



Citation Analysis

Citation analysis is "the statistical frequency with which particular sources are quoted."

Mary Mortimer, Libraryspeak: A Glossary of Terms in Librarianship and Information Management, 2015.

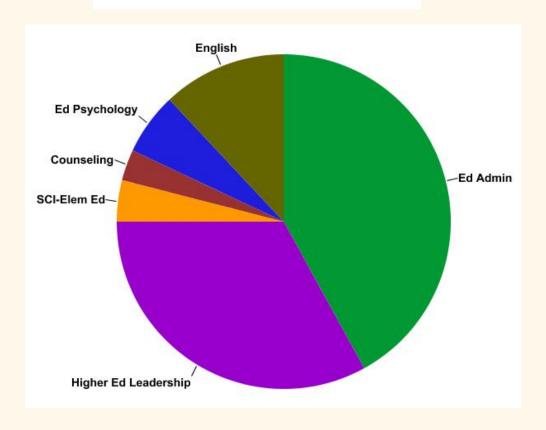
Questions

- 1. What are our students citing in their dissertations and theses?
- 2. Who is citing our students' dissertations and theses?
- 3. How can we use this information to improve the scholarship created by our students?

Library Instruction
Collection Development

2013 Dissertations: Overview

Doctorates Awarded in 2013						
Educational Administration	EdD	42				
Higher Education Leadership	EdD	33				
Supervision, Curriculum, and						
InstructionElementary Education	EdD	4				
Counseling	PhD	3				
Educational Psychology	PhD	6				
English	PhD	12				



2013 Dissertations: Online Sources



What percentage of dissertation citations come from online sources that are not library databases?

Dissertations	100
Total Citations	9915
Online Citations	1852
Percentage	19%

2013 Dissertations: Findings

Missing URLs, shortened URLs, and errors in URLs:







"Lowndes County Schools 3rd-8th Grades Parent Guide to Grading." Web. 22 July 2014. **NOT FOUND**

Mazur, Tim C. "Lying." Mark Kula Center for Applied Ethics. Web. 20 December 2013. MARKKULA

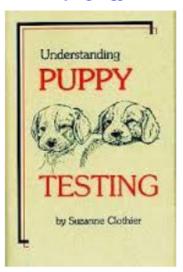
Perrin, Porter G. The Writer's Guide and Index to English. Chicago: Scott, Foresman and Co., b1942. Haiti Trust Digital Library. Web. 20 December 2013. HATHI

Saudi Gazette (2012). 50,000 Saudis to graduate from top 500 universities by 2020. Retrieved from http://bit.ly/NUwPYLSB 2033. Web. 22 July 2014

SB 2033. Web. 22 July 2014. MULTIPLE STATES WITH SB 2033

Citing a bookseller website rather than a book:

Clothier, S. (1996). *Understanding puppy testing*. Retrieved from http://www.flyingdogpress.com.



2013 Dissertations: Findings

Citing an unofficial reprint:

On the Value of Scepticism

by Bertrand Russell

from The Will To Doubs

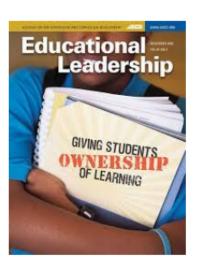
pose a doctrine which may. I fear, appear wildly paradoxical and subversive. The doctrine in question is this: that it is undesire outed whatever for supposing it true. I must, of coarse, admit that if such an opinion became common it would completely traren; since both are at persent faultless, this must weigh against it. I am also aware (what is more serious) that it would tend to a bookmakers, bishops, and others who live on the irrational hopes of those who have done nothing to deserve good fortune her mist, I maintain that a case can be made out of may paradox, and I shall try to set it fortune.

Russell, Bertrand. "On the Value of Skepticism." Kent State. Web. 27 August 2014.

There is no URL, but the citation leads to this URL: http://www.personal.kent.edu/~rmuhamma/Philosophy/RBwritings/valueSceptism.htm. This is a personal webpage with a snippet from a copyrighted work that is available elsewhere.

Incorrectly citing an official reprint:

Schmoker, M. & R. J. Marzano (1999). Realize the promise of standards-based education. *Educational Leader-ship*, 56(6), 17-21. Retrieved from http://mikeschmoker.com/promise.html



2013 Dissertations: Findings

Wikis: and other questionable websites:

ite Author

The site was developed and maintained by Vaunt Design Group, an Internet consulting company. All employees, as time allows, participate in page development and maintenance. The collective pseudonym for this group is Phil Ament. Phil Ament is the host and page editor for all pages located within The gried tides Finder site. The sources used in preparation of the page are listed on each page in Bold Type.







Ament, P. (n.d.). Automobile. Retrieved from http://www.ideafinder.com/history/inventions/automobile.htm

Parker, W. (2012, May). Statistics on fatherless children in America. Retrieved: http://fatherhood.about.com/od/fathersrights/a/fatherless-children.htm

Wikipedia. (2010, May 7). Beck's Anxiety Inventory. Retrieved from http://en.wikipedia.org/wiki/Beck Anxiety Inventory.

Wallace, C. (2007). Vocabulary: The key to teaching English language learners to read. Jacksonville State University. Retrieved May 10, 2012 from http://www.freepatentsonline.com/article/Reading-Improvement/175631369.html

Inappropriate Authors:

Garrison, J. (2012). Divorced dads need to be society's new role models.

Retrieved from http://dadsdivorce.com/articles/divorced-dads-need-to-be-societys-new-role-models/

Srichand, M. (2014). Gender stereotypes. Retrieved from http://www.talkitover.in/self/genderstereotypes/



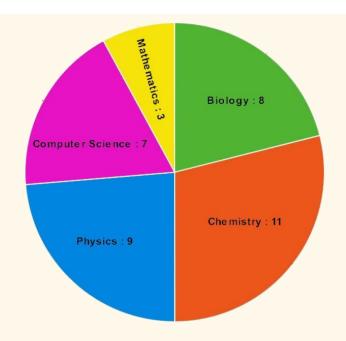
A Domestic Litigation Firm

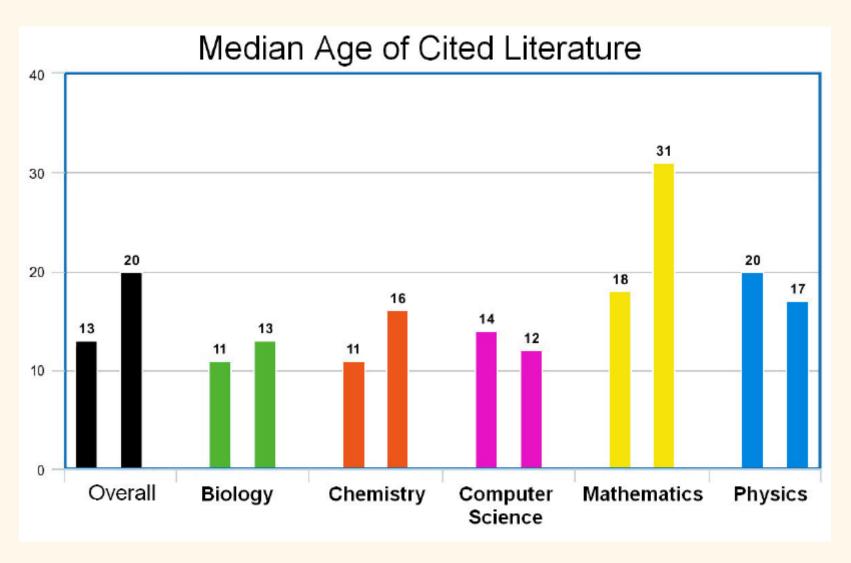


The first citation uses a well known DFW legal firm that focuses on men's rights in divorce. The second citation uses a counseling firm based in India to define gender stereotypes for a study about working class women in Tennessee.

Citations by Discipline

Discipline	Number of Theses	Number of Citations	Minimum Number of Citations	Maximum Number of Citations	Mean Number of Citations	Median Number of Citations
Biology	8	531	18	119	66	52
Chemistry	11	461	20	82	42	38
Computer Science	7	158	11	32	23	26
Mathematics	3	134	41	48	45	45
Physics 9		329	9	63	37	40

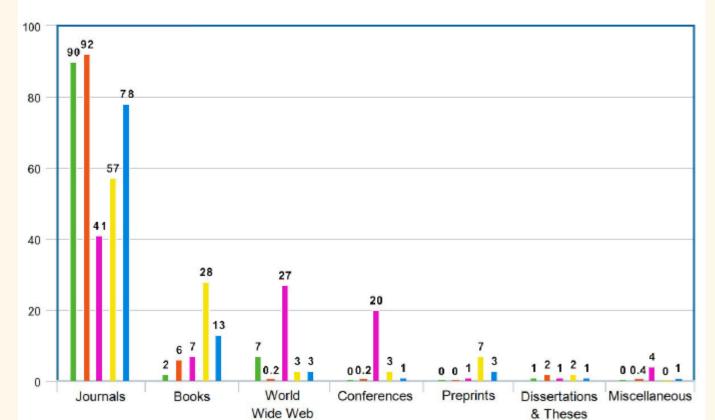




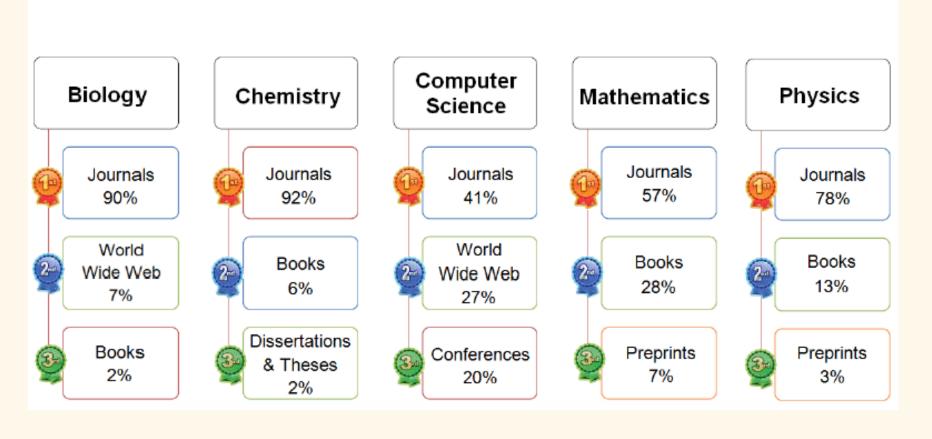
Citations by Resource Type and Discipline

Resource Type		Biology		Chemistry		Computer Science		Mathematics		Physics		All Disciplines	
Journals	479	90%	423	92%	64	41%	76	57%	257	78%	1299	81%	
Books	13	2%	26	6%	11	7%	37	28%	43	13%	130	8%	
World Wide Web	35	7%	1	0.2%	43	27%	4	3%	10	3%	93	6%	
Conferences	0	0%	1	0.2%	32	20%	4	3%	2	1%	39	2%	
Preprints	0	0%	0	0%	1	1%	10	7%	11	3%	22	1%	
Dissertations & Theses	4	1%	8	2%	1	1%	3	2%	4	1%	20	1%	
Miscellaneous	0	0%	2	0.4%	6	4%	0	0%	2	1%	10	1%	

Total 531 461 158 134 329 1613



Favored Formats by Discipline



Process of Getting Data

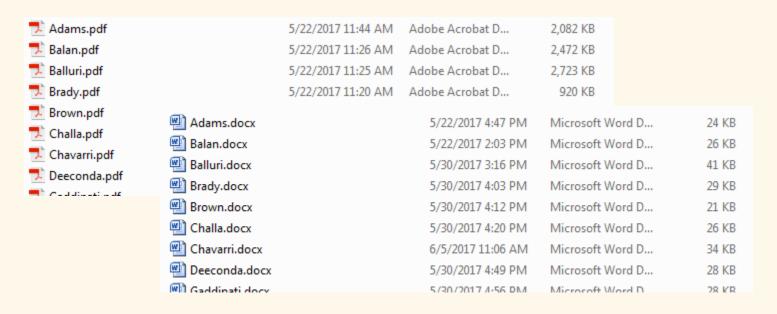
Step One: Identify target theses.

						.,	-		
	A	E	M	U	V	Y		AA	
1	Title		_	subjectTerms					
2	<i>z'</i> -Band atmosphere analysis of WASP-50 b	Adams, \	_	Astrophysics,	Pure sciences , A	tmosphere	, Exoplane	t , Hot jupit	ter
3	What makes a mobile game successful: A data-driven analysis of the	Balan, P	2016	Computer scien	Applied sciences	, Apps suc	cess , los a	ipp store, l	Mc
4	Role of G1P3-induced tubulin acetylation confers metastatic potential	Balluri, S	2016	Biology	Biological science	es , Acetyla	ation , Breas	st , Cancer	٠, (
5	Relativistic coulomb excitation of the pygmy dipole and giant resonan-	Brady, N	2016	Physics, Nucle	Pure sciences, 0	Giant resona	ance , Neutr	on skin , P)yç
6	Periodic analysis of V447 lyr: A U Gem type cataclysmic variable in t	Brown, C	2015	Astrophysics,	Pure sciences, C	Cataclysmic	variables,	Dwarf nova	ie .
7	Analysis of Cu(II) and Zn(II) binding of selected ambs as a function of	Challa, S	2016	Chemistry	Pure sciences, C	Copper, Me	thanobactin	s , Methan	ot
8	Cultivation optimization of <i>Methylosinus trichosporium <th>Chavarri,</th><th>2015</th><th>Biology, Molec</th><th>Biological science</th><th>es , Cultivat</th><th>ion , Dissol</th><th>ved oxygen</th><th>١,</th></i>	Chavarri,	2015	Biology, Molec	Biological science	es , Cultivat	ion , Dissol	ved oxygen	١,
9	Study of Zn(II) binding of an analog methanobactin peptide using ion n	Deecond	2016	Chemistry, Ana	Pure sciences , A	Amb5, CID	, Gaussian	, Methanol	bac
10	Role of G1P3 in breast cancer metastasis	Gaddipat	2015	Molecular biolog	Biological science	es , Actin ,	Breast cand	cer metasta	ası
11	Electronic effects on the chiral recognition properties of chiral porphyr	Gangu, V	2016	Chemistry	Pure sciences				
12	Utilizing various fertilizer application rates and bio-stimulant to improve	Garrett, J	2015	Agronomy	Biological science	es , Biomas	ss , Biostim	ulant , Ferti	tiliz
13	Gender and age classification from facial images using deep learning	Gharana,	2016	Artificial intellige	Applied sciences	, Age class	sification , D	eep learnin	ng
14	Photometric detections of secondary and primary transits of extra-sol	Gibson,	2015	Planetology, A	Pure sciences, E	Earth science	ces , Corot ,	Eclipse, I	Ex
15	Siderophore production in methanotrophy of <i>Methylosinus tric</i>	Gurung,	2016	Biology, Microl	Pure sciences, E	Biological so	ciences , Co	pper, Met	tha
16	Equine physiological responses to competitive barrel racing	Harris, B		Animal science	Biological science	es , Behavio	or , Blood gl	ucose , Blo	000
17	A new method for regular expression matching on preprocessed text			Computer scien	Applied sciences	, Closure p	roperties , I	nformation	ref
18	A photometric survey of strong gravitational lenses	Hesterly,	2015	Astrophysics,	Pure sciences, 0	Galaxy, Gro	oups , Lens	es , Lensin	ıg .
19	A novel multivariate analysis method to classify different tasks based	Jampana	_	Computer scien	Applied sciences	, Augment	ation , Class	sification , l	Ee
20	Imidazolium ion tethered tsdpens as water-compatible ligands for asy	Kang, Gu	2015	Chemistry	Pure sciences, A	Asymmetric	, Hydrogen	ation , Sod	liui
21	A highly enantioselective [4+2] cycloaddition involving aldehydes and	Katakam	2016	Chemistry, Org	Pure sciences, A	Aldehydes,	Asymmetri	c synthesis	s,
22	Clustoring affacts in the equation of state on nuclear matter	Lalmanci	2015	Dhysics Thou	Dura ecianeae (luctoring	Doutoron I	Equation of	Fed

A list of 2015 and 2016 theses was downloaded from ProQuest, from which the STEM titles were identified. Subject categories were standardized and each thesis was assigned a number.

Process of Getting Data

Step Two: Harvest the citations.



Each thesis was downloaded in PDF format and then converted to a Word document. Line breaks within citations were removed in preparation for copying and pasting into a single Excel file.

Process of Getting Data

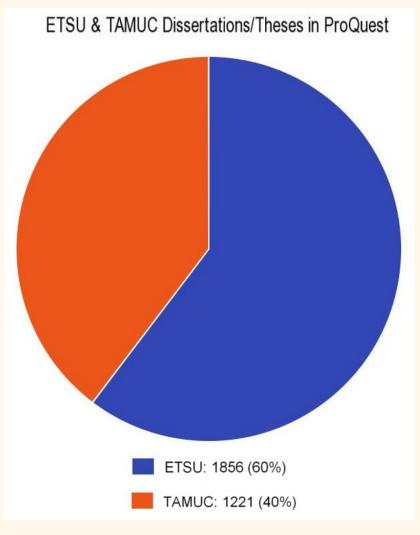
Step Three: Create the master list of citations.

4 1		В	С	D	E	
1	Index #	Thesis #	Citation #	Discipline	Year	Cit
2	1	1	1	Physics	2005	Burrows, A., I. Hubeny, and D. Sudarsky. "A Theoretical Interpretation of the Measureme
3	2	1	2	Physics	2012	Burton, J. R., et al. "z'-BAND GROUND-BASED DETECTION OF THE SECONDARY ECLIPSE OF WA
4	3	1	3	Physics	1988	Cambell, Bruce, G. A. H. Walker, and S Yang. "A search for substellar companions to sola
5	4	1	4	Physics	2008	Charbonneau, David, et al. "The Broadband Infrared Emission Spectrum of the Exoplane
6	5	1	5	Physics	2013	Cloutier, Ryan, and Min-Kai Lin. "Orbital migration of giant planets induced by gravitatic
7	6	1	6	Physics	1994	Cochran, William D., and Artie P. Hatzes. "A high-precision radial-velocity survey for othe
8	7	1	7	Physics	2010	Delessio, James. "MAESTRO: A Software Package Specializing in the Analysis of Pulsatin
9	8	1	8	Physics	2013	Deming, Drake, et al. "INFRARED TRANSMISSION SPECTROSCOPY OF THE EXOPLANETS HD 20
10	9	1	9	Physics	2013	exoplanet@hanno-rein.de. Open Exoplanet Catalogue. n.d. http://www.openexoplanetc
11	10	1	10	Physics	2015	exoplanets.org. Exoplanets Data Explorer WASP-50 b. 2014. http://exoplanets.org/detail/
12	11	1	11	Physics	2007	Fogg, M. J., and R. P. Nelson. "The effect of type I migration on the formation of terrestria
13	12	1	12	Physics	2008	Fortney, J. J., K. Lodders, M. S. Marley, and R. S. Freedman. "A Unified Theory for the Atmo
14	13	1	13	Physics	2012	Gazak, J. Zackary, et al. "Transit Analysis Package: An IDL Graphical User Interface for Exc
15	14	1	14	Physics	2011	Gillon, M., et al. "WASP-50 b: a hot Jupiter transiting a moderately active solar-type star.
16	15	1	15	Physics	2004	Grießmeier, JM., et al. "The effect of tidal locking on the magnetospheric and atmosph
17	16	1	16	Physics	2000	Jha, Saurabh, et al. "MULTICOLOR OBSERVATIONS OF A PLANETARY TRANSIT OF HD 209458."
18	17	1	17	Physics	1993	Kasting, James F., Daniel P. Whitmire, and Ray T. Reynolds. "Habitable Zones around Ma
19	18	1	18	Physics	2012	Kempton, Eliza Miller-Ricci, and Emily Rauscher. "CONSTRAINING HIGH-SPEED WINDS IN E

As the citations from each thesis were inserted, a unique control number, a thesis number and a citation number were added for each. In the extensive editing phase a column was added for year of publication of the cited work, journal abbreviations were standardized, and multiple lists were made for each format.

Bibliometric Study of the Scholarly Impact of ETSU/TAMUC Dissertations

The ProQuest Dissertations and Theses Database was used to extract the data. The database contains a total of 1,856 records for dissertations and theses from East Texas State University dating from 1965 to 1996, and a total of 1,221 records for dissertations and theses from Texas A&M University-Commerce dating from 1996 to 2017, for a grand total of 3,077 records.

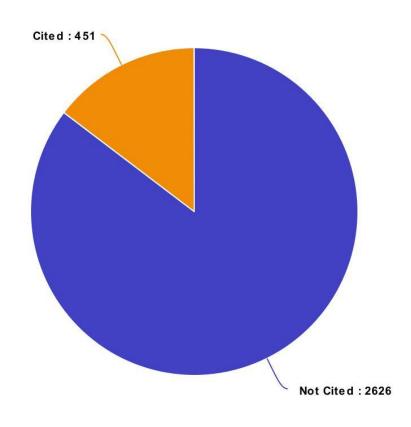


Overview: Process



If a dissertation or thesis found in ProQuest Dissertations and Theses database has been cited by other documents in ProQuest databases, Cited by (N) will appear below the citation.

Overview: Cited Dissertations and Theses



Of the 3,077 ETSU/TAMUC dissertations and theses that appear in the ProQuest Dissertations and Theses Database, 451 (15%) are marked as having been cited by other documents in the ProQuest databases.

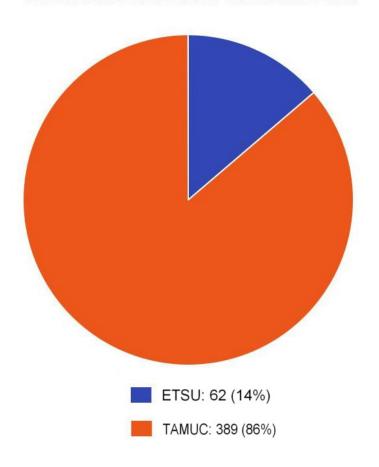
Overview: Data

Of the 3,077 ETSU/TAMUC found in the ProQuest Dissertations and Theses Database, 451 were found to have been cited within another ProQuest document a total of 1,210 times.

Of the 451 cited dissertations and theses, 62 were found to be from ETSU and 389 were found to be from TAMUC.

ProQuest introduced cited reference searching in 2007 for scholarly journals and in 2008 for dissertations and theses. Thus the majority of citations skew toward more recent years.

ETSU & TAMUC Dissertations/Theses that are Cited



Top Cited Dissertations

Cited By	Title	Year
64 62	Servant-leadership and job satisfaction: A correlational study in Texas Education Agency Region X public schools	2004
23	Black/White Biracial identity development: A grounded theory study	2000
22 24	Non-academic behavioral indicators of student impairment in CACREP-accredited Master's-level counseling programs	2000
18	A meta-analysis of outcomes from the use of calculators in mathematics education	1996
18	An analysis of the relationship of high school principals' perceived instructional leadership management behaviors to school size and to student achievement	2006
16	A comparison of distance learning and traditional learning environments	2001
15	The performance of home-schooled students in community colleges	1998
15	Young adults' attitudes toward marriage and fear of intimacy in relation to gender, religiosity, and conflict in the family of origin	2000
15	Fundraising programs in community colleges: Factors that contribute to effectiveness	2003
™ 15	Peer-assisted learning: The effects of cooperative learning and cross-age peer-tutoring on writing skills of students with learning disabilities	1992
™ 18	The effects of training on ethical decision making skills as a function of moral development and context in master-level counseling students	2004
14	Predictors of success on the National Council Licensing Examination computerized exam (CAT -NCLEX -RN) in associate degree nursing programs: A logistic regression analysis	2005
12	Barriers, critical events, and support systems affecting Chicanas in their pursuit of an academic doctorate	1988
12	Facilitating print awareness and literacy development with familiar children's songs	1994
12	The impact of early, regular, and late registration on students at three Texas colleges	1996
12	An application of structural equation modeling techniques in the prediction of statistics anxiety among college students	2001
11	The relationship between student performance and the leadership behavior of superintendents in Texas public school districts	2002
11	Perceived barriers to completion of the academic doctorate: A Delphi study	2005
10	Analyzing the impact of a data analysis process to improve instruction using a collaborative model	2006
10	The proportionate costs of Title I supplemental educational services: Effect of time in treatment on student achievement	2014

Table is updated to reflect additional citations since the June 2017 collection of data.

Top Cited Dissertation:

Servant-leadership and job satisfaction: A correlational study in Texas Education Agency Region X public schools Miears, Larry D., Texas A&M University - Commerce, ProQuest Dissertations Publishing, 2004. 3148083.

Cited by (62)

62 citations in ProQuest:

- 57 dissertations
- 3 journals
- 2 books

17 citations in ResearchGate:

- 6 dissertations
- 9 journals
- 2 books

Top Cited Dissertation:

Google Scholar

Servant-leadership and job satisfaction: A correlational study in Texas Educat

Q

Articles

Any time

Since 2017

Since 2016

Since 2013

Custom range...

Sort by relevance

Sort by date

[CITATION] Servant-leadership and job satisfaction: A correlational study in Texas Education Agency Region X public schools.

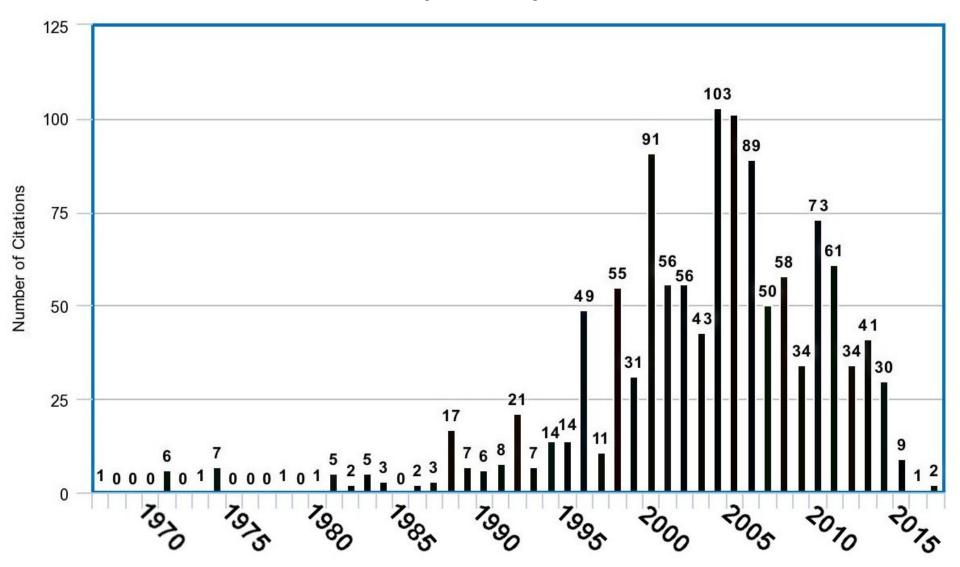
LD Miears - 2004 - elibrary.ru

Results . The internal reliability of the **research** instrument using the Cronbach"s Alpha was .98 indicating that it is highly probable that differences in responses were due to differences in individual respondents opinions rather than hard to interpret or vague questions. The Pearson **correlation** statistic revealed that a strong positive **correlation**, r = .723 (p < .01, two tailed), exists between **servant-leadership** and **job satisfaction**, which means that respondents who perceived a ...

☆ 99 Cited by 92 Related articles

92 Citations in Google Scholar

Citation Frequency, 1967-2017



Disciplines of Cited Dissertations/Theses

Discipline		tions and s Cited	Total Number of Citations		
Education	332	73.6%	932	77.0%	
Counseling	55	12.2%	174	14.4%	
Psychology	32	7.1%	66	5.5%	
Literature and Languages	13	2.9%	16	1.3%	
Health, Kinesiology, and Sports Studies	7	1.6%	9	0.7%	
Biological and Environmental Sciences	3	0.7%	4	0.3%	
Chemistry	3	0.7%	3	0.2%	
Art	2	0.4%	2	0.2%	
History	2	0.4%	2	0.2%	
Sociology and Criminal Justice	1	0.2%	1	0.1%	
Theater	1	0.2%	1	0.1%	
TOTAL	451		1210		

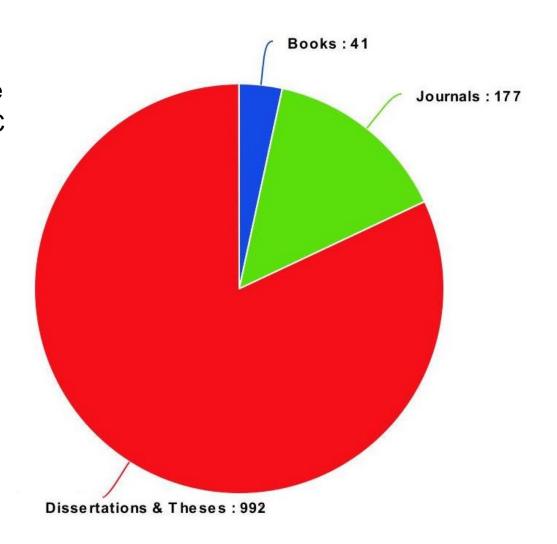
Who is Citing ETSU/TAMUC Dissertations and Theses?



Citing Documents by Format

Of the 1,210 documents that were found to have cited ETSU/TAMUC dissertations or theses:

- 1. 992 (82%) are from dissertations or theses written at other academic institutions
- 2. 177 (15%) are from academic journals
- 3. 41 (3%) are from books and other academic monographs.



Top Citing Universities

Count	Citation Title/University	Туре	City	State
135	Texas A&M University-Commerce	public	Commerce	TX
69	Capella University	for-profit	Minneapolis	MN
46	Walden University	for-profit	Minneapolis	MN
26	University of Phoenix	for-profit	Phoenix	AZ
21	Northcentral University	for-profit	San Diego	CA
20	Dallas Baptist University	private	Dallas	TX
14	Regent University	private	Virginia Beach	VA
12	Columbia University	private	New York	NY
12	Texas A&M University-Kingsville	public	Kingsville	TX
11	Grand Canyon University	for-profit	Phoenix	AZ
11	George Washington University	private	Washington	DC
11	Tarleton State University	public	Stephenville	TX
11	University of Arkansas	public	Fayetteville	AR
10	Boston University	private	Boston	MA
10	Liberty University	private	Lynchburg	VA
10	Old Dominion University	public	Norfolk	VA
10	Stephen F. Austin State University	public	Nacogdoches	TX

Academic Journals Citing ETSU/TAMUC Dissertations and Theses 1 Citation

Academic Medicine (2009)

Addiction (2009)

Adoption Quarterly (2013)

Advances in Health Sciences Education (2015)

American Educational Research Journal (2009)

American Journal of Business Education (2010)

American Journal of Family Therapy (2008)

Annals of Psychotheraphy & Integrative Health (2011)

Archive of Guidance & Counseling (2011)

Asia Pacific Education Review (2011)

Bilig (2012)

British Journal of Educational Psychology (2007)

Business Education & Accreditation (2014)

Business Review (2007)

Competition Forum (2009)

Computers in Human Behavior (2015)

Contemporary Family Therapy (2014)

Counseling Outcome Research & Evaluation (2012)

Criminal Justice & Behavior (2005)

Discourse Processes (2004)

Distance Learning (2011)

Education & Training in Autism & Developmental Disabilities (2010) Journal of Emotional & Behavioral Disorders (2013)

Education & Urban Society (2015)

Educational Psychology (2006)

Educational Psychology Review (2005)

Educational Research Quarterly (2004)

Emotional & Behavioral Difficulties (2009)

Engineering Management Journal (2004)

Equity & Excellence in Education (2011)

European Journal of Social Psychology (1973)

Exceptional Children (2014) Familiendynamik (2012)

Frontiers in Psychology (2015)

Global Journal of Health Science (2013)

Human Resource Development Quarterly (2004)

Intelligence (2010)

International Journal for Technology in Mathematics Education (2007)

International Journal of Bilingual Education & Bilingualism (2006)

International Journal of Disability, Development & Education (2010)

International Journal of Emergency Mental Health (2010)

International Journal of Information Dissemination & Technology (2014)

International Journal of Psychology Research (2013)

International Journal of Social Psychiatry (2007)

Iranian Journal of Psychiatry (2011)

Irish Journal of Psychology (2013)

Journal of Advanced Academics (2011)

Journal of Career Assessment (2011) Journal of Child & Family Studies (2016)

Journal of College Teaching & Learning (2010)

Journal of Counselor Preparation & Supervision (2013)

Journal of Developmental & Physical Disabilities (2015)

Journal of Education & Future (2012)

Journal of Education Research (2015)

Journal of Educational Computing Research (2014)

Journal of Family Issues (2009)

Journal of Family Therapy (2012)

Journal of Information Systems Education (2004)

Journal of Marriage & the Family (2017)

Journal of Mental Health Counseling (2016)

Journal of Negro Education (2014)

Journal of Personality & Social Psychology (2004)

Journal of Religion & Health (2017)

Journal of Research in Music Education (2005)

Journal of Secondary Gifted Education (2004)

Journal of Systemic Therapies (2003)

Journal of Teaching in Physical Education (2005)

L'Encéphale (2006)

Mental Health, Religion & Culture (2012)

Metacognition & Learning (2009)

Military Psychology (2010)

Peabody Journal of Education (2013)

Personality & Individual Differences (2006)

Personnel Psychology (2006)

Psychological Injury & Law (2008)

Psychological Record (2007)

Psychological Reports (2015)

Psychology & Aging (2014)

Psychology & Education (2003)

Psychology in the Schools (2011)

Psychology Teaching Review (2016)

Quality & Quantity (2011)

Quarterly Review of Distance Education (2010)

Race & Social Problems (2014)

Reading & Writing (2012)

Reading Horizons (2015)

Reading Teacher (2003)

Remedial & Special Education (2009)

Research in Higher Education Journal (2013)

Scholarship of Teaching & Learning in Psychology (2017)

Small Group Behavior (1979)

Social Science & Medicine (1982)

Sociological Spectrum (2014)

Southeastern Naturalist (2014)

Teaching English in the Two-Year College (2004)

Training & Education in Professional Psychology (2016)

Urban Education (2008)

Top Citing Journals

ETSU/TAMUC dissertations and theses were cited a total of 177 times by 130 academic journals.

Frequency of Citations of ETSU/TAMUC Dissertations and Theses in Academic Journals

5 Citations
4 Citations
3 Citations
2 Citations
1 Journals
7 Journals
2 Citations
2 Journals
1 Citation
9 Journals

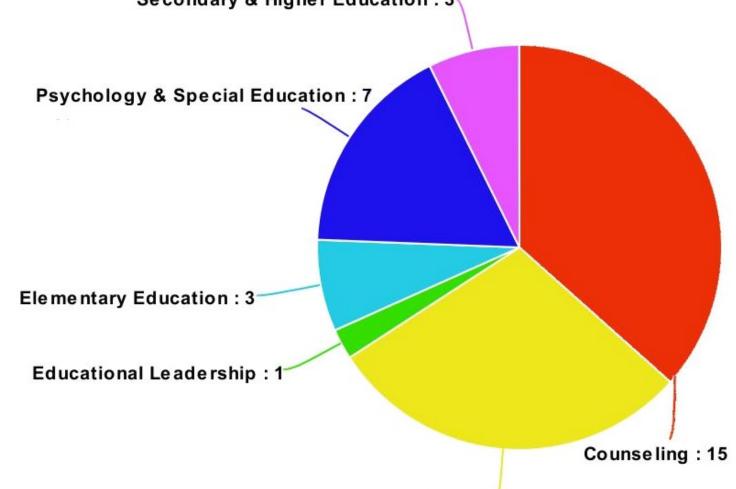
5 Citations



- E.B. Robinson (ElEd 1978) cited in 2013
- C.M. Utay (Psych/SpEd 1992) cited in 2005 & 2007
- J. Anderson (EdAd 2006) cited in 2007 & 2012

Books Citing ETSU/TAMUC Dissertations/Theses

Disciplines of the Cited ETSU/TAMUC Dissertations/Theses
Secondary & Higher Education: 3



Educational Administration: 12