

บรรณานุกรม

- ทูลองหบ่เวยเณรณังคิฎก. (2009). *ทูลองหบ่เวยเณรณังคิฎก*. กรุงเทพฯ : ทูลองหบ่เวยเณรณังคิฎก
- ทูลองหบ่เวยเณรณังคิฎก. (2011). *ทูลองหบ่เวยเณรณังคิฎก*. กรุงเทพฯ : ทูลองหบ่เวยเณรณังคิฎก
- ทูลองหบ่เวยเณรณังคิฎก. (2011). *ทูลองหบ่เวยเณรณังคิฎก*. กรุงเทพฯ : ทูลองหบ่เวยเณรณังคิฎก
- กนิษฐา กฤตภคะ. (2546). ความสัมพันธ์ระหว่างความวิตกกังวลในการเรียนวิชาคณิตศาสตร์กับผลสัมฤทธิ์ทางการเรียนคณิตศาสตร์ของนักเรียนชั้นมัธยมศึกษาปีที่ 3 ในเขตท้องที่การศึกษาที่ 5 กรุงเทพมหานคร. วิทยานิพนธ์ปริญญาศึกษาศาสตรมหาบัณฑิต, สาขาวิชาการวัดและประเมินผลการศึกษา, มหาวิทยาลัยรามคำแหง.
- กัลยา วาณิชยบัญชา. (2545). การวิเคราะห์ทางสถิติ : สถิติสำหรับการบริหารและวิจัย (พิมพ์ครั้งที่ 6). กรุงเทพฯ : สำนักพิมพ์จุฬาลงกรณ์มหาวิทยาลัย.
- คำเผย พิกักวงศ์. (2551). การพัฒนาโมเดลความสัมพันธ์เชิงสาเหตุของการรับรู้ความสามารถของตนเองทางคณิตศาสตร์ของนักเรียนมัธยมศึกษาปีที่ 3 ในนครหลวงเวียงจันทน์. วิทยานิพนธ์วิทยาศาสตรมหาบัณฑิต สาขาวิชาเทคโนโลยีวิทยาการศึกษา, บัณฑิตวิทยาลัย มหาวิทยาลัยบูรพา.
- นงลักษณ์ วิรัชชัย. (2542). โมเดลลิสร : สถิติวิเคราะห์สำหรับการวิจัย (พิมพ์ครั้งที่ 3). กรุงเทพฯ : จุฬาลงกรณ์มหาวิทยาลัย.
- เบญจจะ นิสสัยสุข. (2553). ปัจจัยที่มีอิทธิพลต่อความวิตกกังวลในการเรียนวิชาคณิตศาสตร์พื้นฐานของนักศึกษามหาวิทยาลัยกรุงเทพ. *BU Academic Review*, 9(1).
- เพ็ญพิไล ฤทธาคนานนท์. (2536). พัฒนาการทางพุทธิปัญญา. กรุงเทพฯ : สำนักพิมพ์จุฬาลงกรณ์มหาวิทยาลัย.
- จรูญ รัตนจารย. (2547). ผลของการฝึกการกำกับตนเองในการเรียนการสอนวิชาวิทยาศาสตร์ที่มีต่อการรับรู้ความสามารถของตนเองและผลสัมฤทธิ์ทางการเรียนวิชาวิทยาศาสตร์ของนักเรียนชั้นมัธยมศึกษาปีที่ 3. วิทยานิพนธ์ปริญญาครุศาสตรมหาบัณฑิต, สาขาวิชาการศึกษาศาสตร์ ภาควิชาหลักสูตรการสอน และเทคโนโลยีการศึกษา, คณะครุศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย.
- รัตน ดาบัง, ภัทราภรณ์ ห่งปันคำ, และ สมบัติ สกุลพรรณ. (2550). ผลของโปรแกรมการกำกับตนเองต่อการรับรู้สมรรถนะแห่งตนในการควบคุมพฤติกรรมก้าวร้าวของเด็กวัยรุ่น. *พยาบาลสาร*, 34(3), 98-110.
- วัลยา ใจคง. (2554). การพัฒนาโมเดลความสัมพันธ์เชิงสาเหตุของเมตาคognitionชั้นของนักเรียนชั้นมัธยมศึกษาตอนปลาย. วิทยานิพนธ์วิทยาศาสตรมหาบัณฑิต, สาขาวิชาการวิจัยและสถิติทางวิทยาการปัญญา, วิทยาลัยวิทยาการวิจัยและวิทยาการปัญญา มหาวิทยาลัยบูรพา.
- สมโภชน์ เอี่ยมสุภาษิต. (2553). *ทฤษฎี และเทคนิคการปรับปรุงพฤติกรรม* (พิมพ์ครั้งที่ 7). กรุงเทพฯ : สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย.
- สุนัย คล้ายนิล. (2547). คณิตศาสตร์สำหรับโลกวันพรุ่งนี้. *วารสารการศึกษาศาสตร์ คณิตศาสตร์และเทคโนโลยี*, 32(1), 12-24.

- สุวิมล ติรกันันท์. (2551). *การสร้างเครื่องมือวัดตัวแปรในการวิจัยทางสังคมศาสตร์ : แนวทางสู่การปฏิบัติ* (พิมพ์ครั้งที่ 2). กรุงเทพฯ: ศูนย์หนังสือแห่งจุฬาลงกรณ์มหาวิทยาลัย.
- เสรี ชัดแฉ่ม. (2549). อิทธิพลการรับรู้ของบิดามารดาและครูที่มีต่อการรับรู้ความสามารถด้านคณิตศาสตร์ของนักเรียนชั้นประถมศึกษาปีที่ 6. *วารสารศึกษาศาสตร์*, 18(1), 61-74.
- Akay, H., & Boz, N. (2010). The effect of problem posing oriented analyses-II course on the attitudes toward mathematics and mathematics self-efficacy of elementary prospective mathematics teachers. *Australian Journal of Teacher Education*, 35(1), 59-75.
- Anderson, L. W., & Bourke, S. F. (2000). *Assessing affective characteristics in the schools* (2nd ed.). London: Lawrence Erlbaum Associates.
- Anderson, V. (2007). *An online survey to assess student anxiety and attitude response to six different mathematical problems*. Paper presented at the 30th Annual Conference of the Mathematics Education Research Group, MERGA Inc, 93-102.
- Arem, C. A. (2010). *Conquering math anxiety* (3rd ed.). Canada: Cengage Learning.
- Ashcraft, M. H., & Kirk, E. P. (2001). The relationships among working memory, math anxiety, and performance. *Journal of Experimental Psychology: General*, 130(2), 224-237.
- Ashcraft, M. H., & Krause, J. (2007). Working memory, math performance, and math anxiety. *Psychonomic Bulletin & Review*, 14(2), 243-248. doi: 10.3758/bf03194059
- Ashcraft, M. H., & Ridley, K. S. (2005). Math anxiety and its cognitive consequences: a tutorial review. In J. I. D. Campbell (Ed.), *Handbook of mathematical cognition* (pp. 315-327). New York: Psychology Press.
- Aydin, Y. i. Ç., Uzuntiryaki, E., & Demirdögen, B. (2010). Interplay of motivational and cognitive strategies in predicting self-efficacy and anxiety. *Educational Psychology*, 31(1), 55-66. doi: 10.1080/01443410.2010.518561
- Bai, H. (2011). Cross-validating a bidimensional mathematics anxiety scale. *Assessment*, 18(1), 115-122. doi: 10.1177/1073191110364312
- Bai, H., Wang, L., Pan, W., & Frey, M. (2009). Measuring mathematics anxiety: psychometric analysis of a bidimensional affective scale. *Journal of Instructional Psychology*, 36(3), 185-193.
- Balgolu, M., & Koçak, R. (2006). A multivariate investigation of the differences in mathematics anxiety. *Personality and Individual Differences*, 40(7), 1325-1335. doi: 10.1016/j.paid.2005.10.009
- Bandura, A. (1986). *Social foundations of thought and action: a social cognitive theory*. New York: Prentice-Hall.

- Bandura, A. (1993). Perceived self-efficacy in cognitive development and functioning. *Educational Psychologist*, 28(2), 117-148.
- _____ (1994). Self-efficacy. In V. S. Ramachaudran (Ed.), *Encyclopedia of human behavior* (Vol. 4, pp. 71-81). New York: Academic Press. (Reprinted from: H. Friedman [Ed.], *Encyclopedia of mental health*. San Diego: Academic Press, 1998).
- _____ (1995). *Self-efficacy in changing societies*. USA: Cambridge University Press.
- _____ (1997). *Self-efficacy: the exercise of control*. New York: W.H. Freeman and Company.
- _____ (1999). Exercise of personal and collective efficacy in changing societies. In A. Bandura (Ed.), *Self-efficacy in changing societies* (pp. 1-45). USA: Cambridge University Press.
- _____ (2004). Self-efficacy. In N. B. Anderson (Ed.), *Encyclopedia of Health & Behavior* (Vol. 2, pp. 708-714). USA: Sage Publications.
- _____ (2006). Guide for constructing self-efficacy scales. In F. Pajares & T. Urdan (Eds.), *Self-efficacy beliefs of adolescents* (Vol. 5, pp. 307-337). Greenwich, CT: Information Age.
- Bandura, A., Barbaranelli, C., Caprara, G. V., & Pastorelli, C. (1996). Multifaceted impact of self-efficacy beliefs on academic functioning. *Child Development*, 67(3), 1206-1222. doi: 10.1111/j.1467-8624.1996.tb01791.x
- _____ (2001). Self-efficacy beliefs as shapers of children's aspirations and career trajectories. *Child Development*, 72(1), 187-206. doi: 10.1111/1467-8624.00273
- Bartnik, R., & Buryn, Z. (2011). *Conversion of coal-fired power plants to cogeneration and combined-cycle: thermal and economic effectiveness*. London: Springer Verlag.
- Bates, A. B., Latham, N., & Kim, J.-a. (2011). Linking preservice teachers' mathematics self-efficacy and mathematics teaching efficacy to their mathematical performance. *School Science & Mathematics*, 111(7), 325-333. doi: 10.1111/j.1949-8594.2011.00095.x
- Bayat, S., & Tarmizi, R. A. (2010). Assessing cognitive and metacognitive strategies during algebra problem solving among university students. *Procedia - Social and Behavioral Sciences*, 8, 403-410. doi: 10.1016/j.sbspro.2010.12.056
- Berry, L. M. (2008). *Barriers and pathways to quantitative thinking in environmental studies*. University of California, Santa Barbara Ph.D., University of California, Santa Barbara, United States -- California. Retrieved from <http://search.proquest.com/docview/304885397?accountid=44783> ProQuest database.

- Biller, J. (1996). *Reduction of mathematics anxiety*. Paper presented at the Annual National Conference on Liberal Arts and Education of Artists (10th, New York, NY, October 16-18 1996).
- Boekaerts, M., Maes, S., & Karoly, P. (2005). Self-regulation across domains of applied psychology: is there an emerging consensus?. *Applied Psychology: An International Review*, 54(2), 149-154. doi: 10.1111/j.1464-0597.2005.00201.x
- Bong, M., & Skaalvik, E. (2003). Academic self-concept and self-efficacy: how different are they really? *Educational Psychology Review*, 15(1), 1-40. doi: 10.1023/a:1021302408382
- Braden, G. (2009). *Fractal time: the secret of 2012 and a new world age*. USA: Hay House.
- Buckner, J. C., Mezzacappa, E., & Beardslee, W. R. (2009). Self-regulation and its relations to adaptive functioning in low income youths. *American Journal of Orthopsychiatry*, 79(1), 19-30. doi: 10.1037/a0014796
- Bursal, M., & Paznokas, L. (2006). Mathematics anxiety and preservice elementary teachers' confidence to teach mathematics and science. *School Science and Mathematics*, 106(4), 173-180. doi: 10.1111/j.1949-8594.2006.tb18073.x
- Caprara, G. V., Fida, R., Vecchione, M., Bove, G. D., Vecchio, G. M., Barbaranelli, C., & Bandura, A. (2008). Longitudinal analysis of the role of perceived self-efficacy for self-regulated learning in academic continuance and achievement. *Journal of Educational Psychology*, 100(3), 525-534.
- Caprara, G. V., Scabini, E., Barbaranelli, C., Pastorelli, C., Regalia, C., & Bandura, A. (1998). Impact of adolescents' perceived self-regulatory efficacy on familial communication and antisocial conduct. *European Psychologist*, 3(2), 125-132.
- Chen, C. S. (2002). Self-regulated learning strategies and achievement in an introduction to information systems course. *Information Technology, Learning, and Performance Journal*, 20(1).
- Clutts, D. W. (2010). *Mathematics self-efficacy of community college students in developmental mathematics courses*. Liberty University Ed.D., Liberty University, United States- Virginia. Retrieved from <http://search.proquest.com/docview/821438964?accountid=44783> ProQuest database.
- Dowson, M., & McInerney, D. M. (1997). *The development of the goal orientation and learning strategies survey (Goals-S): a quantitative instrument designed to measure students' achievement goals and learning strategies in Australian educational settings*. Paper presented at the Annual Meeting of the American Educational Research Association (Chicago, IL, March 24-28, 1997). Report retrieved from <http://eric.ed.gov/ERICWebPortal/contentdelivery/servlet/ERICServlet?accno=ED408315>

- Dowson, M., & McInerney, D. M. (2004). The development and validation of the goal orientation and learning strategies survey (Goals-S). *Educational and Psychological Measurement*, 64(2), 290-310. doi: 10.1177/0013164403251335
- Duncan, T. G., & McKeachie, W. J. (2005). The making of the motivated strategies for learning questionnaire. *Educational Psychologist*, 40(2), 117-128. doi: 10.1207/s15326985ep4002_6
- EMIS Office. (2011). *Education statistics & indicators 2010/2011*. Phnom Penh: Department of Planning, Ministry of Education, Youth and Sport.
- Evans, J. (2000). *Adults' mathematical thinking and emotions: a study of numerate practices*. London: Routledge/Falmer.
- Gaythwaite, E. S. (2006). *Metacognitive self-regulation, self-efficacy for learning and performance, and critical thinking as predictors of academic success and course retention among community college students enrolled in online, telecourse, and traditional public speaking courses*. University of Central Florida Ed.D., University of Central Florida, United States -- Florida. Retrieved from <http://search.proquest.com/docview/304944808?accountid=44783> ProQuest Dissertations & Theses A&I database.
- George, D., & Mallery, P. (2010). *SPSS for windows step by step : a simple guide and reference 17.0 update* (10th ed.). Boston: Allyn & Bacon.
- Gresham, G. (2008). Mathematics anxiety and mathematics teacher efficacy in elementary pre-service teachers. *Teaching Education*, 19(3), 171-184. doi: 10.1080/10476210802250133
- _____. (2009). An examination of mathematics teacher efficacy and mathematics anxiety in elementary pre-service teachers. *Journal of Classroom Interaction*, 42(2), 22-38. doi: 10.1080/10476210802250133
- Gunawardena, N. (2011). *Something happened on the way to heaven*. USA: Balboa Press.
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate data analysis: a global perspective* (7th ed.). USA: Pearson.
- Hamilton, M. (2011). *An exploratory study of the use of resources by students with diverse levels of mathematics self-efficacy*. Ph.D. 3483560, The Florida State University, United States -- Florida. Retrieved from <http://search.proquest.com/docview/902733828?accountid=44783> ProQuest Dissertations & Theses (PQDT) database.
- Hodge, J. (2002). *The effect of math anxiety, math self-efficacy, and computer-assisted instruction on the ability of undergraduate nursing students to calculate drug dosages*. West Virginia University Ed.D., West Virginia University, United States -- West Virginia. Retrieved from <http://search.proquest.com/docview/305500978?accountid=44783> ProQuest database.

- Hoffman, B. (2010). "I think I can, but I'm afraid to try": The role of self-efficacy beliefs and mathematics anxiety in mathematics problem-solving efficiency. *Learning and Individual Differences*, 20(3), 276-283. doi: 10.1016/j.lindif.2010.02.001
- Hooper, D., Coughlan, J., & Mullen, M. P. (2008). Structural equation modelling: guidelines for determining model fit. *The Electronic Journal of Business Research Methods*, 6(1), 53-60.
- Hopko, D. R., Mahadevan, R., Bare, R. L., & Hunt, M. K. (2003). The abbreviated math anxiety scale (amas): construction, validity, and reliability. *Assessment*, 10(2), 178-182.
- Hu, L.-t., & Bentler, P. M. (1999). Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. *Structural Equation Modeling: A Multidisciplinary Journal*, 6(1), 1-55. doi: 10.1080/10705519909540118
- Iossi, L. H. (2009). *The mathematics anxiety of bilingual community college students*. Ed.D. 3380825, Florida International University, United States - Florida. Retrieved from <http://search.proquest.com/docview/305132142?accountid=44783> ProQuest Dissertations & Theses (PQDT); ProQuest Dissertations & Theses A&I database.
- Jaafar, W. M. W., & Ayub, A. F. M. (2010). Mathematics self-efficacy and meta-cognition among university students. *Procedia - Social and Behavioral Sciences*, 8, 519-524. doi: 10.1016/j.sbspro.2010.12.071
- Jain, S. (2006). *Test anxiety and mathematics anxiety as a function of mediated learning experience and metacognitive skills*. University of Wyoming Ph.D., University of Wyoming, United States - Wyoming. Retrieved from <http://search.proquest.com/docview/304979308?accountid=44783> ProQuest Dissertations & Theses A&I database.
- Jain, S., & Dowson, M. (2009). Mathematics anxiety as a function of multidimensional self-regulation and self-efficacy. *Contemporary Educational Psychology*, 34(3), 240-249. doi: 10.1016/j.cedpsych.2009.05.004
- Kahle, D. K. B. (2008). *How elementary school teachers' mathematical self-efficacy and mathematics teaching self-efficacy relate to conceptually and procedurally oriented teaching practices*. Ph.D. 3313038, The Ohio State University, United States - Ohio. Retrieved from <http://search.proquest.com/docview/230680004?accountid=44783> ProQuest Dissertations & Theses (PQDT) database.
- Kaplan, R. M., McCordick, S. M., & Twitchell, M. (1979). Is it the cognitive or the behavioral component which makes cognitive-behavior modification effective in test anxiety? *Journal of Counseling Psychology*, 26(5), 371-377. doi: 10.1037/0022-0167.26.5.371

- Kazelskis, R. (1998). Some dimensions of mathematics anxiety: a factor analysis across instruments. *Educational and Psychological Measurement*, 58(4), 623-633.
- Kesici, S., Baloglu, M., & Deniz, M. E. (2011). Self-regulated learning strategies in relation with statistics anxiety. *Learning and Individual Differences*, 21(4), 472-477. doi: 10.1016/j.lindif.2011.02.006
- Kesici, S., & Erdogan, A. (2009). Predicting college students' mathematics anxiety by motivational beliefs and self-regulated learning strategies. *College Student Journal*, 43(2), 631-642.
- Klassen, R., Krawchuk, L., & Rajani, S. (2008). Academic procrastination of undergraduates: Low self-efficacy to self-regulate predicts higher levels of procrastination. *Contemporary Educational Psychology*, 33(4), 915-931. doi: 10.1016/j.cedpsych.2007.07.001
- Kline, R. B. (2011). *Principles and practice of structural equation modeling* (3th ed.). New York: Guilford Press.
- Kramarski, B., Weisse, I., & Kololshi-Minsker, I. (2010). How can self-regulated learning support the problem solving of third-grade students with mathematics anxiety? *ZDM Mathematics Education*, 42(2), 179-193.
- Kranzler, J. H., & Pajares, F. (1997). An exploratory factor analysis of the mathematics self-efficacy scale-revised (MSES-R). *Measurement & Evaluation in Counseling & Development (American Counseling Association)*, 29(4), 215-228.
- Langenfeld, T. E., & Pajares, F. (1993). *The mathematics self-efficacy scale: a validation study*. Report retrieved from <http://www.eric.ed.gov/PDFS/ED364413.pdf>
- Lavasani, M. G., Hejazi, E., & Varzaneh, J. Y. (2011). The predicting model of math anxiety: The role of classroom goal structure, self-regulation and math self-efficacy. *Procedia - Social and Behavioral Sciences*, 15, 557-562. doi: 10.1016/j.sbspro.2011.03.141
- Lavasani, M. G., Mirhosseini, F. S., Hejazi, E., & Davoodi, M. (2011). The effect of self-regulation learning strategies training on the academic motivation and self-efficacy. *Procedia - Social and Behavioral Sciences*, 29, 627-632. doi: 10.1016/j.sbspro.2011.11.285
- Layton, W. J. (2008). *Introduction to the numerical analysis of incompressible viscous flows*. USA: Society for Industrial and Applied Mathematics.
- Luszczynska, A., Diehl, M., Gutiérrez-Doña, B., Kuusinen, P., & Schwarzer, R. (2004). Measuring one component of dispositional self-regulation: attention control in goal pursuit. *Personality and Individual Differences*, 37(3), 555-566. doi: 10.1016/j.paid.2003.09.026

- Malpass, J. R. (1994). *A structural model of self-efficacy, goal orientation, worry, self-regulated learning, and high-stakes mathematics achievement*. University of Southern California Ph.D., University of Southern California, United States - California. Retrieved from <http://search.proquest.com/docview/304105172?accountid=44783> ProQuest Dissertations & Theses A&I database.
- Malpass, J. R., O'Neil, H. F., & Hocevar, D. (1996, April). *Self-regulation, goal orientation, self-efficacy, worry, and math achievement* Paper presented at the The annual meeting of the American Educational Research Association, New York City. Report retrieved from http://www.eric.ed.gov/ERICWebPortal/search/detailmini.jsp?_nfpb=true&_ERICExtSearch_SearchValue_0=ED395815&ERICExtSearch_SearchType_0=no&accno=ED395815
- McAuley, E., Mullen, S. P., Szabo, A. N., White, S. M., Wójcicki, T. R., Mailey, E. L., ... Kramer, A. F. (2011). Self-regulatory processes and exercise adherence in older adults: executive function and self-efficacy effects. *American Journal of Preventive Medicine*, 41(3), 284-290. doi: 10.1016/j.amepre.2011.04.014
- McClelland, M. M., Ponitz, C. C., Messersmith, E. E., & Tominey, S. (2010). Self-regulation: Integration of cognition and emotion. In R. M. Lerner & W. F. Overton (Eds.), *The Handbook of Life-Span Development: Cognition, Biology, and Methods* (pp. 509-553). USA: John Wiley & Sons Inc.
- Miller, H., & Bichsel, J. (2004). Anxiety, working memory, gender, and math performance. *Personality and Individual Differences*, 37(3), 591-606. doi: 10.1016/j.paid.2003.09.029
- Morris, L. W., Kellaway, D. S., & Smith, D. H. (1978). Mathematics anxiety rating scale: predicting anxiety experiences and academic performance in two groups of students. *Journal of Educational Psychology*, 70(4), 589-594. doi: 10.1037/0022-0663.70.4.589
- Nie, Y., Lau, S., & Liao, A. K. (2011). Role of academic self-efficacy in moderating the relation between task importance and test anxiety. *Learning and Individual Differences*, 21(6), 736-741. doi: 10.1016/j.lindif.2011.09.005
- Nietfeld, J. L., Cao, L., & Osborne, J. W. (2005). Metacognitive monitoring accuracy and student performance in the postsecondary classroom. *Journal of Experimental Education*, 74(1), 7-28.
- Norwood, K. S. (1994). The effect of instructional approach on mathematics anxiety and achievement. *School Science and Mathematics*, 94(5), 248-254. doi: 10.1111/j.1949-8594.1994.tb15665.x

- O'Neil, H. F., & Abedi, J. (1996). Reliability and validity of a state metacognitive inventory: potential for alternative assessment. *The Journal of Educational Research*, 89(4), 234-245. doi: 10.1080/00220671.1996.9941208
- Pajares, F. (1996a). Self-efficacy beliefs and mathematical problem-solving of gifted students. *Contemporary Educational Psychology*, 21(4), 325-344. doi: 10.1006/ceps.1996.0025
- (1996b). Self-efficacy beliefs in academic settings. *Review of Educational Research*, 66(4), 543-578.
- Pajares, F., & Kranzler, J. (1995). Self-efficacy beliefs and general mental ability in mathematical problem-solving. *Contemporary Educational Psychology*, 20(4), 426-443. doi: 10.1006/ceps.1995.1029
- Pajares, F., & Miller, M. D. (1994). Role of self-efficacy and self-concept beliefs in mathematical problem solving: a path analysis. *Journal of Educational Psychology*, 86(2), 193-203.
- (1997). Mathematics self-efficacy and mathematical problem solving: Implications of using different forms. *Journal of Experimental Education*, 65(3), 213-228.
- Palardy, G. J. (2003). *A comparison of hierarchical linear and multilevel structural equation growth models and their application in school effectiveness research*. Ph.D. 3093305, University of California, Santa Barbara, United States - California. Retrieved from <http://search.proquest.com/docview/305341431?accountid=44783> ProQuest Dissertations & Theses (PQDT) database.
- Pervin, L. A., & John, O. P. (1997). *Personality: theory and research* (7th ed.). USA: John Wiley & Sons.
- Peter, M. (2002). Relationships between self-efficacy and symptoms of anxiety disorders and depression in a normal adolescent sample. *Personality and Individual Differences*, 32(2), 337-348. doi: 10.1016/s0191-8869(01)00027-7
- Phakiti, A. (2006). Modeling cognitive and metacognitive strategies and their relationships to EFL reading test performance. *Melbourne Papers in Language Testing*, 1, 53-95.
- Pintrich, P. R. (2000). The role of goal orientation in self-regulated learning. In M. Boekaerts, P. R. Pintrich & M. Zeidner (Eds.), *Handbook of Self-Regulation* (pp. 451-502). San Diego: Academic Press.
- Pintrich, P. R., & De Groot, E. V. (1990). Motivational and self-regulated learning components of classroom academic performance. *Journal of Educational Psychology*, 82(1), 33-40. doi: 10.1037/0022-0663.82.1.33

- Pintrich, P. R., Roeser, R. W., & De Groot, E. A. M. (1994). Classroom and individual differences in early adolescents' motivation and self-regulated learning. *The Journal of Early Adolescence*, 14(2), 139-161. doi: 10.1177/027243169401400204
- Pintrich, P. R., Smith, D. A. F., Garcia, T., & McKeachie, W. J. (1991). *A manual for the use of the motivated strategies for learning questionnaire (MSLQ)*. Washington, DC: University of Michigan; U.S. Dept. of Education, Office of Educational Research and Improvement, Educational Resources Information Center.
- Pressley, M., & Hilden, K. (2006). Cognitive strategies. In W. Damon, R. M. Lerner, D. Kuhn & R. S. Siegler (Eds.), *Handbook of Child Psychology: Cognition, Perception, and Language* (6th ed., Vol. 2, pp. 511-556). New Jersey: John Wiley & Sons.
- Purdie, N., & McCrindle, A. (2002). Self-regulation, self-efficacy and health behavior change in older adults. *Educational Gerontology*, 28(5), 379-400. doi: 10.1080/03601270290081353
- Puzziferro, M. (2008). Online technologies self-efficacy and self-regulated learning as predictors of final grade and satisfaction in college-level online courses. *American Journal of Distance Education*, 22(2), 72-89.
- Rambow, D. J. (2008). *The relationship between emotional and social competence of math instructors and math anxiety levels of adult students enrolled in college mathematics courses*. Ed.D. 3322847, University of La Verne, United States -- California. Retrieved from <http://search.proquest.com/docview/304375693?accountid=44783> ProQuest Dissertations & Theses (PQDT); ProQuest Dissertations & Theses A&I database.
- Rossnan, S. (2006). Overcoming math anxiety. *Mathitudes*, 1(1), 1-4.
- Rounds, J. B., & Hendel, D. D. (1980). Measurement and dimensionality of mathematics anxiety. *Journal of Counseling Psychology*, 27(2), 138-149. doi: 10.1037/0022-0167.27.2.138
- Rouxel, G. (1999). Path analyses of the relations between self-efficacy, anxiety and academic performance. *European Journal of Psychology of Education*, 14(3), 403-421. doi: 10.1007/bf03173123
- Santrock, J. W. (2011). *Educational psychology* (5th ed.). New York: McGraw-Hill.
- Scarpello, G. V. (2005). *The effect of mathematics anxiety on the course and career choice of high school vocational-technical education students*. Ph.D. 3167554, Drexel University, United States -- Pennsylvania. Retrieved from <http://search.proquest.com/docview/304993809?accountid=44783> ProQuest Dissertations & Theses (PQDT) database.

- Schnoll, R., & Zimmerman, B. J. (2001). Self-regulation training enhances dietary self-efficacy and dietary fiber consumption. *Journal of the American Dietetic Association*, 101(9), 1006-1011. doi: 10.1016/s0002-8223(01)00249-8
- Schoenfeld, A. H. (1992). Learning to think mathematically: Problem solving, metacognition, and sense-making in mathematics. In D. Grouws (Ed.), *Handbook for Research on Mathematics Teaching and Learning* (pp. 334-370). New York: MacMillan.
- Schumacker, R. E., & Lomax, R. G. (2004). *Beginner's guide to structural equation modeling* (2th ed.). London: Lawrence Erlbaum Associates, Inc.
- Schunk, D. H. (2008). Metacognition, self-regulation, and self-regulated learning: research recommendations. *Educational Psychology Review*, 20(4), 463-467. doi: 10.1007/s10648-008-9086-3
- _____. (2012). *Learning theories: an educational perspective* (6th ed.). Boston: Pearson.
- Schunk, D. H., & Zimmerman, B. J. (2003). Self-regulation and learning. In W. M. Reynolds, G. E. Miller & I. B. Weiner (Eds.), *Handbook of Psychology: Educational psychology* (Vol. 7, pp. 79-102). New Jersey: John Wiley & Sons.
- Sovchik, R. J. (1996). *Teaching mathematics to children* (2nd ed.). USA: HarperCollins College Publishers.
- Steele, D. F., & Arth, A. A. (1998). Lowering anxiety in the math curriculum. *Education Digest*, 63, 18-23.
- Suinn, R. M., & Edwards, R. (1982). The measurement of mathematics anxiety: The mathematics anxiety rating scale for adolescents—MARS-A. *Journal of Clinical Psychology*, 38(3), 576-580. doi: 10.1002/1097-4679(198207)38:3<576::AID-JCLP2270380317>3.0.CO;2-V
- Suinn, R. M., & Winston, E. H. (2003). The mathematics anxiety rating scale, a brief version: psychometric data. *Psychological Reports*, 92(1), 167-173. doi: 10.2466/pr0.2003.92.1.167
- Szpiro, G. G. (2010). *A mathematical medley: fifty easy pieces on mathematics*. USA: American Mathematical Society.
- Tabachnick, B., & Fidell, L. (2007). *Using multivariate statistics* (5th ed.). USA: Pearson Education.
- Tanner, H., & Jones, S. (2003). *Self-efficacy in mathematics and students' use of self-regulated learning strategies during assessment events*. Paper presented at the 27th International Group for the Psychology of Mathematics Education Conference Held Jointly with the 25th PME-NA Conference (Honolulu, HI, Jul 13-18, 2003). Report retrieved from <http://www.eric.ed.gov/PDFS/ED501134.pdf>

- Tavakolizadeh, J., & Ebrahimi-Qavam, S. (2011). Effect of teaching of self-regulated learning strategies on self-efficacy in students. *Procedia - Social and Behavioral Sciences*, 29, 1096-1104. doi: 10.1016/j.sbspro.2011.11.343
- Trott, C. (2009). Dyscalculia. In D. Pollak (Ed.), *Neurodiversity in higher education: positive responses to specific learning differences* (pp. 125-148). UK: Wiley-Blackwell.
- Vitasari, P., Wahab, M. N. A., Othman, A., Herawan, T., & Sinnadurai, S. K. (2010). The relationship between study anxiety and academic performance among engineering students. *Procedia - Social and Behavioral Sciences*, 8, 490-497. doi: 10.1016/j.sbspro.2010.12.067
- Walker, C. M. (2007). *An investigation of how African American community college students with different levels of mathematics anxiety engage in problem solving tasks*. Ph.D. 3301606, The Florida State University, United States -- Florida. Retrieved from <http://search.proquest.com/docview/304873712?accountid=44783> ProQuest Dissertations & Theses (PQDT); ProQuest Dissertations & Theses A&I database.
- Walsh, K. A. (2006). *The relationships among mathematics anxiety, beliefs about mathematics, mathematics self-efficacy, and mathematics performance in associate degree nursing students*. Dowling College Ed.D., Dowling College, United States -- New York. Retrieved from <http://search.proquest.com/docview/304913224?accountid=44783> ProQuest Dissertations & Theses A&I database.
- Walsh, K. A. (2008). The relationship among mathematics anxiety, beliefs about mathematics, mathematics self-efficacy, and mathematics performance in associate degree nursing students. *Nursing Education Perspectives*, 29(4), 226-229. doi: 10.1043/1536-5026(2008)029[0226:tramab]2.0.co;2
- Wang, C. H. (2010). *Students' characteristics, self-regulated learning, technology self-efficacy, and course outcomes in web-based courses*. Auburn University Ph.D., Auburn University, United States - Alabama. Retrieved from <http://search.proquest.com/docview/787895130?accountid=44783> ProQuest Dissertations & Theses A&I database.
- Wei, Q. (2010). *The effects of pedagogical agents on mathematics anxiety and mathematics learning*. Utah State University Ph.D., Utah State University, United States - Utah. Retrieved from <http://search.proquest.com/docview/497128948?accountid=44783> ProQuest database.
- Wilfong, J. D. (2006). Computer anxiety and anger: the impact of computer use, computer experience, and self-efficacy beliefs. *Computers in Human Behavior*, 22(6), 1001-1011. doi: 10.1016/j.chb.2004.03.020

- Yee, D. K., & Eccles, J. S. (1988). Parent perceptions and attributions for children's math achievement. *Sex Roles*, 19(5), 317-333. doi: 10.1007/bf00289840
- Yildiz, E., Akpinar, E., Tatar, N., & Ergin, O. (2009). Exploratory and confirmatory factor analysis of the metacognition scale for primary school students. *Educational Sciences: Theory & Practice* 1591-1604.
- Yucedag-Ozcan, A., & Brewer, S. (2011). *Adaptation of mathematics anxiety rating scale-revised (mars-r) for adult online students*. Paper presented at the 27th Annual Conference on Distance Teaching & Learning. Report retrieved from http://www.uwex.edu/disted/conference/Resource_library/proceedings/45335_2011.pdf
- Zakaria, E., & Nordin, N. M. (2008). The effects of mathematics anxiety on matriculation students as related to motivation and achievement. *Eurasia Journal of Mathematics, Science & Technology Education*, 4(1), 27-30.
- Zimmerman, B. J. (1994). Dimensions of academic self-regulation: A conceptual framework for education. In D. H. Schunk & B. J. Zimmerman (Eds.), *Self-regulation of learning and performance: Issues and educational applications* (pp. 3-21). New Jersey: Lawrence Erlbaum Associates.
- _____. (2000). Attaining self-regulation: a social cognitive perspective. In M. Boekaerts, P. R. Pintrich & M. Zeidner (Eds.), *Handbook of Self-Regulation* (pp. 13-39). San Diego: Academic Press.
- Zimmerman, B. J., & Bandura, A. (1994). Impact of self-regulatory influences on writing course attainment. *American Educational Research Journal*, 31(4), 845-862.
- Zimmerman, B. J., Bandura, A., & Martinez-Pons, M. (1992). Self-motivation for academic attainment: the role of self-efficacy beliefs and personal goal setting. *American Educational Research Journal*, 29(3), 663-676.
- Zimmerman, B. J., & Cleary, T. J. (2006). Adolescents' development of personal agency: the role of self-efficacy beliefs and self-regulatory skill. In F. Pajares & T. C. Urdan (Eds.), *Self-efficacy beliefs of adolescents* (pp. 45-69). USA: IAP - Information Age Publishing, Inc.
- Zimmerman, B. J., & Kitsantas, A. (2005). Homework practices and academic achievement: The mediating role of self-efficacy and perceived responsibility beliefs. *Contemporary Educational Psychology*, 30, 397-417.
- Zimmerman, B. J., & Moylan, A. R. (2009). Self-regulation: where metacognition and motivation intersect. In D. J. Hacker, J. Dunlosky & A. C. Graesser (Eds.), *Handbook of Metacognition in Education* (pp. 299-315). New York: Routledge.