

Citation Analysis of the Journals Cited in the Review of Related Literature and Studies

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ABSTRACT

One of the parameters used in evaluating quality research outputs is the kind of journals in which it is published and from what databases they are indexed. This preliminary study assesses the scholarly quality of research outputs by examining the journals cited in the Review of Related Literature and Studies of undergraduate theses from the College of Education at Mindanao State University-Main Campus in 2015. The evaluation focuses on whether these journals are indexed in the SCImago Journal and Country Rank (SJR), a reputable database within Scopus, renowned for its extensive peer-reviewed literature (Singh et al., 2011). Utilizing a citation analysis approach, the researchers manually compiled the journals, checked if they were cited in the 55 theses that were analyzed, and cross-referenced them with the SJR-indexed titles downloaded from Scopus. Results revealed that 59 out of the total 179 journal titles cited by the researchers during the 1st semester of AY 2017-2018 were SJR-indexed. Researchers who majored in Mathematics cited 102 highly cited journals compared to other majors from the college. Eleven out of the 55 undergraduate theses cited the Journal of Educational Psychology which is ranked eighth in the SCImago Journal and Country Rank (SJR) in 2016. The Journal of Research in Science Teaching which is ranked first in the SCImago Journal and Country Rank (SJR) in 2016 was mentioned four times. Lastly, 41 out of the 55 theses had Journal citations found in the list of 914 Journals in SCImago Journal and Country Rank (SJR) from 1996-2016.

Keywords: Citation, Journal, Database, SCImago Journal and Country Rank, Review of Related Literature and Studies

I. INTRODUCTION

Citation analysis is an approach that may be uncommon and unexplored to some extent. This approach plays a vital role in the outcome of the paper. Researchers rely more on the internet and other online databases to supplement the information they need in the process of writing their manuscripts. Unknowingly, others prefer to use unreliable online information supplemented by search engines like Google. Further, one of the research gaps in much research has focused on bibliometrics (Zurita, Merigo, and Ossandon, 2008), and specific disciplines were also accomplished using bibliometric analysis Mishra, Gawde, and Solanki (2014) for English; Zeigler (2009) for Renewable Energy; and Piotrowski (2015) for research on social media in education. None of these had focused on citation analysis, particularly in the Review of Related Literature and Studies. It is in this context that this study was conducted to examine whether the journals

cited in the undergraduate theses were included on the list of SCImago Journal and Country Rank (SJR) containing 914 journal titles. Analysis of cited journals in Chapter 2 of such theses was the primary focus of this study.

Building on the previous discussion, the study aims to identify whether the theses submitted at the College of Education of Mindanao State University - Marawi in 2015 could be considered credible grounded on the five different ways of using citation (i.e. according to its subject, as a measure of diffusion, as a measure of influence, measures quality and the recognition and utilization of the work) as claimed by Cole and Cole (1973, as cited by Leydesdorff et al., 2015). Therefore, the researchers of this study used citations to measure the quality of the undergraduate theses. Waugh (2014) also suggested that there are four major uses of citation analysis pertinent to collection evaluation—these are identifying the core collection, using citations as a checklist, ranking journals, and analyzing the discipline vs structure to assist collection development decision-making.

This study makes use of citation analysis as the best-known method within the field of bibliometrics, as the formal study of scholarly communication according to Borgman (2002). Citation analysis gives a clear impact by analyzing and evaluating the bibliographic data of the journal articles in the reference

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section of the thesis according to Kushkowsi et al. (2003). Analysis of journals can be done using different methods such as by determining the subject, format, age, and mode of access of materials used. Consequently, as stated in Rethlefsen (2007), citation analysis has been a useful tool for studying a lot of aspects of the social structure of science claiming the fact that citation analysis can act as a tool for “selecting and deselecting” materials through the given insights of the researchers. This can tell the weaknesses of the source materials since it clarifies the information needed by the researchers.

Furthermore, citation analysis of journals is widely used in the field of applied and social sciences to see the prevalence of various source materials. In biology, researchers cited journals from approximately 75% to 94%. Chemistry researchers cited journals at 79%. Researchers in geoscience and its subfields have cited articles from 64% to 83%. This also reveals that science researchers rely more on journal articles than books (Kimball, et al., 2013) but this rate changed over time. This present study may show additional evidence on the citation analysis of journals of the undergraduate theses claiming that journals are one of the most commonly used research tools affirmed by Fasae (2012) and frequently mentioned in Chapter 2 of the research paper. According to the document type, 79% of citations are articles in scientific journals, 12% are monographs, and 2% are theses or academic dissertations.

Therefore, analysis of journals was examined for future researchers to be attentive to the journals that are indexed in quality web sources. The findings of this present study are deemed to help libraries subscribe to the most frequently cited journals through the online databases to be utilized by the students. This would also enlighten future researchers about the present and forthcoming information needed as the study reveals its findings.

II. METHODS AND MATERIALS

This study employed a citation analysis approach. It is a systematic, quantitative study of works cited. It is part of the broader field of bibliometrics, the application of mathematical and statistical methods in the use of documents and publication patterns (Moed, 2012). It is a method that examines the different frequencies, patterns, and graphs of citations given in articles, review papers, technical communication, theses, and books. Citations are used in scholarly

works to establish links to other works and researchers, which forms a part of primary scientific communication in geographical proximity (Binwal, Chandel, & Saraf, 1990 as cited by Singh et al., 2011). Citation analysis is a common research tool that allows libraries to assess their collection development efforts over time in support of specific disciplines (Kimball et al., 2013).

The 55 undergraduate theses submitted to the College of Education Library in 2015 comprise the main corpus of this study. The citation analysis was focused on the Journals that were cited in Chapter 2: Review of Related Literature and Studies. It is known that Chapter 2 requires many sources such as periodicals, books, journals, published theses and dissertations, and other source materials.

The analysis was done utilizing the list of Journals found in SCImago Journal and Country Rank (SJR). It is a portal that includes the journals and country scientific indicators developed from the information contained in the Scopus database launched by Elsevier B.V (1996). These indicators can be used to assess and analyze scientific domains. This platform takes its name from the SCImago Journal Rank (SJR) indicator, developed by SCImago from the widely known algorithm Google page rank. This indicator shows the visibility of the journals contained in the Scopus database from 1996 (SCImago Journal Rank, n.d.).

Thereupon, studies showed that Scopus (SCO) indexes more journals approximately 15,000 than Web of Science (WOS) of approximately 9,300 journals. Moreover, Scopus covers a broader journal range which is limited to recent articles compared to WOS (Vieira and Gomes, 2009). Another capability of Scopus is a journal analyzer that allows users to evaluate journals based on the number of citations (Chadegani, et al., 2013).

Furthermore, the data were obtained during the 1st semester of AY 2017-2018 at the College of Education Library upon the permission and approval of the librarian and their research adviser. A manual listing of journals cited found in Chapter 2 was carried out. With the help of the e-librarian head in the university, the list of 914 journals listed in the SCImago Journal and Country Rank (SJR) were downloaded. Thereupon, the researchers checked whether the journals were on the list of SCImago Journal and Country Rank (SJR) from 1996-2016. Results of the study were proposed to the university and the college library to be subscribed to and be readily available for future researchers to utilize as their references.

III. RESULTS AND DISCUSSION

Table 1 - The 55 Theses Submitted to the College of Education 2015, the Researchers' Major, and the Number of Cited Journals in Chapter 2

Undergraduate Thesis Titles	Major	Number of cited Journals in Chapter 2
1. Determinants of Mathematics achievement of the Senior High School students of MSU-UTC	Mathematics	21
2. Facebook use, procrastination, and parental nurturance as they relate to the academic performance of high school students	Technology & Livelihood Education	19
3. Students' attitude towards the use of manipulative in teaching Mathematics among Grade 7-B students of Masiu Community High School	Mathematics	17
4. Students' Chemistry attitude and experiences in General Chemistry: An assessment in MSU-Main Campus	Chemistry	17
5. Mathematics anxiety level and self-efficacy beliefs among Fourth-year High School students of AKIC-SLS	Mathematics	17
6. Oral communication apprehension of English 3 Meranao students in Mindanao State University-Marawi City	English and General Education	17
7. Learning style preference of General Education students and its relationship to attitude and performance towards Science	Biology	14
8. The use of 3D graphic simulation in teaching cellular reproduction and genetics	Biology	14
9. Children's emotion knowledge and their emotion socialization practices in MSU-ILS	ECED	13
10. Classroom assessment and grading practices of secondary teachers in Lanao del Norte	Chemistry	13
11. Food intake and level of nutritional status of selected MSU College students at PLH-Dormitory	Technology & Livelihood Education and Biology	13
12. Early marriage and divorce among Meranao women	History	12
13. Performance in the critical thinking test of the selected students in the College of Education	Chemistry and English	12
14. Conception of forgiveness among Meranao adolescents	History	11
15. Performance and retention of Biology concepts among Grade 7 students using graphic organizer	Biology	10
16. Experiences of relationship with stepmothers among Meranao stepchildren	History	9

Table 1 (Continued)

Undergraduate Thesis Titles	Major	Number of cited Journals in Chapter 2
17. Parenting styles and the English performance of Fourth-year High School students of MSU-UTC	English	9
18. Beliefs about reading and metacognitive reading strategies among college students of MSU	English	8
19. The use of collaborative teaching in secondary high school Algebra: Its influence on students' performance	Mathematics	7
20. Gender differences in working memory, attention control, response inhibition of preschool children in MPLC	ECED	7
21. Applying Think-Pair-Share Method in teaching Mathematics among Grade 4 Pupils in Marawi Central Pilot School	General Education	7
22. The use of collaborative teaching in secondary high school Algebra: Its influence on students' performance	Mathematics	7
23. Health-promoting behaviors and body mass index measurements of faculty and staff of selected colleges of MSU-Marawi City	Technology & Livelihood Education	7
24. CED students' conceptions of Mathematics in everyday life	Mathematics	7
25. Academic and social experiences of selected MSU college students	English	7
26. Perceived factors affecting the reading ability of selected third-year private high school students in Marawi City	English	7
27. Multiple intelligences and spiritual sensitivity among junior and senior high school students	English	7
28. CED students' conceptions of Mathematics in everyday life	Mathematics	7
29. The use of Collaborative Teaching in secondary high school Algebra: Its influence on students' performance	Mathematics	7
30. The use of Understanding Design in teaching earthquake among Grade 8 students in Marawi City National High School	Biology	6
31. The study process approaches among practice teachers in the College of Education	Chemistry and Biology	6
32. Lexical inferencing strategy on vocabulary acquisition and reading comprehension among senior students of MSU-MASIU 2014-2015	English	6
33. Perception on teaching styles and the use of learning strategies among Junior High School students	Mathematics	6
34. Attitudes related to Social Studies subject among Grade 9 students of MSU-ILS	History	5

Table 1 (Continued)

Undergraduate Thesis Titles	Major	Number of cited Journals in Chapter 2
35. Truancy among College of Education students	General Education	5
36. Teachers' knowledge and use of Differentiated Instruction in Marawi Central Elementary Pilot School	General Education	5
37. Diagnosing student misconceptions in photosynthesis and respiration using Drawing Method and Interview	Biology	5
38. The performance of Junior High School students in the DepEd MTAP Metro Bank Math Challenge	Mathematics	5
39. Rido and its effects to the academics of selected Meranao students in MSU College of education	History	5
40. The affective state of MSU-ILS students towards code-switching	English	5
41. Attitudes related to Social Studies subject among Grade 9 students of MSU-ILS	History	5
42. Reading comprehension on mathematical word problems	English	4
43. The performance of fourth-year students in reading comprehension using Cloze Test	English	4
44. Teachers' behavior as perceived by the Grade 6 pupils at MSU-ILS 2014-2015	General Education	4
45. Exploring the fashion behavior of the college students of Al-Khwarizmi International College	Technology & Livelihood Education	3
46. Assessment practices used by private and public secondary school Mathematics teachers in assessing English language learners	English & Mathematics	2
47. Peer error analysis on the final demonstration of the Ed 197-B English major students of MSU-College of Education	English	2
48. Students motivation in taking up Bachelor of Secondary Education major in Science courses at MSU-Main Campus	Biology	2
49. Teachers' perception on classroom assessment and their teaching practices in Mathematics	Mathematics	1
50. The English oral skills of the Meranao English 7 students: A confirmatory study	English	1
51. Polygyny from the perspectives of the first wives in a Meranao society	History	1
52. Meranao folk healing practices in selected areas of Marawi City	History	1
53. Factors affecting the difficulties in thesis writing as perceived by the undergraduate students of the College of Education	English	1

Table 1 (Continued)

Undergraduate Thesis Titles	Major	Number of cited Journals in Chapter 2
54. Participation and experiences of Pantawid Pamilyang Pilipino Program (4P's) beneficiaries in Marawi City	History	0
55. Difficulties in English grammar as perceived by the 4th-year High School students of MSU-UTC Experimental Campus	English	0
Total cited Journals		413

Data obtained shows that the majority or 17 out of the 55 theses belonged to the BSEd English program of the college. However, looking at the numbers, undergraduate theses centered on studying Mathematics cited 102 journals in Chapter 2. According to Kushkowsky, et al (2003), citation analyses differ from each subject area, for example, Natural Sciences and Mathematics cite more journals than social sciences. Table 1 also shows that there are theses which contained no citations from reputable journals. Ramos, et al. (2007, pp. 86-108) explained that "it is not fair to say that papers with zero citation of journals are not useful or reliable at all." Thus, theses that had no citation may imply that they cited more other source types like theses and dissertations, periodicals, magazines, and other references which can also be considered reliable. Another inference also is that some researchers of the College of Education did not include the journal titles on their bibliography page which shows a lack of citation. Lastly, some researchers cite many authors in Chapter 2, but these could not be found in the bibliography.

Table 2 - Rankings of Journals Cited based on Counts

Journals Cited in Chapter 2	Total number of Citations	Rank based on counts
1. Journal of Educational Psychology	11	1
2. Mathematics Education Research Journal	6	2
3. TESOL Quarterly	5	3
4. Learning and Individual Differences	5	3
5. International Journal of Humanities and Social Science	5	3
6. Science Education	5	3
7. The Turkish Online Journal of Educational Technology	4	4
8. Journal Science Educational Technology	4	4
9. Educational Psychology Review	4	4
10. Language Learning	4	4
11. International Journal of Science Education	4	4
12. Journal of Research in Science Teaching	4	4

Table 2 (Continued)

Journals Cited in Chapter 2	Total number of Citations	Rank based on counts
13. Educational Leadership	3	5
14. Psychological Bulletin	3	5
15. Modern Language Journal	3	5
16. American Biology Teacher	3	5
17. Child Development	3	5
18. Human Communication Research	3	5
19. American Journal on Educational Research	3	5
20. Journal of Educational and Social Research	3	5
21. International Journal of Educational Research	3	5
22. The Reading Teacher	3	5
23. Journal of Nutrition Education and Behavior	3	5
24. Journal of Nutrition	2	6
25. Teacher and Teaching Education	2	6
26. Journal of American College Health	2	6
27. The Elementary School Journal	2	6
28. Computers and Education	2	6
29. The American Psychological Association	2	6
30. International Journal of English Education	2	6
31. International Journal of Scientific and Research Publications	2	6
32. European Journal of Social Sciences	2	6
33. Journal of Undergraduate Research	2	6
34. Journal of Science Education and Technology	2	6
35. Australian Journal of Teacher Education	2	6
36. Journal of Experimental Education	2	6
37. Journal of Education and Research	2	6
38. Theory Into Practice	2	6
39. Education and Science	2	6
40. Science Teacher Journal	2	6
41. Journal of Higher education	2	6
42. Journal of Educational Research	2	6
43. Journal of Research and Practice	1	7
44. Exceptionality	1	7
45. EDUCAUSE Review	1	7
46. Journal of Management and Business Research	1	7
47. Information, Communication and Society	1	7
48. Educational Measurement: Issues and Practice	1	7
49. Journal of Mathematical Behavior	1	7
50. Educational Evaluation and Policy Analysis	1	7
51. Harvard Educational Review	1	7
52. Australian Council for Educational Research	1	7
53. Jurnal E-Bangi	1	7
54. International Online Journal of Educational Sciences	1	7
55. Journal of Academic Research in Business and Social Sciences	1	7
56. Journal of Learning Disabilities	1	7
57. Contemporary Educational Technology	1	7
58. Malaysian Journal of Educational Technology	1	7
59. Hammill Institute on Disabilities	1	7
60. Eurasia Journal of Mathematics, Science, and Technology Education	1	7

Table 2 (Continued)

Journals Cited in Chapter 2	Total number of Citations	Rank based on counts
61. International Journal of Educational Studies	1	7
62. Communication Research Reports	1	7
63. Higher Education Quarterly	1	7
64. RELC Journal	1	7
65. Studies in Second Language Acquisition	1	7
66. An Interdisciplinary Journal	1	7
67. Texas Speech Communication Journal	1	7
68. Academy of Management Learning and Education	1	7
69. Review of European Studies	1	7
70. Journal of Research and Reflectiveness in Education	1	7
71. Mathematics Education Trends and Research	1	7
72. New Zealand Journal of Mathematics	1	7
73. Educational Studies in Mathematics	1	7
74. US-China Education Review	1	7
75. Iranian Journal of Language Studies	1	7
76. International Journal of Teaching and Learning in Higher Education	1	7
77. Utilization and Innovation of Technology	1	7
78. International Journal of Instruction	1	7
79. Journal of Educational Multimedia and Hypermedia	1	7
80. Journal of Education and Planning	1	7
81. Australian Journal of Educational and Development Psychology	1	7
82. A Research Journal of South Asian Studies	1	7
83. Journal of College Student Development	1	7
84. Journal of Media and Communication Studies	1	7
85. Teaching of Psychology	1	7
86. The Chronicle of Higher Education	1	7
87. Asian Journal of Humanities and Social Sciences	1	7
88. Research in Higher Education	1	7
89. Journalism Quarterly	1	7
90. Journal of Neuroscience methods	1	7
91. ITESL Journal	1	7
92. Linguistic Inquiry	1	7
93. International Journal of the Sociology of Language	1	7
94. World Applied Sciences Journal	1	7
95. Journal of College Student Retention	1	7
96. Journal of Adolescent Research	1	7
97. Journal of the First-year-experiences and Students in Transition	1	7
98. College Student Journal	1	7
99. Journal of Early Adolescence	1	7
100. Journal of Education for Teaching	1	7
101. International Journal of Conflict Management	1	7
102. E Journal	1	7
103. English Teaching	1	7
104. International Journal for The Psychology of Religion	1	7
105. Education	1	7

Table 2 (Continued)

Journals Cited in Chapter 2	Total number of Citations	Rank based on counts
106. Journal of Empirical Theology	1	7
107. International Journal of Research in Social Science	1	7
108. The Teacher Education Journal	1	7
109. Psychology in the Schools	1	7
110. International Journal of Emerging Science	1	7
111. Eurasia Journal of Mathematics, Science and Technology Education	1	7
112. An Online Journal of the African Education Research Network	1	7
113. Journal of Quality and Technology Management	1	7
114. American Association for Higher Education	1	7
115. Educational American Research Journal	1	7
116. Educational Change	1	7
117. AAHE Bulletin	1	7
118. Journal of Hispanic Higher Education	1	7
119. European Journal of Psychology of Education	1	7
120. Journal of Psychology	1	7
121. Family Perspectives	1	7
122. Journal of Family Psychology	1	7
123. Journal of Divorce and Remarriage	1	7
124. Journal of Marriage and the Family	1	7
125. Remarriage	1	7
126. Children in Family Contexts: Perspective on Treatment	1	7
127. Personal Relationship	1	7
128. Pakistan Journal of Psychological Research	1	7
129. New Directions for Teaching and Learning	1	7
130. Advances in Psychology Education	1	7
131. Honors Undergraduate Student Research	1	7
132. Journal of Education and Practice	1	7
133. International Journal of Science and Research Publication	1	7
134. The Clearing House	1	7
135. Japan Society of Science Education	1	7
136. Issues and Practices	1	7
137. International Journal of Applied Linguistics and English Literature	1	7
138. Journal of Science and Mathematics Education	1	7
139. Journal of Studies in International Education	1	7
140. Asia Pacific Forum on Science Learning and Teaching	1	7
141. Journal of College Biology Teaching	1	7
142. Journal of Biology Education	1	7
143. Hacettepe University Journal of Education	1	7
144. Journal of Biological Education	1	7
145. International Journal of Environmental Science and Education	1	7
146. Psychological Assessment	1	7
147. Early Education and Development	1	7
148. International Journal of Psychological Studies	1	7
149. Education and Psychology	1	7
150. Developmental Psychology	1	7

Table 2 (Continued)

Journals Cited in Chapter 2	Total number of Citations	Rank based on counts
151. Theory and Practice in Language Studies	1	7
152. Japan Journal of International Development and Cooperative	1	7
153. Elementary Education Online	1	7
154. The Journal of Modern Thoughts in Education	1	7
155. Electronic Journal of Foreign Language Teaching	1	7
156. International Education Journal	1	7
157. International Journal of Social Management, Economic and Business Engineering	1	7
158. Journal Article from Academic Exchange Quarterly	1	7
159. Pacific Education Researcher	1	7
160. Journal Social Science	1	7
161. Electronic Journal of Studies and Research	1	7
162. Attendance Works	1	7
163. Journal of Education and Development Psychology	1	7
164. Journal of Intellectual Disability Research	1	7
165. Handbook of Socialization	1	7
166. Psychological review	1	7
167. Bridging the Gap in Theory and Measurement	1	7
168. Educational Psychologist	1	7
169. Handbook of Emotional Intelligence	1	7
170. Emotional Intelligence, Imagination, Cognition and Personality	1	7
171. Adolescent Medicine and Health	1	7
172. Pastoral Care in Education	1	7
173. British Journal of Guidance and Counselling	1	7
174. Journal of Psychoeducational Assessment	1	7
175. American Council on Education Journal of College Student	1	7

Table 2 revealed the list of all journal titles cited in the undergrad theses that were analyzed. As can be seen, the Journal of Educational Psychology has the highest total number of citations in the undergrad theses of the College of Education, totaling 11 citations out of the 55 papers analyzed in the study. Additionally, the Research Journal has a total citation of six, thereby ranked second. TESOL Quarterly, Learning and Individual Differences, International Journal of Humanities and Social Science, and Science Education have each been cited five times and were ranked 3rd. Cited four times, the Turkish Online Journal of Educational Technology, Journal of Science Educational Technology, Educational Psychology Review, Language Learning, Journal of Research in Science Teaching, and International Journal of Science Education, consequently ranked 4th. It is followed by the Modern Language Journal, Educational Leadership, and so on which are ranked 5th since these journals were equally cited three times each. Journals that were cited twice

ranked 6th, while those journals which were cited once were ranked 7th. It can be noted that upon checking the date of the publication of these journals, it was found that they were published 5 years ago, therefore, allowing the inference that the College of Education student researchers cited recently published articles in the aforementioned journals.

Table 3 - List of Journals Cited in the Chapter 2 which are Found in SCImago Journals and Country Rank (SJR)

Rank of Journals Cited Based on the Total Citations	Journal Titles	Rank in SCImago Journal
9	Journal of Research in Science Teaching	1
5	Science Education	3
44	Educational American Research Journal	7
1	Journal of Educational Psychology	8
15	Computers and Education	15
7	Language Learning	33
21	Science Teacher Journal	32
13	Teacher and Teaching Education	36
22	Journal of Higher Education	37
8	International Journal of Science Education	39
28	Journal of Learning Disabilities	45
32	Studies in Second Language Acquisition	49
38	Research in Higher Education	51
33	Academy of Management Learning and Education	54
3	TESOL Quarterly	62
14	The Elementary School Journal	81
27	Harvard Educational Review	83
30	Higher Education Quarterly	84
50	Journal of Studies in International Education	88
4	Learning and Individual differences	89
16	Journal of Science Education and Technology	91
26	Educational Measurement: Issues and Practice	98
40	Journal of Education for Teaching	116
20	Education and Science	124
29	Eurasia Journal of Mathematics, Science, and Technology Education	166
45	Educational Change	170
59	Journal of Psychoeducational Assessment	187
49	Journal of Science and Mathematics Education	195
53	Early Education and Development	217
18	Journal of Experimental Education	208
23	Journal of Educational Research	224
57	Pacific Education Researcher	226
2	Mathematics Education Research Journal	236
25	Exceptionality	239
36	Journal of College Student Development	246
46	Journal of Hispanic Higher Education	254

Table 3 (Continued)

Rank of Journals Cited Based on the Total Citations	Journal Titles	Rank in SCImago Journal
42	Psychology in the Schools	258
31	RELC Journal	284
6	Turkish Online Journal of Educational Technology	298
10	Educational Leadership	319
47	European Journal of Psychology of Education	321
37	Teaching of Psychology	328
12	International Journal of Educational Research	343
19	Theory into Practice	352
52	Journal of Biological Education	355
41	English Teaching	366
17	Australian Journal of Teacher Education	371
24	Journal of Research and Practice	464
55	Electronic Journal of Foreign Language Teaching	508
11	American Biology Teacher	527
58	Pastoral Care in Education	558
39	Journal of College Student Retention	666
48	New Directions for Teaching and Learning	699
51	Asia Pacific Forum on Science Learning and Teaching	715
35	Journal of Educational Multimedia and Hypermedia	747
54	Elementary Education Online	743
56	International Education Journal	760
34	International Journal of Instruction	769

Table 3 displays the journals cited from the analyzed theses which were found in the SCImago Journal and Country Rank (SJR). The data shows that most of the theses submitted in 2015 cited these journals. In fact, out of the 55, only 14 undergraduate theses did not cite any journals indexed in SJR. In addition, since Scopus is the world's largest abstract and citation database of peer-reviewed literature, this finding could imply that the theses submitted to the College of Education which contain citations of Scopus-indexed journals may be considered credible enough to be used as references by future researchers.

Moreover, even though the journals above are on SJR's list, they were still cited less frequently as most of them ranked 30th on the list and some in the 500th to 700th place in the ranking. This could signify that although these journals were cited, they do not fall among the uppermost-ranked journals.

Table 4 - List of Journals Cited in Chapter 2 that were not Found in the SCImago Journals and Country Rank (SJR)

List of Journals Cited in Chapter 2 that were not found in SCImago Journals and Country Rank (SJR)

1. International Journal of Humanities and Social Science
2. Journal Science Educational Technology
3. Educational Psychology Review
4. Psychological Bulletin
5. Modern Language Journal American Biology Teacher
6. Child Development
7. Human Communication Research
8. American Journal on Educational Research
9. Journal of Educational and Social Research
10. The Reading Teacher
11. Journal of Nutrition Education and Behavior
12. Journal of Nutrition
13. Journal of American College Health
14. The American Psychological Association
15. International Journal of English Education
16. International Journal of Scientific and Research Publications
17. European Journal of Social Sciences
18. Journal of Undergraduate Research
19. Journal of Education and Research
20. EDUCAUSE Review
21. Journal of Management and Business Research
22. Information, Communication and Society
23. Journal of Mathematical Behavior
24. Educational Evaluation and Policy Analysis
25. Australian Council for Educational Research
26. Jurnal E-Bangi
27. International Online Journal of Educational Sciences
28. Journal of Academic Research in Business and Social Sciences
29. Contemporary Educational Technology
30. Malaysian Journal of Educational Technology
31. Hammill Institute on Disabilities
32. International Journal of Educational Studies
33. Communication Research Reports
34. An Interdisciplinary Journal
35. Texas Speech Communication Journal
36. Review of European Studies
37. Journal of Research and Reflectiveness in Education
38. Mathematics Education Trends and Research
39. New Zealand Journal of Mathematics
40. Educational Studies in Mathematics
41. US-China Education Review
42. Iranian Journal of Language Studies
43. International Journal of Teaching and Learning in Higher Education
44. Utilization and Innovation of Technology
45. Journal of Education and Planning
46. Australian Journal of Educational and Development Psychology

Table 4 (Continued)

List of Journals Cited in Chapter 2 that were not found in SCImago Journals and Country Rank (SJR)

47. A Research Journal of South Asian Studies
48. Journal of Media and Communication Studies
49. The Chronicle of Higher Education
50. Asian Journal of Humanities and Social Sciences
51. Journalism Quarterly
52. Journal of Neuroscience Methods
53. ITESL Journal
54. Linguistic Inquiry
55. International Journal of the Sociology of Language
56. World Applied Sciences Journal
57. Journal of Adolescent Research
58. Journal of the First-year-experiences and Students in Transition
59. College Student Journal
60. Journal of Early Adolescence
61. Journal of Adolescent Research
62. Journal of the First-year-experiences and Students in Transition
63. College Student Journal
64. Journal of Early Adolescence
65. International Journal of Conflict Management
66. E Journal
67. International Journal for the Psychology of Religion
68. Education
69. Journal of Empirical Theology
70. International Journal of Research in Social Science
71. The Teacher Education Journal
72. International Journal of Emerging Science
73. An Online Journal of the African Education Research Network
74. Journal of Quality and Technology Management
75. Educational American Association for Higher Education
76. AAHE Bulletin
77. Journal of Psychology
78. Family Perspectives
79. Journal of Family Psychology
80. Journal of Divorce and Remarriage
81. Journal of Marriage and the Family
82. Remarriage
83. Children in Family Contexts: Perspective on Treatment
84. Personal Relationship
85. Pakistan Journal of Psychological Research
86. Advances in Psychology Education
87. Honors Undergraduate Student Research
88. Journal of Education and Practice
89. International Journal of Science and Research Publication
90. The Clearing House
91. Japan Society of Science Education
92. Issues and Practices
93. International Journal of Applied Linguistics and English Literature
94. Journal of College Biology Teaching

Table 4 (Continued)

List of Journals Cited in Chapter 2 that were not found in SCImago Journals and Country Rank (SJR)
95. Journal of Biology Education
96. Hacettepe University Journal of Education
97. International Journal of Environmental Science and Education
98. Psychological Assessment
99. International Journal of Psychological Studies
100. Education and Psychology
101. Developmental Psychology
102. Theory and Practice in Language Studies
103. Japan Journal of International Development and Cooperative
104. The Journal of Modern Thoughts in Education
105. International Journal of Social Management, Economic and Business Engineering
106. Journal Article from Academic Exchange Quarterly
107. Journal Social Science
108. Electronic Journal of Studies and Research
109. Attendance Works
110. Journal of Education and Development Psychology
111. Journal of Intellectual Disability Research
112. Handbook of Socialization
113. Psychological Review
114. Bridging the Gap in Theory and Measurement
115. Educational Psychologist
116. Handbook of Emotional Intelligence
117. Emotional Intelligence, Imagination, Cognition and Personality
118. Adolescent Medicine and Health
119. British Journal of Guidance and Counselling
120. American Council on Education Journal of College Student

Presented in Table 4 are the journals cited that were not found in SCImago's Journal and Country Rank (SJR). As can be seen, the majority of the cited sources from Chapter 2 of the analyzed theses do not belong to SCImago's list. However, this finding does not necessarily suggest that the theses and other studies in the College of Education are unreliable, only that the references were not included in SCImago. These lists of journals might perhaps be indexed on another database such as WOS or Google Scholar. Another implication is the citation problem of the researchers. Authors of the undergraduate theses interchanged the journal titles, for instance, instead of Educational Psychology; they cite it as "Psychology Education" which results in another name for the journal title. When the researchers search for this title, it is indexed in another database. In addition, the based on the result of this study, it could be inferred that most of the researchers in the College of Education were not aware of the journals that are considered high-quality sources. Therefore, to enable them to cite reli-

able journals, thesis advisers and panel members may inform the researchers about the list of journals indexed in the SCImago Journal and Country Rank (SJR) as reflected in Table 3.

IV. CONCLUSIONS AND RECOMMENDATIONS

Based on the findings, 17 of the 55 undergraduate theses were authored by students enrolled in the BSED English program. However, Mathematics majors had the highest number of journals cited in Chapter 2. Meanwhile, only two theses did not cite resources from any journal. This, however, does not imply that if a thesis has not cited a journal as one of its sources of data, it is unreliable. It may contain citations from books, periodicals, theses, and dissertations.

Journals cited such as the Journal of Educational Psychology had the highest total number of citations (8th rank in the SJR). Further, pertinent results such as the Journal of Science Education ranked 3rd, while the Journal of Research in Science Teaching ranked 1st, and the Educational American Research Journal as 7th in the SJR rank. This may imply that the undergraduate theses of the College of Education could be reliable and have quality sources as many cited journals are in the rankings of SJR in 2016. On the other hand, it was also inferred that studies that did not contain any in-text nor bibliographical entry of any journal found on SJR's list may have cited and found sources on other indexed databases.

Based on the findings and conclusion drawn, the following recommendations are formulated:

To the libraries: They assist students and researchers by securing access to databases and journals either printed or electronic, preferably those included in the list of Scopus databases.

To the researchers: To gauge its scholarly impact and standing within the academic community, researchers can cite sources coming from reputable journals and references. Meanwhile, in the process of citing sources from the internet, it is imperative to include the respective URLs to ensure transparency and enable readers to access the referenced materials easily. Proper citation of journal titles in the bibliography is a fundamental aspect of scholarly writing, emphasizing the importance of adherence to citation standards and guidelines. It is also essential to prioritize the incorporation of recent source materials, as it enhances the reliability and relevance of the research findings. To facilitate adherence to recommended journal citations, researchers are encouraged to utilize the provided Microsoft Excel file containing a compre-

hensive list of journal titles as indicated in this link: <http://www.scimagojr.com/journalrank.php?category=3304>).

For future researchers: They may conduct a similar study comparing journals being indexed by ISI and Scopus databases or studies that focus on citation analysis of journals in a different context in which e-journals are available in their library.

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