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Is our Collection Enough or Underutilized? A Citation Analysis of Master's Theses in the Field of Education

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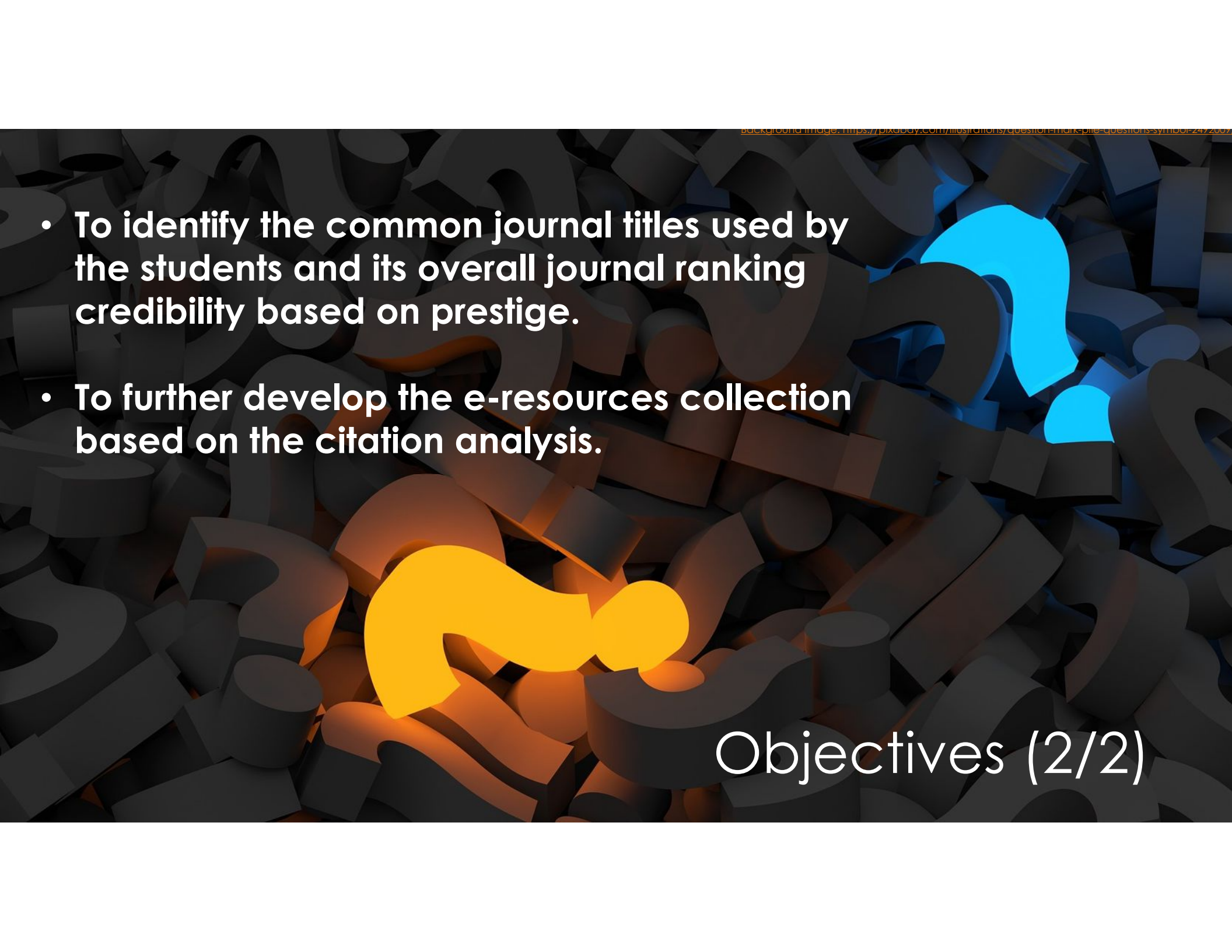
Introduction

- Who's in-charge of the theses collection?
- As a librarian, do you scan the reference list of their thesis? Do students consult you during thesis writing?
- Do you check if they cite items found in your collection (ie book holdings, e-journals, thesis, etc.)?



Objectives (1/2)

- To categorize the types of sources graduate students use in their thesis.
- To compare the actual count of e-journal titles available in our collection versus the number of e-journal titles used in the reference list.

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- background image: <https://pixabay.com/illustrations/question-mark-blue-questions-symbol-2472007/>
- To identify the common journal titles used by the students and its overall journal ranking credibility based on prestige.
 - To further develop the e-resources collection based on the citation analysis.

Objectives (2/2)



Citation Analysis

- Basis for collection development and retain journals that are important in a specific field of research (Beile, Boote, & Killingsworth, 2003).
- Gaining some expertise in the field, authors and journals cited in a research gives them prestige.
- A bibliometric technique in which works cited in publications are examined to determine patterns of scholarly communication, for example, the comparative importance of books versus journals, or of current versus retrospective sources, in one or more academic disciplines (Reitz, 2014) .

COLLECTION STATISTICS



NAZARBAYEV
UNIVERSITY
LIBRARY

163460
Print Books



360
Master's Theses



23
Print
Periodicals



3295
Research
Outputs (NUR)



3044
AV/CD ROM



107
Online Databases



7195
Microfiche



25 017
E-Journals



27154
E-Books



65
LibGuides



2
Citation
Databases



62
Maps



RESOURCES & ACTIVITY UTILIZATION

Average number of

Borrowed per day - 152

Downloaded journal articles per day - 2198

NUR views per day - 10

Libguide views per day - 25

Attendees per library session - 14

ILL requests/delivered per day - 4

LibAnswers transactions per day - 27

MOST USED

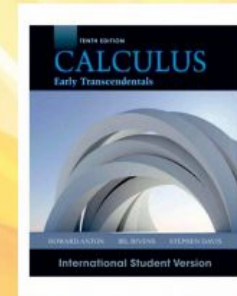
Most Borrowed
Game
Activity



Most Used
Database
Science Direct



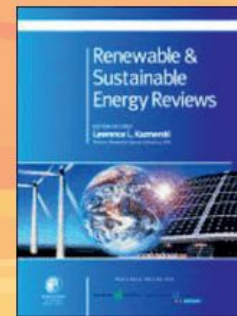
Most Borrowed
Print Book
Calculus



Most Borrowed
Media File
Carlos



Most Accessed Journal
Renewable and
Sustainable Energy Reviews



Author	Discipline	Main Findings
Brush (2015)	engineering master's theses	number of unique journal titles cited and the journals that the university subscribe to
Timms (2018)	marine biology master's theses	evidence of how the library collection is being used by the graduate students
Aliyu (2018)	doctoral theses in education	Textbooks and monographs were cited more than journal articles

Quick Facts

- ✓ Established in 2012
- ✓ More than 300 alumni
- ✓ 56 e-theses submitted
- ✓ 20 e-theses in 2019

Methodology

Thesis	Number of Journals	SIR	Quartile	SIR	Quartile	Rankings	Quartile	Rankings	Quartile	Rankings	Quartile	Rankings	Quartile	Rankings	Quartile	
1	22			31		40		22		46		33				
2	Anthropologist		Asia Pacific Journal of Education	0.637	Q2	Alatoo Academic Studies				Asia Pacific Education Review				Australian Educational Leader		
3	Compare: A Journal of Comparative International Education	0.118	Q6	Asian EFL Journal	0.14	Q3	British Journal of Arts and Social Science			Comparative Political Studies	0.15	Q3	0.37	Q2	Basic Issues in EFL Teaching and Learning	
4	Education		British Journal of Educational Studies	0.644	Q1	British Journal of Sociology of Education				Current Issues in Education	4.86	Q1	0.64	Q2	Contemporary Management Quarterly/Deep Idiosyncratic Zetadrame	
5	Education and humanism		Convergence	0.708	Q1	Current Issues in Education	1.47	Q1	English Language Teaching	0.13	Q4	0.13	Q4	Cambridge Journal of Education	1.56	Q1
6	Educational action research	0.497	Q2	Critical Inquiry in Language Studies	0.914	Q1	Current Issues in Language Planning - 2	0.75	Q1	English and Racial Studies	0.15	Q2	1.03	0.92	Q1	Educational Administration Quarterly
7	Educational Management Administration and Leadership	1.372	Q1	Critical Intersections in Education: An OISE/UT Student's Journal	OA		Educational Research for Policy and Practice	0.29	Q2	International Journal of Bilingual Education and Bilingualism	1.2	Q1	0.4	Q2	European Journal of Education	
8	Educational Research for policy and practice	0.287	Q2	ELT Journal	1.02	Q1	Educational Sciences: Theory & Practice	0.21	Q3	International Journal of Research & Methods in Education	0.46	Q2	1.69	Q1	European Journal of Special Needs Education	
9	Educational research international		Journal of Language, Identity & Education	0.822	Q1	European Education	0.23	Q3	Journal of Education, Health & Education - 2	0.82	Q1	0.29	Q2	Focus on Research: Connecting research and practice		
10			Journal of International Education	1.15	Q1	European Education			Journal of International Education					Educational Evaluation & Research	Gifted child	

- Citation analysis was used to measure which materials are currently available in the library.
- A sample of 10 theses (50%) was analyzed in this study.

Results

References

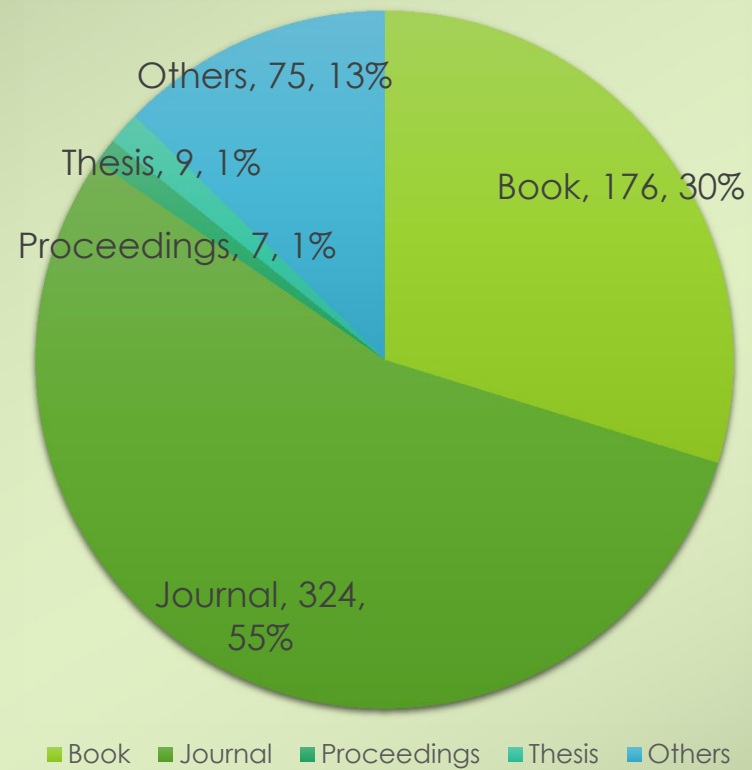


Table shows the number of references found in each thesis

Thesis Number	Number of References Used
1	55
2	55
3	76
4	56
5	62
6	54
7	45
8	55
9	64
10	68
Total	590

Journal Title	Number of Student Thesis Where the Journal Appeared	Total Number of Citations
Asia Pacific Education Review	4	4
Asia Pacific Journal of Education	2	2
Current Issues in Education	2	2
Education	2	2
Educational Administration Quarterly	3	3
Educational Policy	2	2
Educational Research for Policy and Practice	3	3
Educational Sciences: Theory and Practice	2	2
Gifted Child Quarterly	2	14
Higher Education	2	3
International Journal of Bilingual Education and Bilingualism	2	3
Journal of Advanced Academics	2	4
Journal of Educational Change	2	4
Journal of Language, Identity & Education	2	3
Journal of Multilingual and Multicultural Development	3	7
Language Teaching	2	3
Oxford Review of Education	2	3
Phi Delta Kappan	3	3
Procedia – Social and Behavioral Sciences	4	6
Qualitative Research Journal	2	2
RELC Journal	2	3
Remedial and Special Education	2	2
Research Papers in Education	2	2
Review of Educational Research	2	3
Studies in Educational Evaluation	2	2
Studies in Higher Education	2	2
System	3	4
Teaching and Teacher Education	3	11
Theory into Practice	2	2

Title	Publisher	SJR Quartile
Asia Pacific Education Review	Springer	Q2
Educational Research for policy and practice	Springer	Q2
Higher Education Studies	Carfax Publishing	Q1
International Journal of Educational Advancement	Palgrave Macmillan	Not yet assigned
Tertiary Education and Management	Taylor & Francis	Q3

SJR Quartile Distribution of Journal Titles Used in Theses

Thesis Number	Q1	Q2	Q3	Q4
1	4	5	1	1
2	14	4	1	6
3	13	6	3	1
4	6	5	2	4
5	17	7	1	2
6	8	10	1	1
7	4	7	1	4
8	7	8	4	2
9	2	11	3	1
10	9	3	2	1

Conclusions

Citation analysis will provide us evidence-based record that our journal subscriptions are being used and accessed by our patrons.

It is apparent that master's students from the graduate school of education cite more journal articles than books. At least 50% of the students get their references from Q1-ranked journals based from the SJR ranking.

Conclusions

The NU Library has a promising and huge collection of e-journal titles as it has almost 80% of the titles available in the library subscription. The sample revealed that the library is capable of providing a good quality of journal collection that can be used by the students and faculty members as well. We can proudly say that our collection is above the average.

Q&A

Are there any questions?

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THANK YOU FOR LISTENING



SCAN ME

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