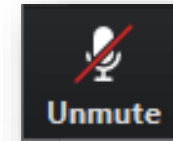
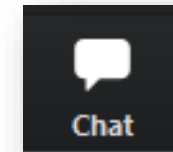


# Zoom tips 😊

1 Please turn your microphone off when you aren't speaking.



2 Please share in chat your name, your Faculty/School, where is home, where are you now?



3 To ask a question, use Chat or turn on your microphone.

*don't be shy*  
**just say hi!**





## **ACKNOWLEDGEMENT OF TRADITIONAL OWNERS**

QUT acknowledges the Turrbal and Yugara, as the First Nations owners of the lands where QUT now stands. We pay respect to their Elders, lores, customs and creation spirits. We recognise that these lands have always been places of teaching, research and learning.

QUT acknowledges the important role Aboriginal and Torres Strait Islander people play within the QUT community.

# AIRS 4

## Advanced Information Research Skills

Queensland University of Technology (QUT). Except where otherwise noted, content in this presentation is licensed under a [Creative Commons Attribution NonCommercial ShareAlike \(CC BY-NC-SA\)](https://creativecommons.org/licenses/by-nc-sa/4.0/) license.

Attribution: Advanced Information Research Skills (AIRS), Library, Queensland University of Technology (QUT)

# Learning outcomes

You will:

1. Know how to evaluate an academic journal.
2. Select citation metric tools to determine the metrics for a journal, article and author
3. Communicate the value of attention metrics and other measures of engagement in digital publishing and the impact of this content.

<https://airs.library.qut.edu.au/assessment/>

# Assessing the quality of a journal may involve looking at the:

- Aims and Scope of Journal
- Editorial board membership
- Peer review process
- Journal indexation – database platform
- Publication frequency
- Reach ( international, across disciplines)
- Supervisor recommendation
- Journal Impact Factor or [Scimago](#) quartile (**based on citation data**)

For Getting Published visit [Which Journal](#)

# Pre-Activity Discussion (10m)

As a Post-Workshop activity in AIRS 3 you were asked to select a journal you would like to publish in. Now justify why you have chosen this journal?

## Journal Homepage – find Aims and Scope



The screenshot shows the Springer logo at the top left. Below it is a horizontal bar with a dark grey background. On the left side of this bar is a small image of the journal cover, which includes the text 'JBE Journal of Business Ethics'. To the right of the cover image, the title 'Journal of Business Ethics' is displayed in a large, serif font. Below the title bar, there are three navigation links: 'Editorial board' with a person icon, 'Aims & scope' with a document icon, and 'Journal updates' with a speech bubble icon. Below these links is a paragraph of text describing the journal's focus on original articles in business ethics.

Springer

JBE Journal of Business Ethics

### Journal of Business Ethics

[Editorial board](#) [Aims & scope](#) [Journal updates](#)

The *Journal of Business Ethics* publishes only original articles from a wide variety of methodological and disciplinary perspectives concerning ethical issues related to business that bring something new or unique to the discourse in their field. From its inception the Journal has aimed to improve the human condition by providing a public forum for discussion and debate about ethical issues related to business. In order to promote a dialogue between the various interested groups as much as possible, papers are presented in a style relatively free of specialist jargon.

# Journal metrics

Journal citation metrics identify highly cited journals in a field.

They are sourced from journal ranking tools and publisher websites.

Journal rank quartiles: Q1 (**green**) - highest values | Q2 (**yellow**) - second highest | Q3 (**orange**) - third highest | Q4 (**red**)- lowest values

## Journal impact factor (JIF)

1. The average citations a document in a journal receives for items published in the past two years.
2. How highly cited the average document in a journal is relative to others in its discipline.
3. Available from Web of Science

## SCImago journal rank (SJR)

1. A ratio of the average number of citations in a year over the number of documents published in the journal in the past three years.
2. The number of citations received by a journal – plus the importance of the journal that citations come from.
3. Available from Scimago



# Journal analysis tools

- [Scimago Journal and Country Rank](#) - journal indicators determined by using information from the Scopus database. Journals are ranked into quartiles.
- [Journal Citation Reports](#) - data for impact factors and quartile ranking per subject for journals indexed in Web of Science

[See Module 11.1. Main Metrics for some specialist resources](#)

# Activity: Journal metrics (10m)

Look for a journal title in each of these databases:

1. [Scimago Journal and Country Rank](#)
2. [Journal Citation Reports](#)

Knowledge check!

# Important information when you submit a manuscript:

1. Cite your QUT affiliation as 'Queensland University of Technology (QUT)'.
2. Cite your [ORCID iD](#) - it will accompany article metadata into citation databases.
3. State why the paper will be of interest to the readers of the journal.

For more on aspects of academic publishing as you need it - [Authorship and publication](#)

# Deceptive publishers

Thesis authors are targeted as a potential source of 'print-ready' texts that can be freely obtained and then sold for profit by the publisher.

Choose the right journal by using:

[Think](#) | [Check](#) | [Submit](#)

It is preferable to retain your copyright!



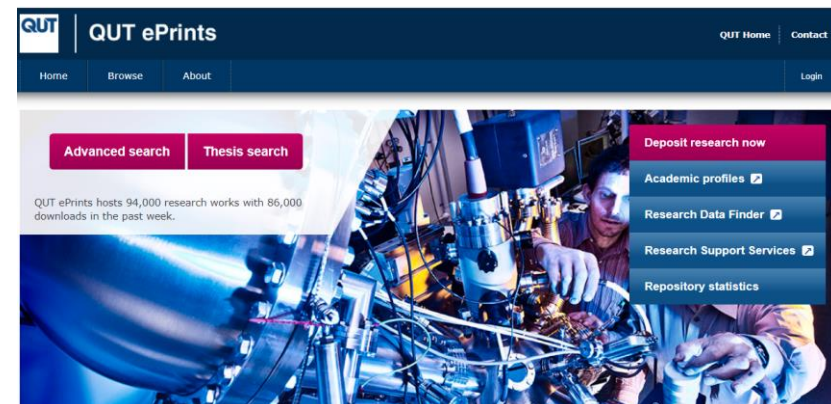
# Repository Based Open Access

Authors:

- publish in **subscription journals** (traditional model) **and**
- provide open access to a manuscript version in an institutional repository (e.g. QUT ePrints).

[QUT ePrints](#) advantages:

- QUT checks publisher permissions for you
- Your publications are archived
- Visibility in Google is raised
- You get an online profile that is embeddable in your webpages



# What are citation-based metrics?

## The measurements:

1. Journal metrics – the quality of the journal
2. Author level metrics - an individual researcher, research group or institution
3. Article level metrics - usage of a scholarly work

## They are used to:

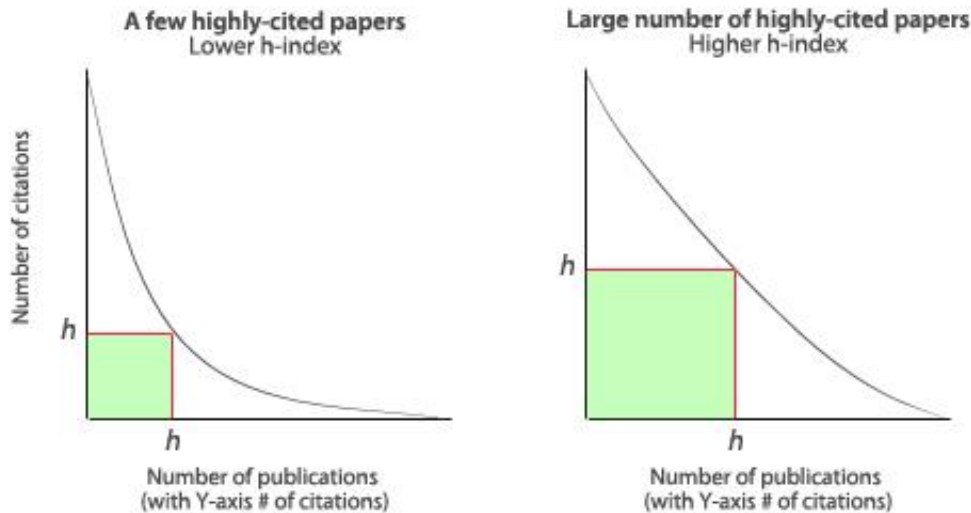
- evaluate a journal's standing in the field
- evaluate researchers, for:
  - promotion and tenure applications
  - grant applications
- evaluate research groups and institutions, for:
  - funding
  - reporting
- evaluate the impact of published articles

# Author Metric: *What is the h-index?*

A measure of the number of highly impactful papers published. The larger the number of cited papers, the higher the h-index.

The *h-index* is defined by how many **h** of a researcher's publications ( $N_p$ ) have at least **h** citations each.

It is an indication of sustained citation impact over time.



	H-Index (Web of Science)
Martin Cohen, Berkeley	94
Philip Anderson, Princeton	91
Edward Witten, Princeton	110
Charles K Kao (Noble Laureate, 2009)	<b>6</b>

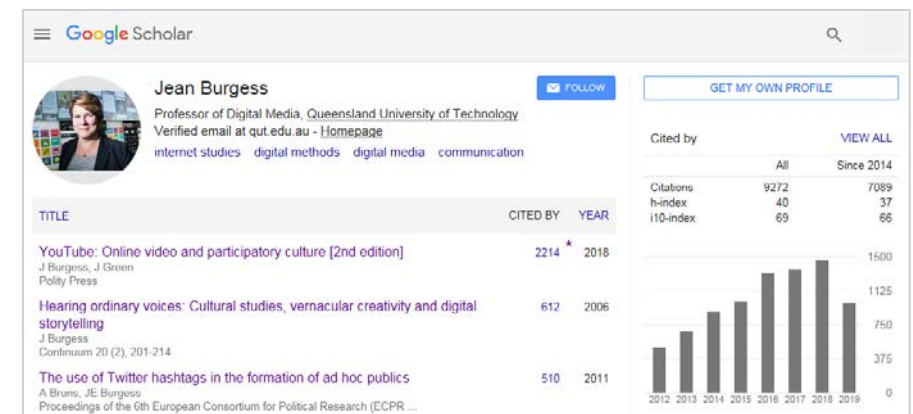
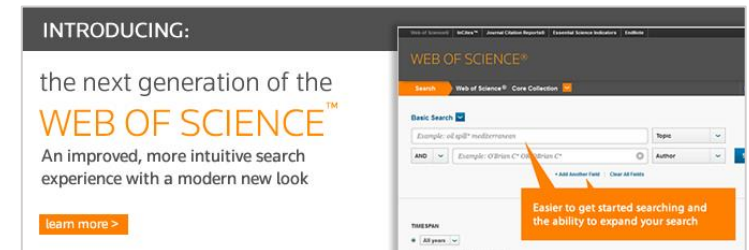
Source: Ball, P. 2005. Index aims for fair ranking of scientists. *Nature*. 436, p. 900

<http://www.benchfly.com/blog/h-index-what-it-is-and-how-to-find-yours/>



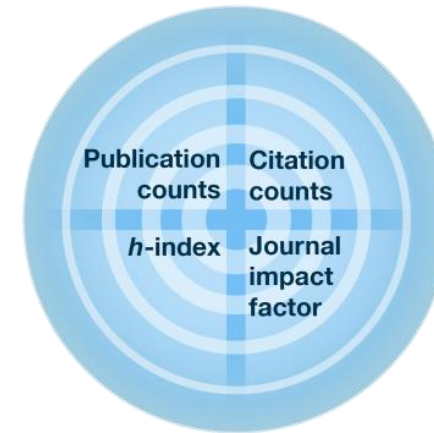
# What are the tools for article, author and journal metrics?

- Web of Science
- Scopus
- Google Scholar Citation Profile

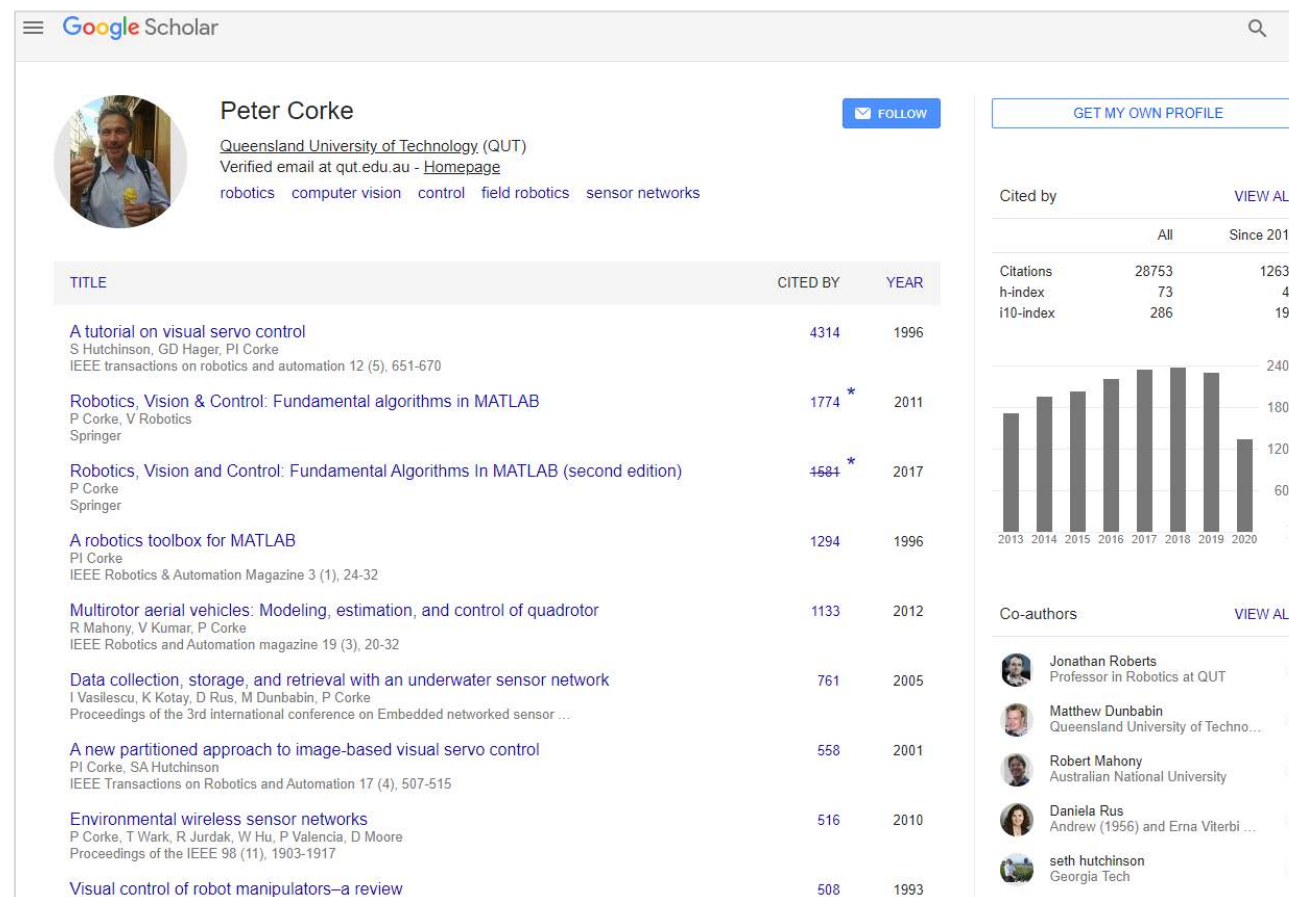


# Activity: Scopus metrics (15m)

1. Search for the number of citations and the *h-index* of an author in [Scopus](#)
2. Find their most cited publication



# Google Scholar Profile



The screenshot shows the Google Scholar profile for Peter Corke. The profile includes a circular profile picture, a 'FOLLOW' button, and a 'GET MY OWN PROFILE' button. Below the profile information is a table of publications with columns for 'TITLE', 'CITED BY', and 'YEAR'. The publications listed include 'A tutorial on visual servo control' (1996), 'Robotics, Vision & Control: Fundamental algorithms in MATLAB' (2011), 'Robotics, Vision and Control: Fundamental Algorithms In MATLAB (second edition)' (2017), 'A robotics toolbox for MATLAB' (1996), 'Multirotor aerial vehicles: Modeling, estimation, and control of quadrotor' (2012), 'Data collection, storage, and retrieval with an underwater sensor network' (2005), 'A new partitioned approach to image-based visual servo control' (2001), 'Environmental wireless sensor networks' (2010), and 'Visual control of robot manipulators—a review' (1993). To the right of the publication list is a 'Cited by' section with a table showing 'All' and 'Since 2015' citations for Citations, h-index, and i10-index. Below this is a bar chart showing the number of citations per year from 2013 to 2020. At the bottom right is a 'Co-authors' section with a list of co-authors and their affiliations.

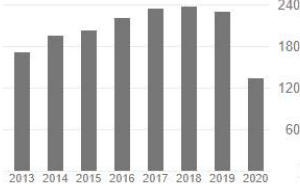
**Peter Corke**  
Queensland University of Technology (QUT)  
Verified email at qut.edu.au - [Homepage](#)  
robotics computer vision control field robotics sensor networks

[FOLLOW](#) [GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
<b>A tutorial on visual servo control</b> S Hutchinson, GD Hager, PI Corke IEEE transactions on robotics and automation 12 (5), 651-670	4314	1996
<b>Robotics, Vision &amp; Control: Fundamental algorithms in MATLAB</b> P Corke, V Robotics Springer	1774 *	2011
<b>Robotics, Vision and Control: Fundamental Algorithms In MATLAB (second edition)</b> P Corke Springer	4684 *	2017
<b>A robotics toolbox for MATLAB</b> PI Corke IEEE Robotics & Automation Magazine 3 (1), 24-32	1294	1996
<b>Multirotor aerial vehicles: Modeling, estimation, and control of quadrotor</b> R Mahony, V Kumar, P Corke IEEE Robotics and Automation magazine 19 (3), 20-32	1133	2012
<b>Data collection, storage, and retrieval with an underwater sensor network</b> I Vasilescu, K Kotay, D Rus, M Dunbabin, P Corke Proceedings of the 3rd international conference on Embedded networked sensor ...	761	2005
<b>A new partitioned approach to image-based visual servo control</b> PI Corke, SA Hutchinson IEEE Transactions on Robotics and Automation 17 (4), 507-515	558	2001
<b>Environmental wireless sensor networks</b> P Corke, T Wark, R Jurdak, W Hu, P Valencia, D Moore Proceedings of the IEEE 98 (11), 1903-1917	516	2010
<b>Visual control of robot manipulators—a review</b> PI Corke	508	1993

**Cited by** [VIEW ALL](#)

	All	Since 2015
Citations	28753	12638
h-index	73	49
i10-index	286	195



2013 2014 2015 2016 2017 2018 2019 2020

**Co-authors** [VIEW ALL](#)

- Jonathan Roberts**  
Professor in Robotics at QUT
- Matthew Dunbabin**  
Queensland University of Techno...
- Robert Mahony**  
Australian National University
- Daniela Rus**  
Andrew (1956) and Erna Viterbi ...
- seth hutchinson**  
Georgia Tech

[Google Scholar – Tip Sheet](#)

# Other indicators such as Attention Metrics

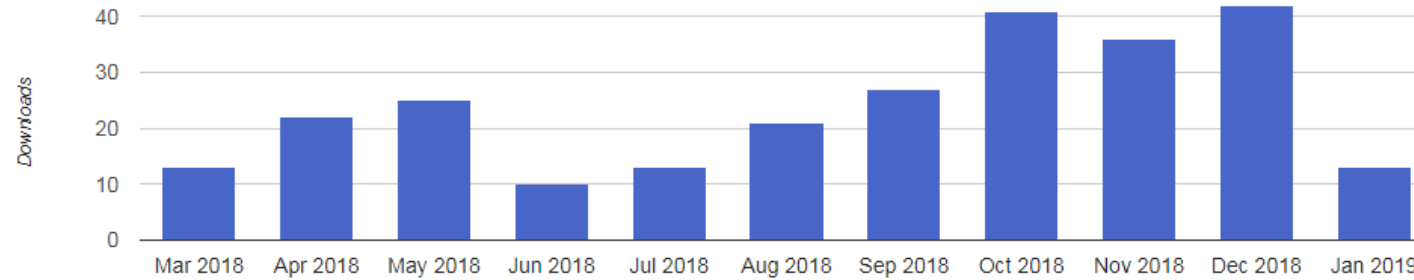
- Attention metrics e.g. downloads, reads, shares, comments relevant to providing evidence of wider engagement and community interest
- Used to establish a link between research and real world impact
- Used to establish the contribution of research to public discourse and solving the big challenges to society, culture, climate, food security etc.

<https://libguides.library.qut.edu.au/databases/altmetricexplorer>

**altmetrics**

## Statistics Overview

Approaches and methods for the study of social media in political communication



### Key Figures

Details

Deposited **15 March 2018**

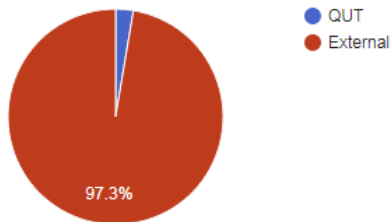
Total Usage

**263 Downloads** ?

**4 Referrals to Published Version** ?

Last 28 Days

**15 Downloads**



United States of America	40
Australia	32
United Kingdom of Great Britain and Northern Ireland	15
India	14
Indonesia	12

Knowledge check!

# Factors to consider when you devise your own publication strategy

- **Readership** - who will be your audience?
- **Your supervisor**, research team or mentor's publishing focus (future co-author) and recommendations
- **Visibility** - which journal/s will increase citations?
- **Funding opportunities** - grants, scholarship requirements
- **Time** - do you have time constraints?
- **Publishing opportunity** - how frequently does the journal publish?
- **University guidelines** – are there requirements, incentives?
- **Marketing plan** – what is your career trajectory?

[HiQ >Research students >Doing your research >Publishing your research > Getting published](#)

# Further learning and help

## Resources

- [AIRS resources](#)
- [Library workshops](#)
- [Endnote training](#)
- [GRE+D training \(includes e-Grad School\)](#)
- [Library research support resources](#)
- [Liaison Librarians](#)
- [Student Gateway: Research](#)
- Your faculty's research support and training
- [Research Students Community QUT](#)
- [Graduate Research Student Online Network](#)
- [HDR Skills Assessment tool](#)



# Further Learning

