ Promoting your published article
- ☐ Monitoring your article

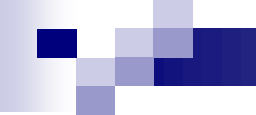


Promoting your published article



Post-Publication (Post-Research Execution)

- Writing and publishing your scholarly article is not the final step. You must **Market** your research.
- To maximize your research impact, you must inform everyone in your **academic** and **social networks** about it.
- Use **social media** to discuss your article or study, focusing on **special interest groups**.



Impact & So **Correlated** With **Visibility**

- To make an **impact**, first you have to make **yourself** & your work **visible**.
- The more **visible** you are, the more **probable** you make an **impact**.
- The ways for researchers to increase their visibility and impact are different across different.



Make & Mind Your Academic Profiles

- Use & Update **Author Identifiers** and **Profiles**:
- ORCiD
- Google Scholar
- ResearcherID (Publons)
- Scopus Author ID
- Loop

Post-Publication (Post-Research Execution)

- Share links to your abstract or publication on **Academia**, **LinkedIn**, on your **website**, your academic institution's profile page, **Facebook**, **Twitter**, etc.
- When publisher policy permits, post your article/study (or author version) to:
 - Subject repositories, (e.g. SSRN, DOAJ, PubMed Central)
 - **Mendeley**, **ResearchGate**, **Academia** and elsewhere

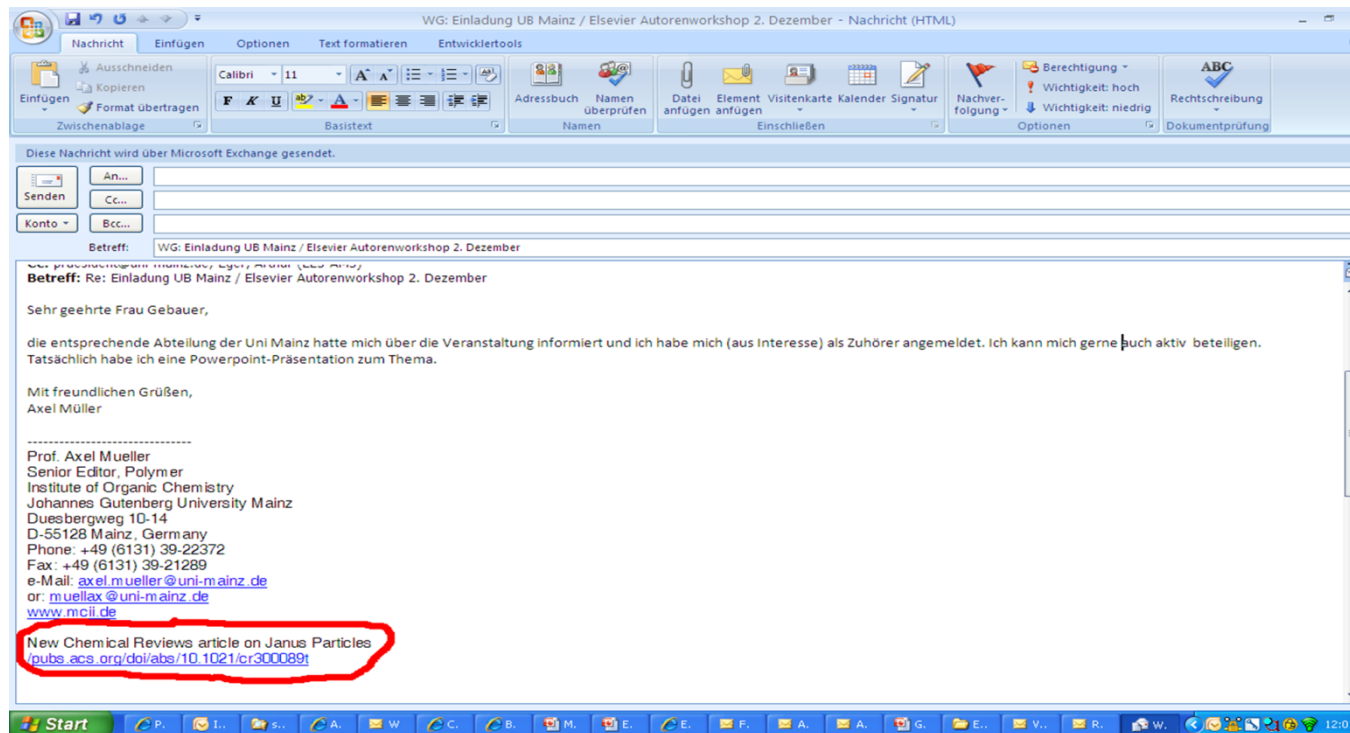


Promoting your article

1. Press Release
2. Conferences
3. Media relations
4. Shared links to your article
5. Online CV
6. Social Networks

Share links to your article

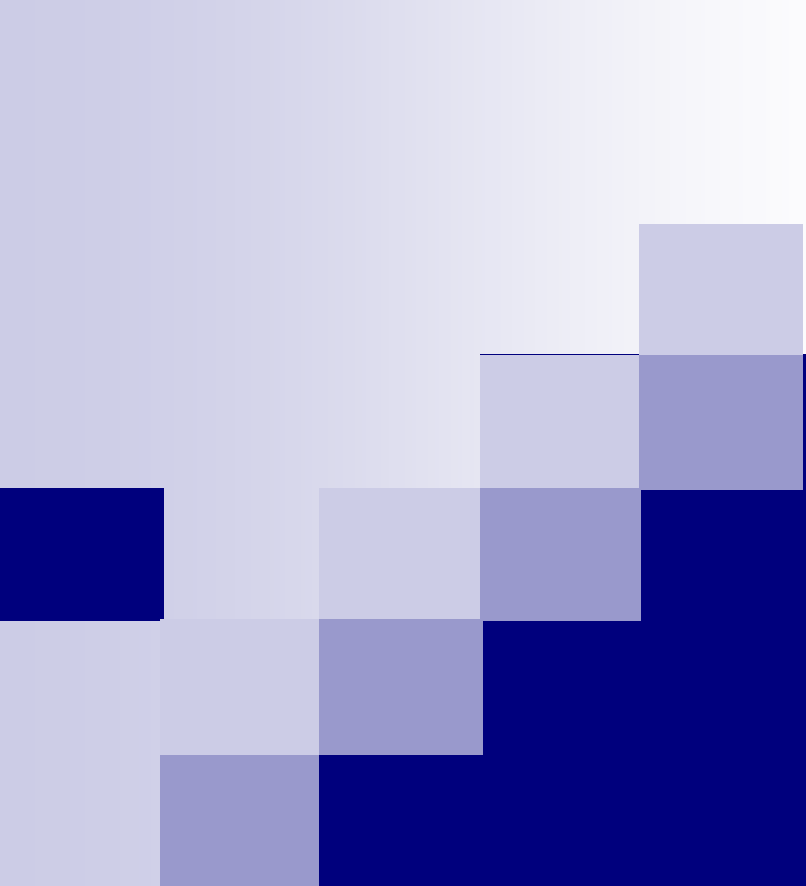
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- Link from university website & Emails to boost SEO



Social Networks

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Academic Social Networks



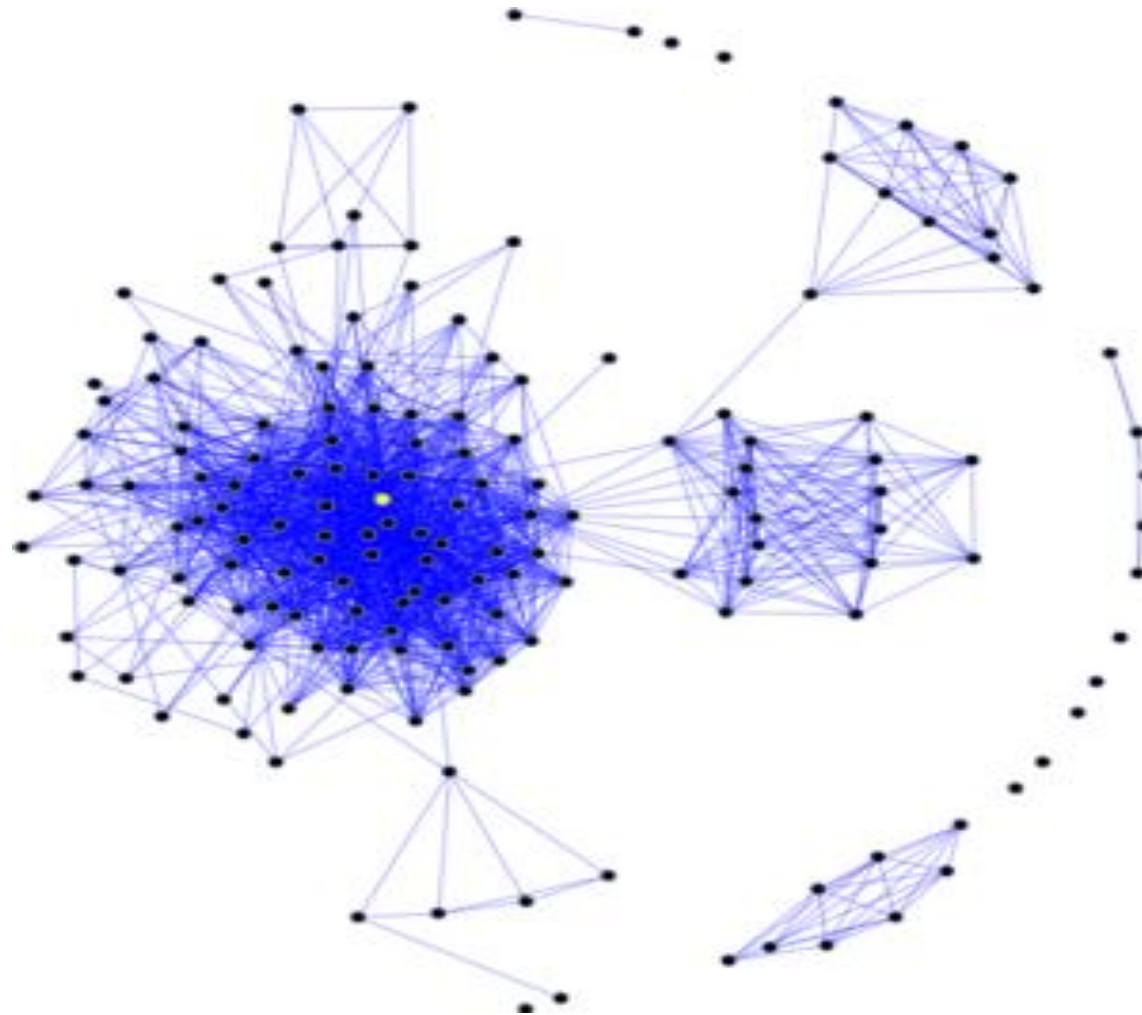
**Facts Don't Change Minds;
Social Networks,
Group Dialogue,
and Stories Do.**



What is a **Social Network**?

- A social network is a social structure **made up of individuals** which are connected by **one or more specific types of interdependency**, such as **friendship, common interest, relationships of beliefs, knowledge or prestige.**

Social Network Analysis





SOCIAL MEDIA AND ACADEMIA

	 X/TWITTER	 BLUESKY	 LINKEDIN	 MASTODON	 THREADS
Users	550m	1.7m	310m	1.8m	8m
Business adoption					
Mobile app					
Web version					
Threaded posts					
Scheduling posts					
Multimedia posts	  		  	  	  
Character length	280 Free version	300	3000	500	500
Direct Messages					
DMs may require connection between users					

Data source: Wikipedia (accessed 1st November 2023)

linktr.ee/andy_tattersall

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Examples of **Social** Networks

Scientific Social Networks

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- <http://www.academia.edu/>
- <http://www.mendeley.com/>

General Social Networks

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- <http://www.twitter.com>
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- Twitter (<http://twitter.com>)
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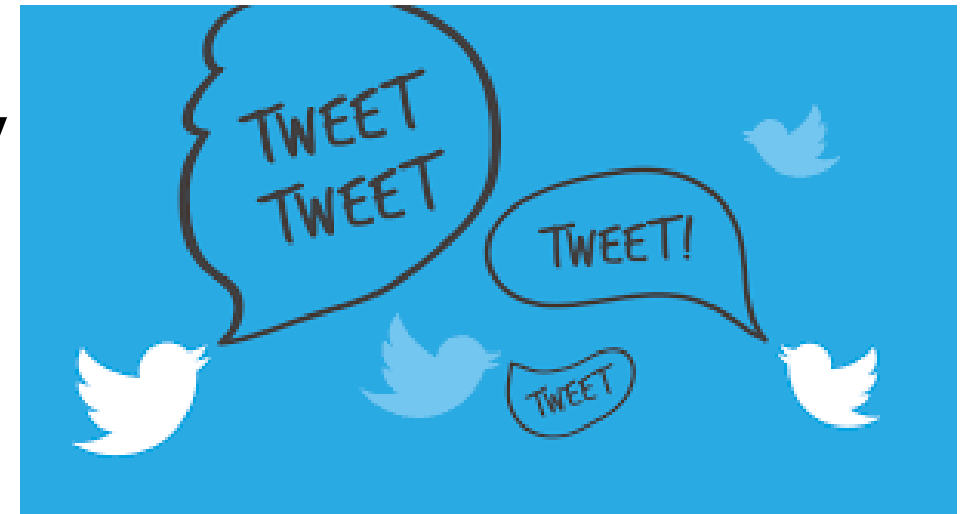
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Social Media: **Twitter**



- Tweet of **280** Character
- **Audio** and **video** tweets limited to **140** seconds
- **Follow** other researchers
- **Post** regularly and **respond** promptly
- Retweet
- Use **images**, **movies** & audios





Twitter Visibility

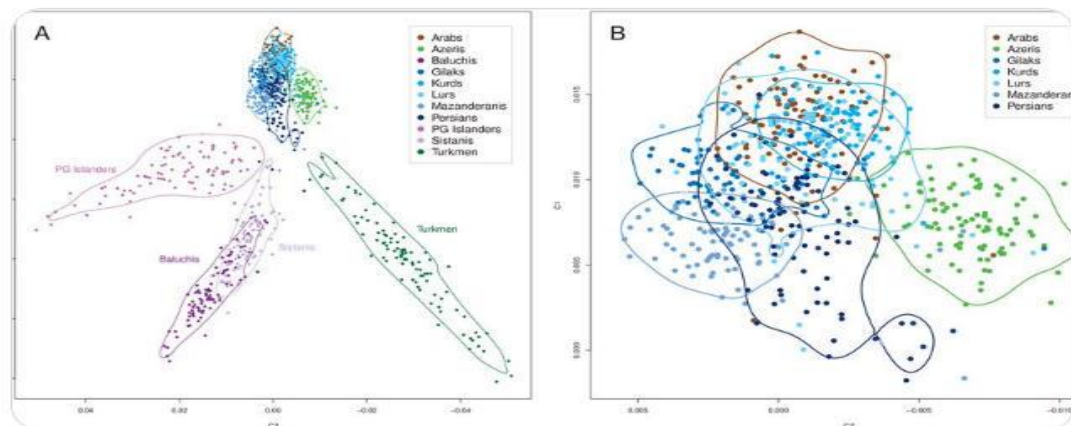


Neo @legendoffall_ · Aug 5

...

رشتو:

۱/ آزمایش ژنتیکی ۱۰۰۰ ایرانی از اقوام مختلف: پژوهشگران تعداد مشخصی از گروه های ترک، لر، عرب، فارس، بلوچ، ترکمن، کرد، زرتشتی، گیلک، جزایر خلیج فارس و سیستانی را انتخاب میکنند و آزمایش میگیرن. نتایج نشون می ده که همه از یک ریشه هستیم؛ فقط بلوچ و جزایر خلیج فارس و اعراب کمی



268

1,183

7,796



Neo @legendoffall_ · Aug 5

...

۲: التقاط با همسایه ها داشتن.

زرتشتی ها وسط کلاستر همه اقوام هستن. اختلاف بین دوتا فارس ممکنه از یک فارس و یک ترک بیشتر باشه. نتایج نشون میده که ماها با مردم Tuscany ایتالیا زن مشترک زیادی داریم. همچنین اگه ما را با اعراب و جنوب آسیا و شرق آسیا و ... مقایسه کنن، ما با اروپایی ها

10

39

2,549



Twitter Visibility

OPEN ACCESS PEER-REVIEWED
RESEARCH ARTICLE

Distinct genetic variation and heterogeneity of the Iranian population

Zohreh Mehrjoo, Zohreh Fattahi, Maryam Beheshtian, Marzieh Mohseni, Hossein Poustchi, Fariba Ardalani, Khadijeh Jalalvand, Sanaz Arzhangi, Zahra Mohammadi, Shahrouz Khoshbakht, Farid Najafi, Pooneh Nikuei, Mohammad Haddadi, [...], Michael Nothnagel [view all]

Published: September 24, 2019 • <https://doi.org/10.1371/journal.pgen.1008385>

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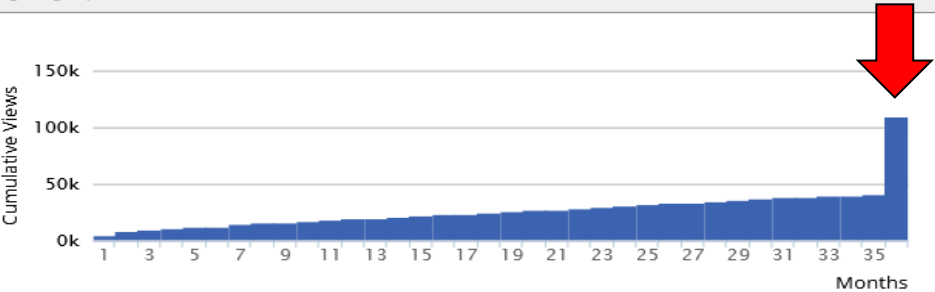
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*Although we update our data on a daily basis, there may be a 48-hour delay before the most recent numbers are available.



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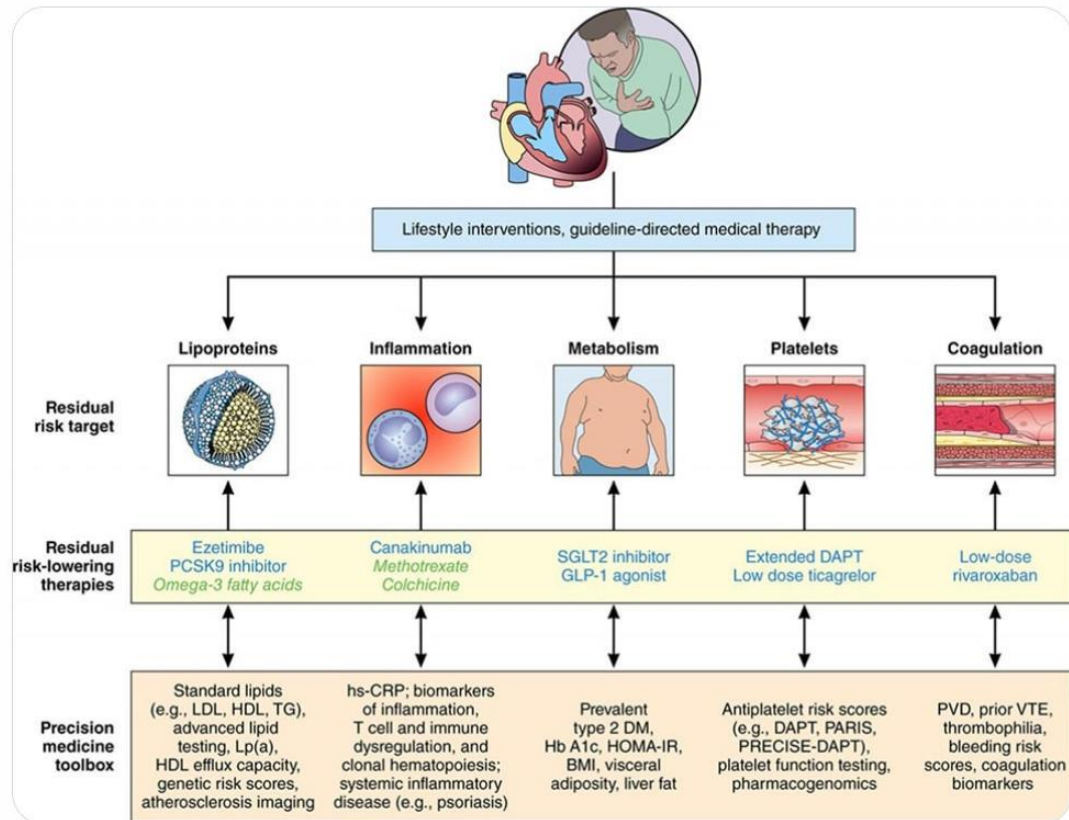


The Heart @ZHeart11768530 · 22h

Residual Atherosclerotic Cardiovascular Disease Risk : Evaluation and Treatment

ejinme.com/article/S0953-...

#cardiology #CardioTwitter #CardioEd #medtwitter #MedEd



...



AJKD @AJKDonline · 17h

Kidney Dysfunction in the Setting of Liver Failure: Core Curriculum 2024

buff.ly/3NoEcfZ

@SwethaKanduriMD @VelezNephHepato @OchsnerNephro

Kanduri and Velez

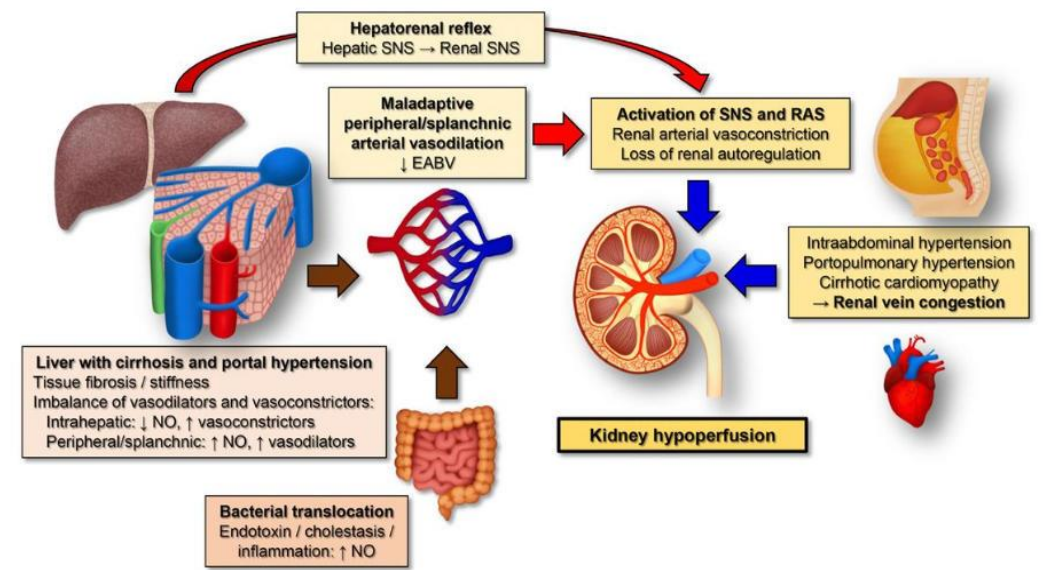


Figure 2. Pathogenesis of hepatorenal syndrome type 1, so-called hepatorenal physiology, illustrating the hemodynamic mechanisms that cause kidney hypoperfusion in decompensated cirrhosis. Abbreviations: EABV, effective arterial blood volume; NO, nitric oxide; RAS, renin angiotensin system; SNS, sympathetic nervous system.

How to Post on Paper on X Twitter?!



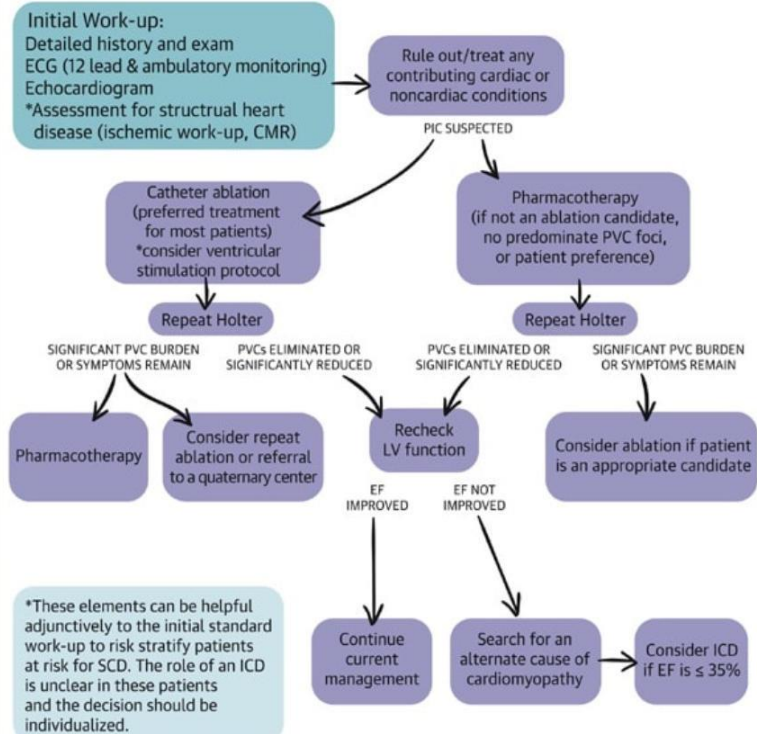
The Heart @ZHeart11768530 · 21h

Premature Ventricular Complex-Induced Cardiomyopathy @JACCJournals

jacc.org/doi/abs/10.101...

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CENTRAL ILLUSTRATION: Work-Up and Management for Suspected PVC-Induced Cardiomyopathy



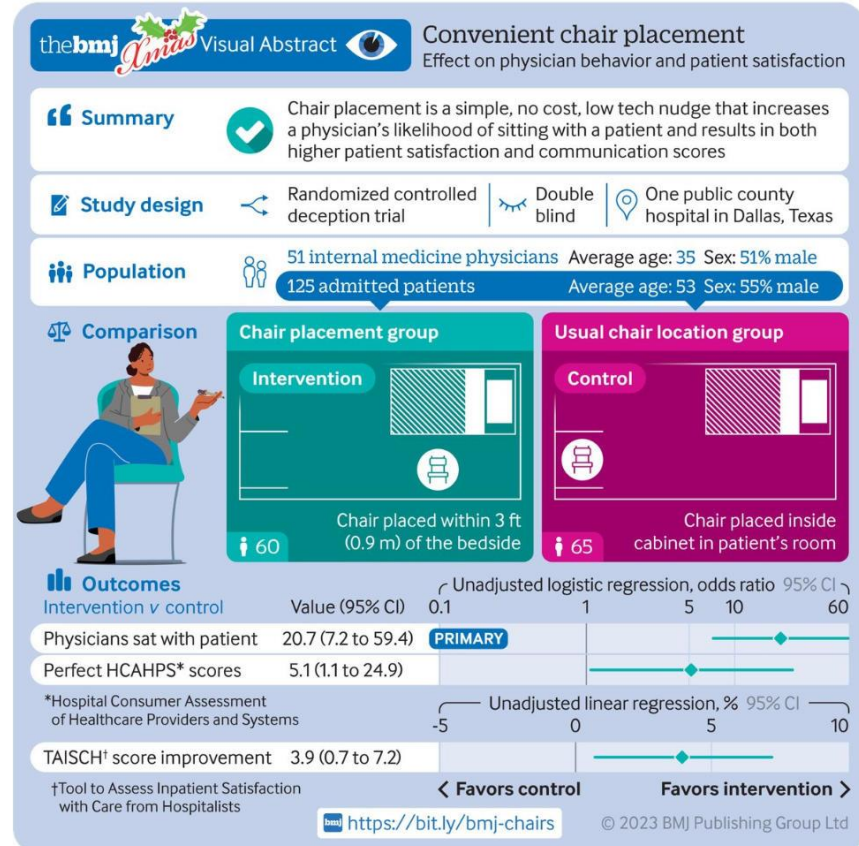
Latchamsetty, R. et al. J Am Coll Cardiol EP. 2019;5(5):537-50.



The BMJ @bmj_latest · Dec 18

Study finds that placing a chair by a patient's bedside makes physicians more likely to sit during patient encounters, receiving higher patient communication and satisfaction scores 🪑👍

Includes a #VisualAbstract summarising the study #BMJChristmas bmj.com/content/383/bm...



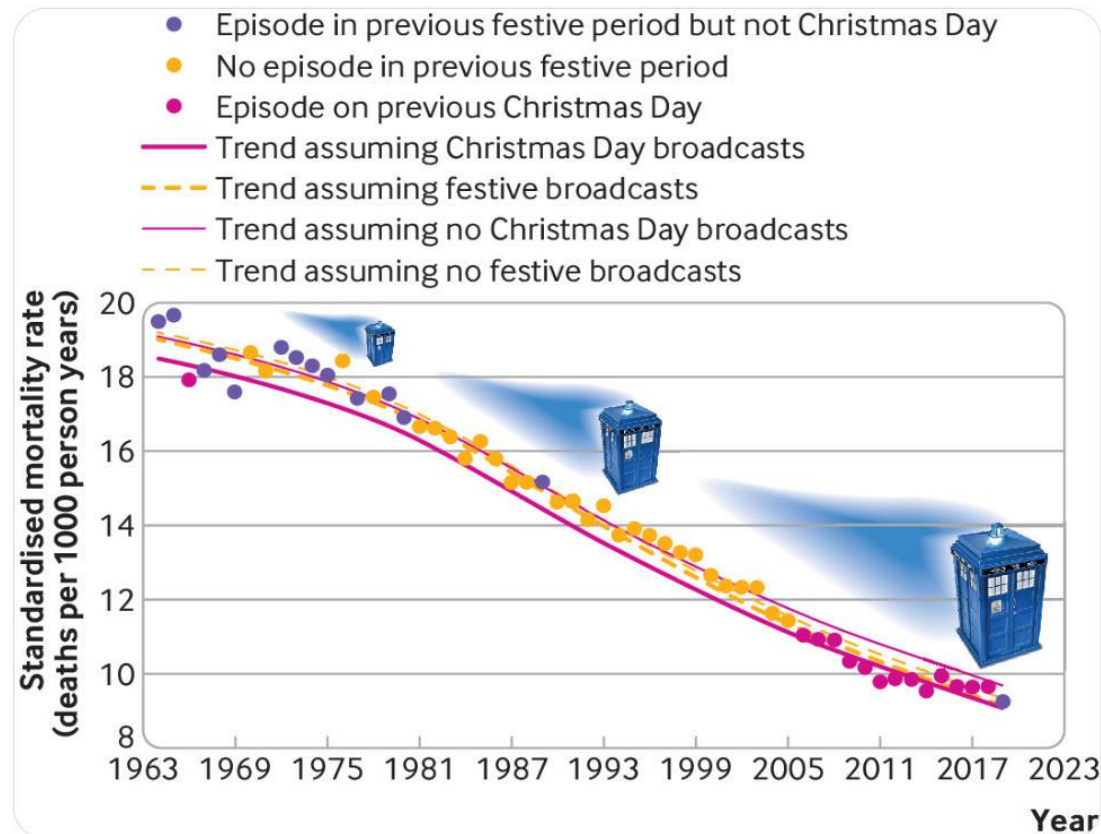
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The BMJ 🌟 @bmj_latest · 9h

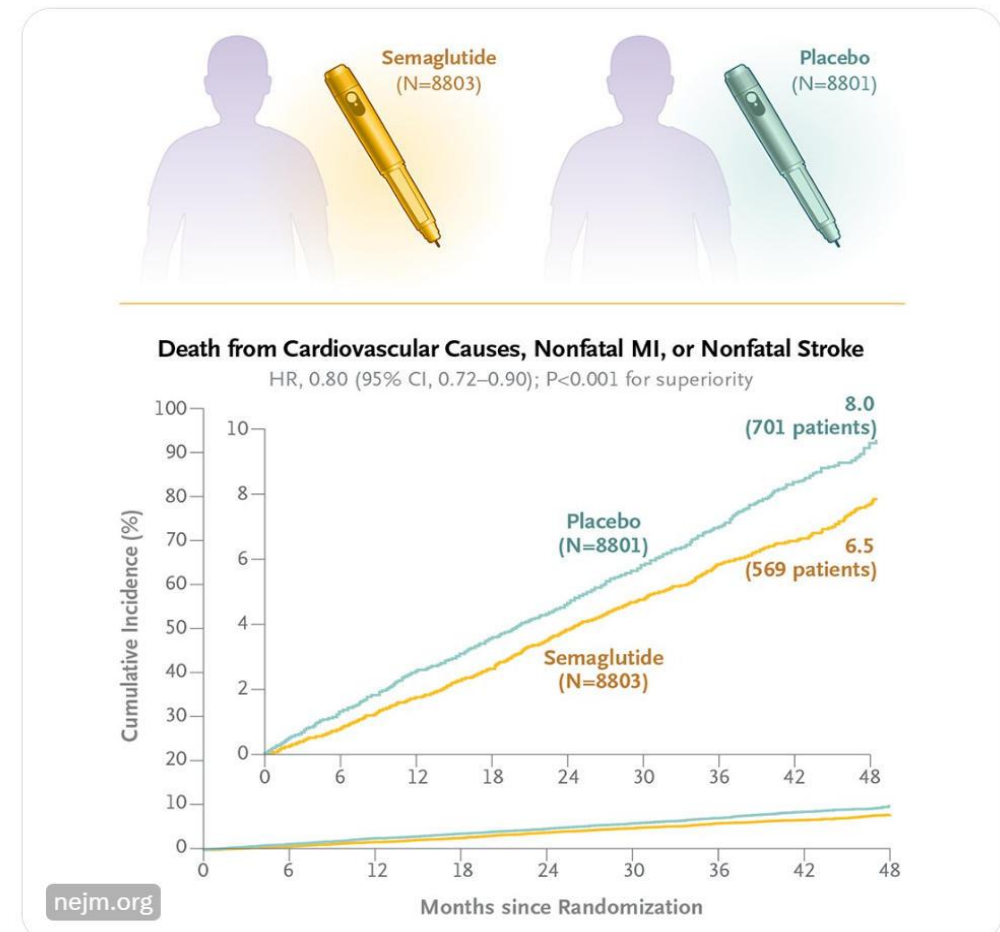
A new [#DoctorWho](#) episode shown during the festive period, especially on Christmas Day, is associated with lower death rates in the subsequent year across the UK, finds new [#ChristmasBMJ](#) study

[#DrWho](#) @Richard_D_Riley
bmj.com/content/383/bm...



NEJM @NEJM · Dec 18

GLP-1 receptor agonists can reduce the risk of adverse cardiovascular events in pts with diabetes. Whether the GLP-1 receptor agonist semaglutide can also reduce cardiovascular risk in pts with overweight or obesity but without diabetes is unknown. nejm.md/465pj91



Bug in a mug: are hospital coffee machines transmitting pathogens?

BMJ 2023; 383 doi: <https://doi.org/10.1136/bmj.p2564> (Published 18 December 2023) Cite this as: BMJ 2023;383:p2564



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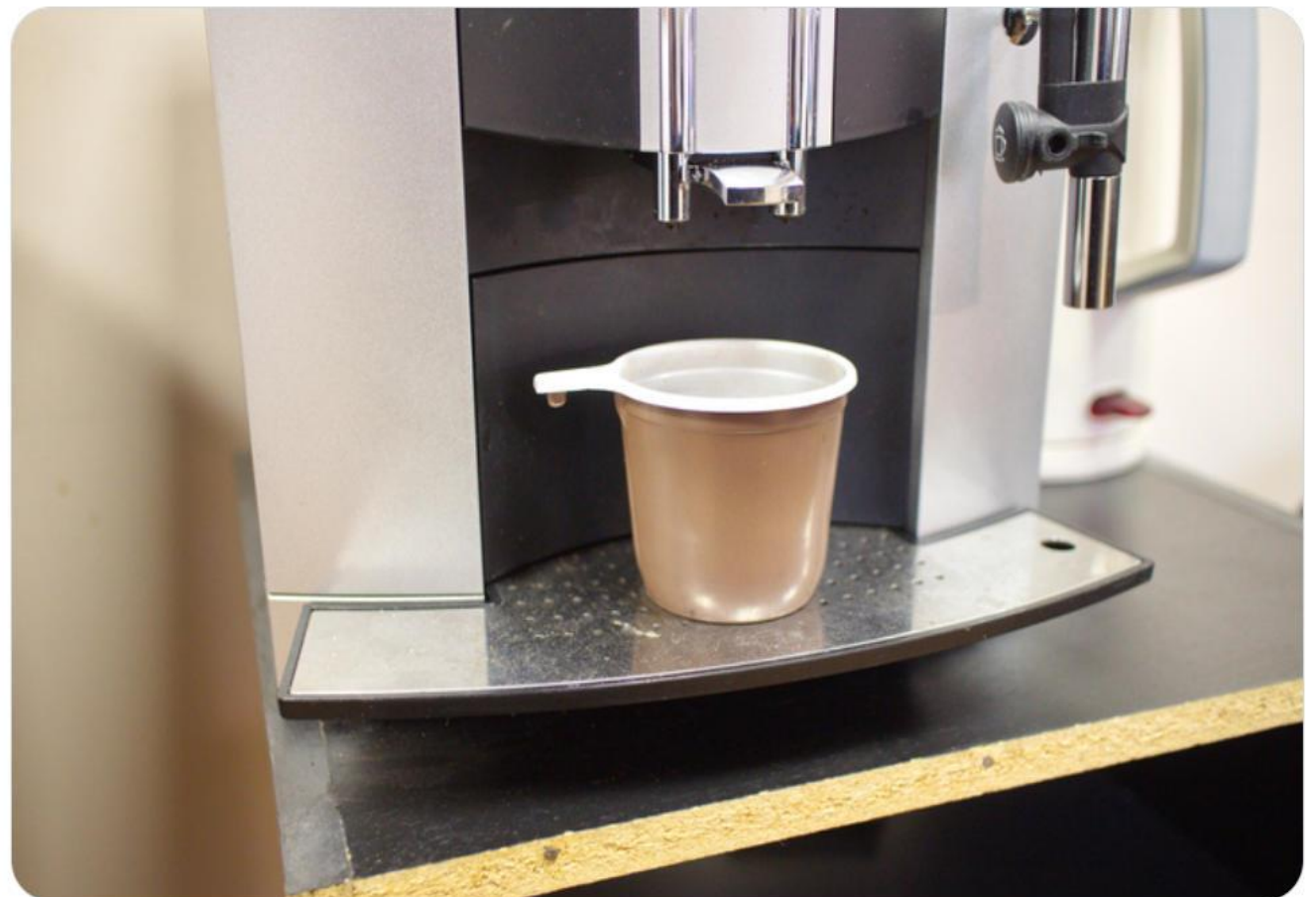


BMJ  @bmj_company · 4h

  Good news for healthcare workers!  New study in [@bmj_latest](#) gives hospital coffee machines a clean bill of health—no need for a general ban   Time to enjoy that much-needed coffee break worry-free!

[#HealthcareNews](#) [#CoffeeSafety](#)

Read it here: bit.ly/3uX6JCY



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Wiley Clinical Health @WileyHealth · 2h



Is trustworthiness an adequate screening criterion to ensure the accuracy of [#SystematicReviews](#)? This [#CochraneESM](#) article looks at the impact of removing untrustworthy [#RCTs](#). [#InclusionCriterion](#) @cochranemthds



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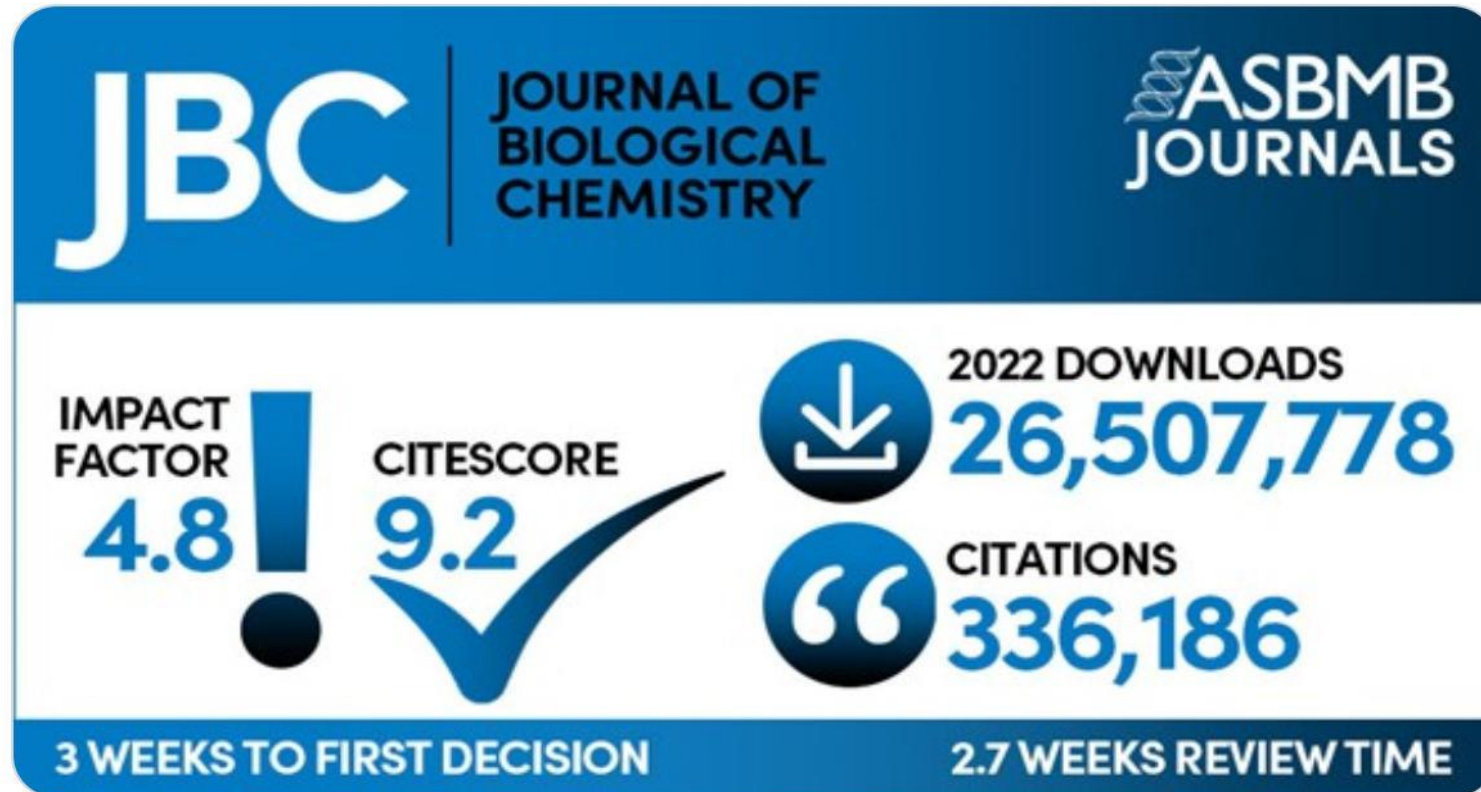
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Elsevier Biomedchem ✓ @elsbiomedchem · 1h



The JBC editorial team invite your paper. Find out more spkl.io/60174YltW
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65



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The screenshot shows the Academia.edu user interface. At the top is a dark blue header with the Academia.edu logo, a search bar, and navigation links. The main content area features a status update box with the prompt "What are you thinking about right now?". Below this is a list of papers. The first paper is "Open Access: Imaging Policies for Medieval Manuscripts in Three University Libraries Compared" by Kathryn Rudy, with a green line graph showing its performance over time. The second paper is "Prefigurative Action Research: an alternative basis for critical psychology" by Mark Burton. On the right side, there is a "Your Stats" section with a line graph and a "Who to follow" section listing users like azam majidi and Faraz Kalantari.

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about 24 hours ago

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13

7

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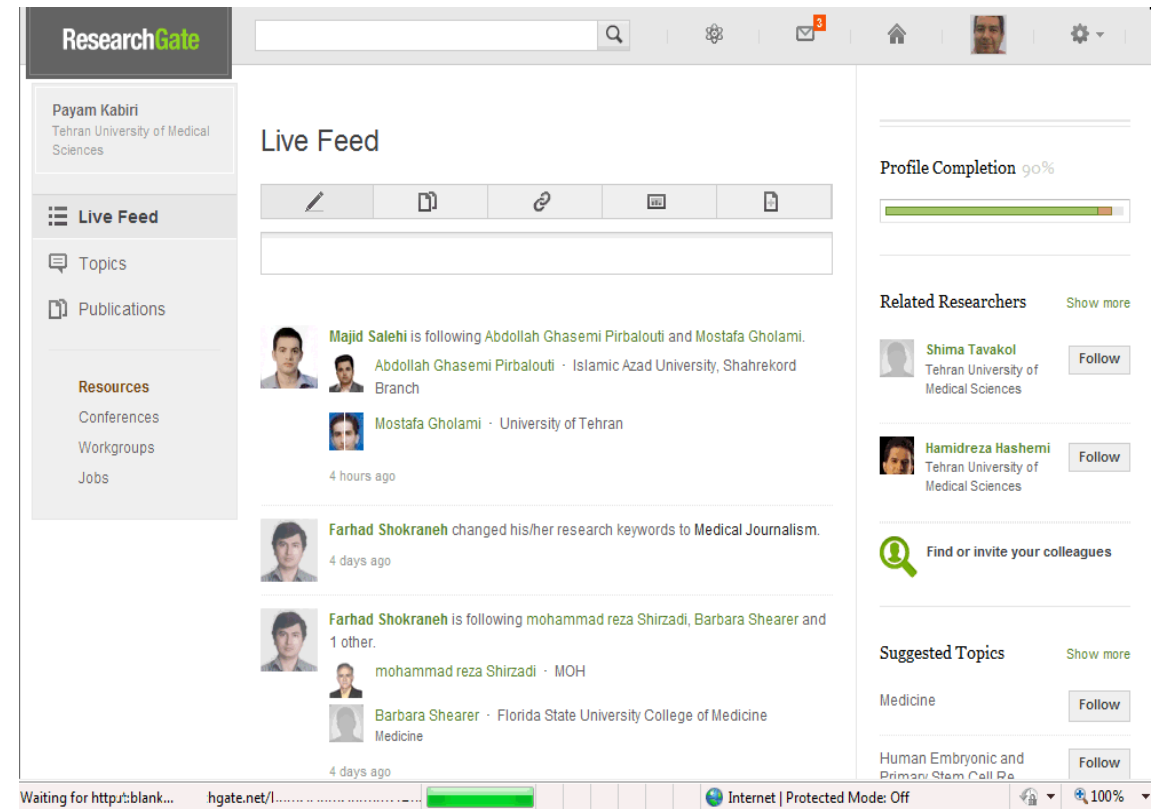
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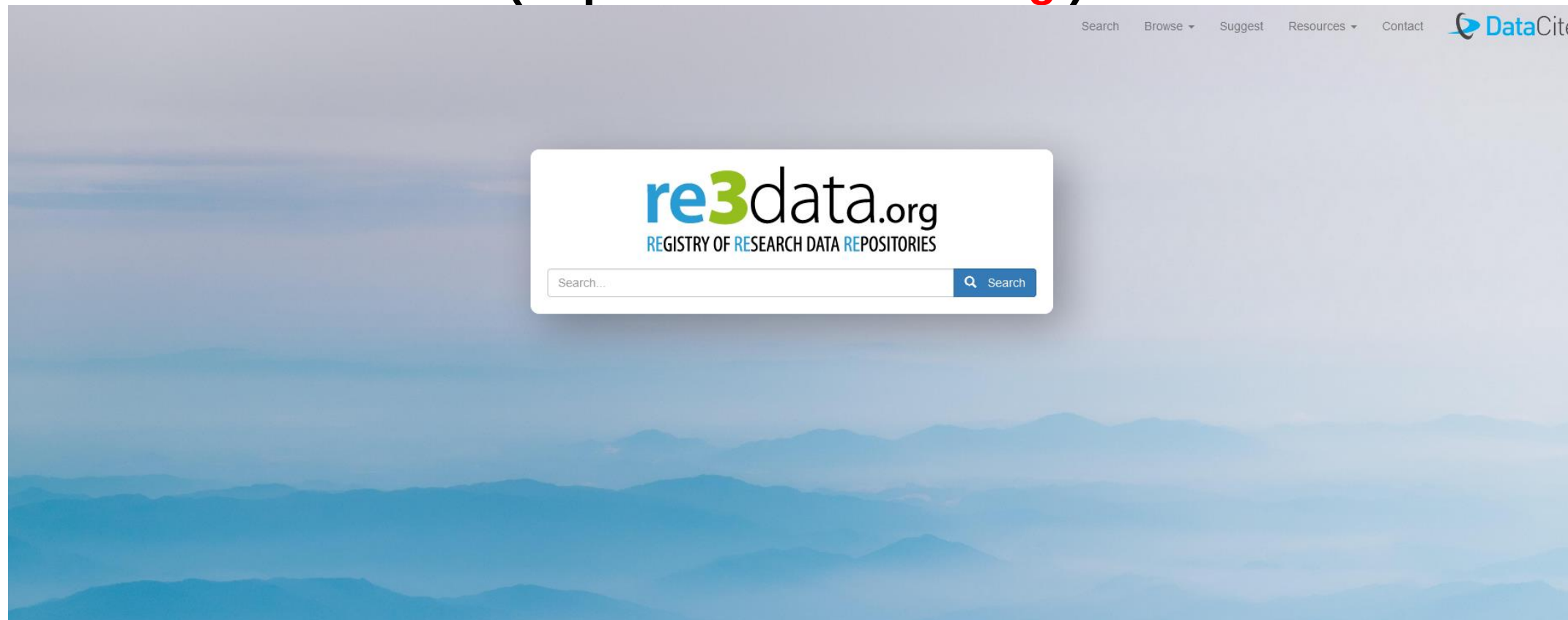
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Registry of Data Repositories

(<https://www.re3data.org/>)



Reviewing the subject classification in re3data

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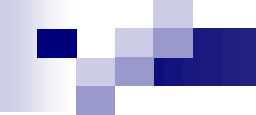
From stakeholder survey and workshops to the new Conceptual Model for User Stories – a

Releasing version 3.1 of the re3data Metadata Schema

DataCite, the international infrastructure for research data

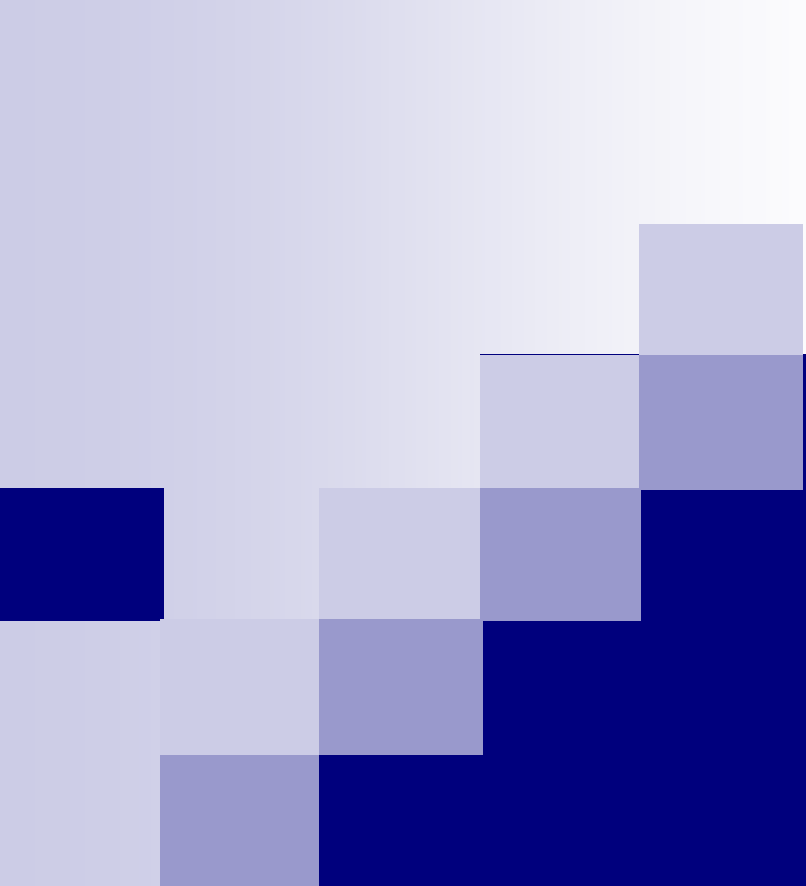
Datasets Registrations in Repositories

- **Data journals** offer another route to making data more **discoverable and citable**. They are often based on data deposited in a data repository and involve some level of peer review.
 - ☐ Data in Brief
 - ☐ Journal of Open Humanities Data
 - ☐ Open Health Data
 - ☐ Journal of Open Psychology Data
 - ☐ Scientific Data



Business Plan for Your Article

1. Preparing your article
2. Publishing your article
3. Promoting your published article
4. Monitoring your article



Monitoring Your Article



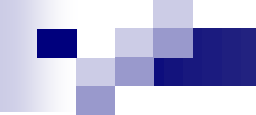
Monitoring your article

1. Publishers Research Dashboard
2. Altmetrics Indices
3. Social Networks Tools
4. Scientometric Tools



Research **Dashboard**

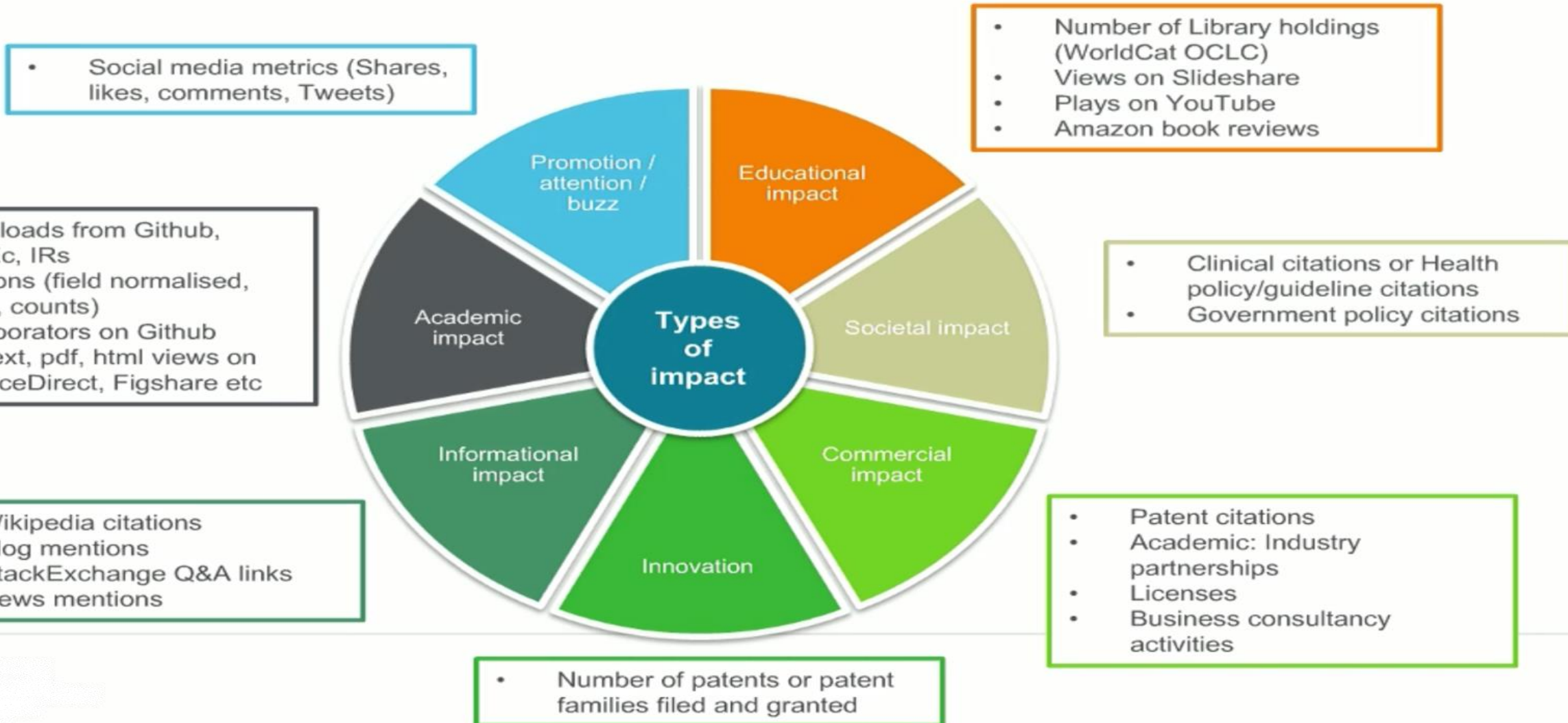
- Early feedback on downloads, shares and citations
- Data about the geographic locations and research disciplines of your readers
- Search terms used in ScienceDirect to find your publications
- A comparison of the performance of your article with other people's articles



Different Types of Impacts

- Research impact
- Social impact
- Clinical impact
- Economic impact
- Environmental impact
- Impact on health and wellbeing
- Policy influence and change
- Technological developments

Different Types of Research Impacts & Metrics



Metrics That Help You

Articles	Custom document set	Journals, Conference Papers, Books	Portfolio	Author, Editor, Reviewer	Institution or Group	Subject Area
Community	Contributions	Consumption	Scholarly Impact	Social Impact		
Editor Board Authors	Outputs Funding awards	Usage Citations Audience Patents	Scholarly Activity Academic Opinion	Social Activity Media Activity		
Geographical spread	Scholarly output	CiteScore	Scholarly discussion	Social media mentions		
Collaboration network	Research data output	Impact Factor	Mendeley Counts	Media mentions		
Sector distribution	Conference output	FWCI, SJR, SNIP	Peer Review metrics	Medical guidelines		
<i>h-, g-, m-</i> indices	Funding sources	Citation Counts	Prizes and awards	Influence policies		
		Usage counts				
		Patent metrics				

Key Characteristic of World Class University



Robust Planning



Abundance of resources



Flexible governance



Reputation



Excellence in research



Social Impact



Attract Talent



Quality Teaching



Performance management



Love Yourself

Make an Impact

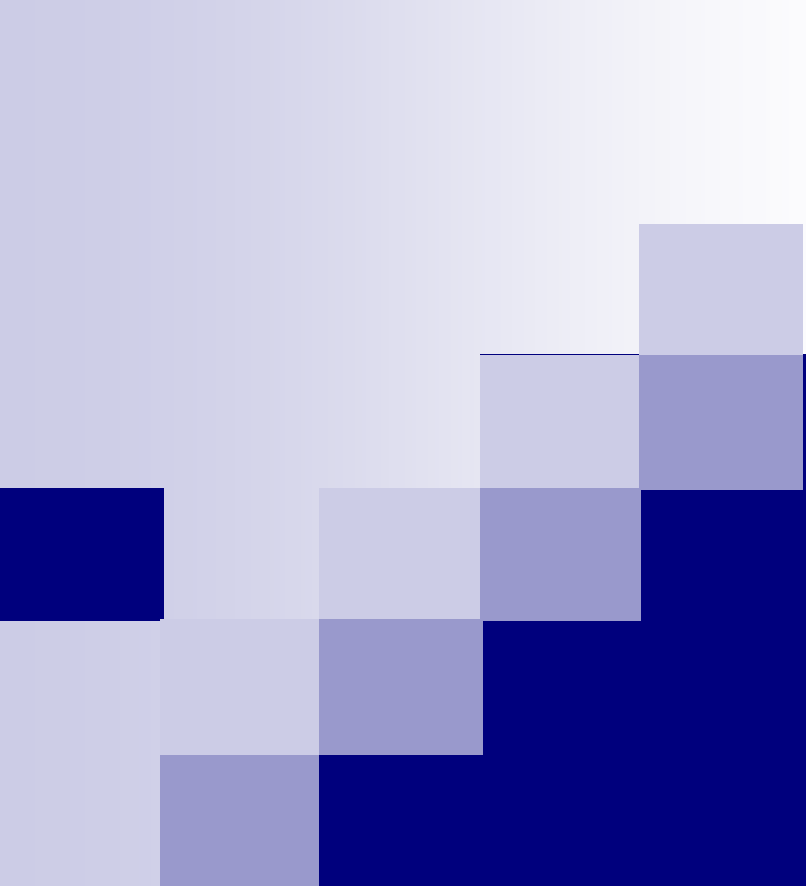
با خود مهربان باشید
از خود نام و نشانی به یادگار گذارید

بماند سال‌ها این نظم و ترتیب
ز ما هر ذره خاک افتاده جایی

غرض نقشی است کن ما بازماند
که هستی را نمی‌بینم بقایی

زندگی صحنه یکتای هنرمندی ماست
هرکسی نغمه خود خواند و از صحنه رود
صحنه پیوسته به جاست ...
خرم آن نغمه که **مردم** بسپارند به یاد

.....



اگر میل داشتید Email بزنید !

kabiri@tums.ac.ir

Good Luck!