

A decorative vertical strip on the left side of the slide, featuring a complex geometric pattern of overlapping triangles and lines in shades of green, yellow, red, and blue.

Carnegie Mellon University
Libraries

Comparing Business Faculty Research Output for RPT Processes: A Use-Case for SciVal's Benchmarking Module

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Project Overview

Goal: Publication and citation benchmarking analysis

Task: Gather publication and citation data of business school faculty and their peers for RPT cases

Players: Tepper Sr. Assoc. Dean for Faculty & Research and myself

Resource: SciVal (Benchmarking module)



Process

- List of Tepper Faculty
- List of Faculty Peers (average of 6-12)
- Identify in SciVal - add to “Researchers and Groups”
 - Verify faculty
- Data:
 - Scholarly Output per year
 - Citation Count for time period



Fields and Metrics

Researchers and Groups

- Search for researcher
- Select & validate researcher and pubs
- Save researcher

Define a new Researcher

1. Search
2. Select
3. Validate publications (optional)
4. Save Researcher

Select author name variant(s) that refer to the Researcher 1 result

Author	Publications	Subject Area	Affiliation	
<input checked="" type="checkbox"/> Splenda, Ryan	2	Business, Management and Accounting, Social Sciences	Carnegie Mellon University	United States

[Hide recent publications](#)

PROTOCOL: Does executive compensation predict publicly traded firms' financial performance or inaccurate financial reporting?
Campbell Systematic Reviews (2019, [Scopus](#) ↗)

Venturing forth: Venture capital and private equity information in academic business libraries
Journal of Business and Finance Librarianship (2017, [Scopus](#) ↗)

< Previous step
Validate publications (optional) >
Directly go to Save Researcher >

Fields and Metrics

Scholarly Output

- All publication types
- Articles only

Collaboration	▼
Published	▲
Scholarly Output	>
Subject Area Count	
Scopus Source Title Count	
h-indices	
Viewed	▼
Cited	▼
Economic Impact	▼
Societal Impact	▼
Topic Indicators	▼
Awarded Grants	▼

Scholarly Output

The number of publications of a selected entity.
[Learn more about this metric](#)

Include:

- ☒ All publication types
- ☐ Articles only
- ☐ Articles and conference papers
- ☐ Articles and reviews
- ☐ Articles, reviews and conference papers
- ☐ Articles, reviews, conference papers,

[Choose metric >](#)

Fields and Metrics

Citation Count

- All publication types
- Articles only

Collaboration ✓

Published ✓

Viewed ✓

Cited ^

Citation Count >

Field-Weighted Citation Impact

Outputs in Top Citation Percentiles

Publications in Journal Quartiles

Publications in Top Journal Percentiles

Citations per Publication

Cited Publications

Citation Count ⚙️

Total citations received by publications of the selected entities.
[Learn more about this metric ↗](#)

☒ Include self-citations ⓘ

Include:

☒ All publication types

☐ Articles only

☐ Articles and conference papers

☐ Articles and reviews

☐ Articles, reviews and conference papers

Choose metric >

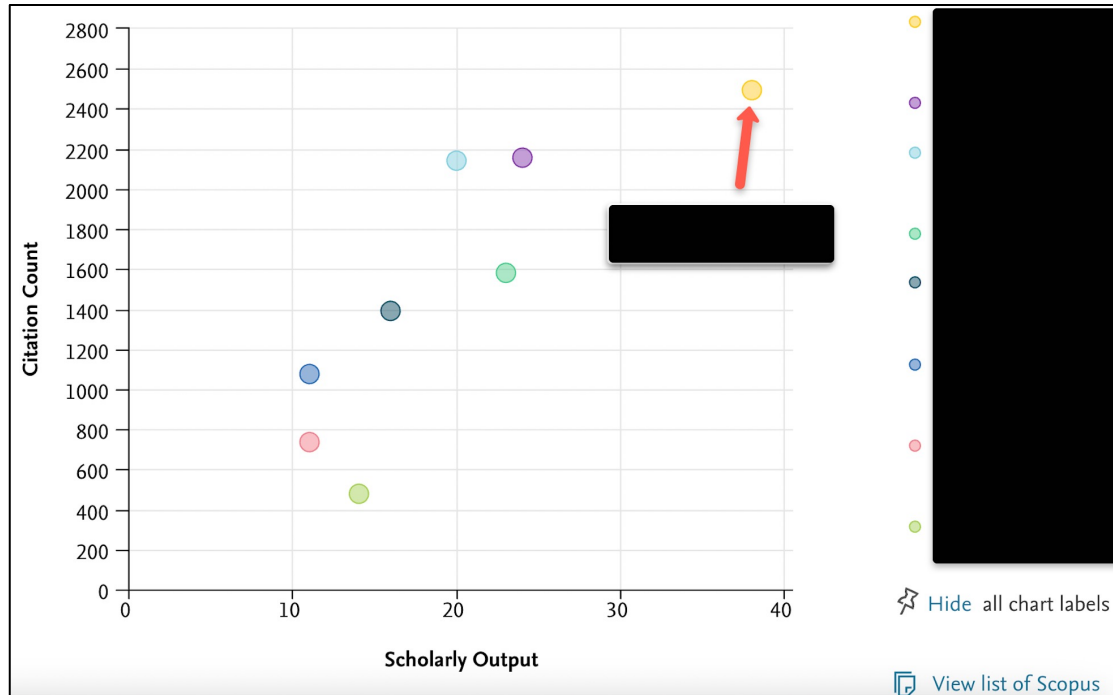
Outputs for Analysis

1. Excel Spreadsheet of Scholarly Output & Total Citations

Data set	Citation Count vs Scholarly Output		
Entities	REDACTED		
Year range	2003 to 2021		
Subject classification	ASJC		
Filtered by	All subject areas		
Data source	Scopus		
Date last updated	29 September 2021		
Date exported	11 October 2021		
Metric name	Self-citations	Types of publications included	Other options
Citation Count	included	All publication types	-
Scholarly Output	-	All publication types	-
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Entity	Scopus author id	Citation Count	Scholarly Output
REDACTED	REDACTED	3323	45
REDACTED	REDACTED	2493	38
REDACTED	REDACTED	2156	24
REDACTED	REDACTED	2141	20
REDACTED	REDACTED	1581	23
REDACTED	REDACTED	1391	16
REDACTED	REDACTED	1283	30
REDACTED	REDACTED	1181	21
REDACTED	REDACTED	1076	11
REDACTED	REDACTED	736	11
REDACTED	REDACTED	478	14
REDACTED	REDACTED	354	14

Outputs for Analysis

1. Chart of Scholarly Output and Total Citations



Scopus Data Remedies

- Mistake in metadata – author's name misspelled.
- Article not attributed to correct Scopus Author ID.
- “Report a Problem” and quickly fixed!



Image credit: James, W. (June 8, 2015). "How to make the correct mistake." Blog.
<https://williamjamespercussion.com/2015/06/08/how-to-make-the-correct-mistake/>

Role for Liaison Librarians

- Assist Deans & admin with the RPT process
- Position librarian/library as a key partner
- Form stronger collaborative relationships

