

DAFTAR PUSTAKA

- Ahmad, S., Hussain, A., & Azeem, M. (2012). Relationship of academic SE to self-regulated learning, SI, test anxiety and academic achievement. *International Journal of Education*, 4(1), p12.
- Ahmed, W., van der Werf, G., Kuyper, H., & Minnaert, A. (2013). Emotions, self-regulated learning, and achievement in mathematics: A growth curve analysis. *Journal of Educational Psychology*, 105(1), 150.
- Akiba, M., Chiu, Y-F., Zhuang, Y., & Eastman-Mueller, H. (2008). Standards-based mathematics reforms and mathematics achievement of American Indian/Alaska Native eighth graders. *Education Policy Analysis Archives*, 16(20), 1-20.
- Al-Harthy, I.S., & Was, C.A. (2010). Goals, efficacy and metacognitive self-regulation. *International Journal of Education*, 2, 1-20.
- Al Khatib, S. A. (2010). Meta-cognitive self-regulated learning and motivational beliefs as predictors of college students' performance. *International Journal for Research in Education*, 27, 57–72.
- Allen, M.J., & Yen, W.M. (1979). *Introduction to measurement theory*. Monterey, CA: Brooks/Cole.
- Alsa, A. (2005). *Program belajar, jenis kelamin, belajar berdasar regulasi diri dan prestasi belajar matematika pada pelajar SMA negeri di Yogyakarta*. (Disertasi tidak dipublikasikan). Fakultas Psikologi Universitas Gadjah Mada, Yogyakarta.
- Ames, C. (1992). Classrooms: Goals, structures, and student motivation. *Journal of Educational Psychology*, 84(3), 261.
- Ames, C., & Archer, J. (1988). Achievement goals in the classroom: Students' learning strategies and motivation processes. *Journal of Educational Psychology*, 80(3), 260.
- Anderman, E.M., & Wolters, C. (2006). Goals, values, and affects: influences on student motivation. Dalam P. Alexander., & P. Winne (Eds.), *Handbook of educational psychology*, New York: Simon & Schuster/Macmillan. 2nd ed.
- Annevirta, T., & Vauras, M. (2006). Developmental changes of metacognitive skill in elementary school children. *The Journal of Experimental Education*, 74(3), 195–226.
- Areepattamannil, S., Su, R. H. C., Goh, J. W. P., & Fulmer, G. W. (2013). Study habits and mathematical performance of 15-year-old students in Singapore. *Joint 7th SELF Biennial International Conference and Educational Research Association of Singapore (ERAS) Conference, Singapore, 9 - 11 September 2013*.

- Ariel, R., Dunlosky, J., & Bailey, H. (2009). Agenda-based regulation of study-time allocation: When agendas override item-based monitoring. *Journal of Experimental Psychology: General*, 138, 432– 447. doi: 10.1037/a0015928.
- Arikunto, S. (2003). *Prosedur penelitian: Suatu pendekatan praktek*. Jakarta : Rineka Cipta.
- Arjanggal, R., & Setiowati, E. A. (2013). Meningkatkan belajar berdasar regulasi diri melalui pembelajaran kooperatif tipe jigsaw. *MAKARA of Social Sciences and Humanities Series*, 17(1).
- Awan, R.U.N., Noureen, G., & Naz, A. (2011). A Study of relationship between achievement motivation, self concept and achievement in english and mathematics at secondary level. *International Education Studies*, 4 (3), 72-79.
- Bandalos, D.L., Geske, J.A., Finney, S.J. (2003). A model of statistics performance based on achievement goal theory. *Journal of Educational Psychology*, 95, 604-616. doi:10.1037/0022-0663.95.3.604
- Bandura, A. (1993). Perceived self-efficacy in cognitive development and functioning. *Educational Psychologist*, 28, 117-148.
- Bandura, A. (1994). Self-efficacy. Dalam V.S. Ramachaudran (Ed.), *Encyclopedia of Human Behavior* (Vol. 4, pp.71-81). New York: Academic Press. (Reprinted in H. Friedman [Ed.], *Encyclopedia of mental health*. San Diego: Academic Press, 1998).
- Bandura, A. (1995). Self-efficacy. Dalam A. S. R. Manstead & M. Hewstone (Eds.), *Blackwell encyclopedia of social psychology* (pp. 453-454). Oxford: Blackwell.
- Bandura, A. (1997). *Self-efficacy: The exercise of control*. New York: Freeman.
- Bandura, A. (2001). Self-efficacy and health. Dalam N. J. Smelser & P. B. Baltes (Eds.), *International encyclopedia of the social and behavioral sciences* (Vol. 20, pp. 13815-13820). Oxford: Elsevier Science.
- Baron, R. M., & Kenny, D. A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 51, 1173-1182.
- Bartels, J. M., Magun-Jackson, S., & Ryan, J. J. (2010). Dispositional approach-avoidance achievement motivation and cognitive self-regulated learning: the mediation of achievement goals. *Individual Differences Research*, 8(2).

- Bassi, M., Steca, P., Delle Fave, A., & Caprara, G. V. (2007). Academic self-efficacy beliefs and quality of experience in learning. *Journal of Youth and Adolescence*, 36(3), 301–312.
- Baykent, D., & Esme, I. (2006). *The Importance of Cognition, Metacognition, and Motivation in The Character Development through Science Education*. doi: <http://dx.doi.org/10.1063/1.2733244>.
- Bednar, A. K., Cunningham, D., Duffy, T. M., & Perry, J. D. (1992). Theory into practice: How do we link? Dalam T.M. Duffy., & D.H. Jonassen (Eds.), *Constructivism and the technology of instruction: A conversation*. Hillsdale: Lawrence Erlbaum Associates, 17-34.
- Berger, J.L., & Karabenick, S.A. (2011). Motivation and students' use of learning strategies: Evidence of unidirectional effects in mathematics classroom. *Learning and Instruction*, 21(3), 416-428.
- Bernaus, M. and Gardner, R.C. (2008). Teacher motivation strategies, student perceptions, student motivation, and english achievement. *The Modern Language Journal*, 92, 387–401.
- Biggs, J. B. (1987). *Student approaches to learning and studying*. Melbourne: Australian Council for Educational Research.
- Biggs, J., & Moore, P. (1993). *The process of learning*. 3rd ed. Sydney: Prentice Hall.
- Blackwell, L., Trzesniewski, K., & Dweck, C. (2007). Implicit theories of intelligence predict achievement across an adolescent transition: a longitudinal study and an intervention. *Child Development*, Vol. 78, No. 1, pp. 246-263.
- Blom, S., & Severiens, S. (2008). Engagement in self-regulated deep learning of successful immigrant and non-immigrant students in inner city schools. *European Journal of Psychology of Education*. Vol. 23, No. 1 (March 2008), pp. 41-58.
- Blumenfeld, P. C. (1992). Classroom learning and motivation: Clarifying and expanding goal theory. *Journal of Educational Psychology*, 84, 272-281.
- Boekaerts, M., & Corno, L. (2005). Self-regulation in the classroom: A perspective on assessment and intervention. *Applied Psychology*, 54(2), 199–231.
- Bower, G. H., & Hilgard, E. R. (1981). *Theories of learning*. 5th ed. Englewood Cliffs, NJ: Prentice-Hal.
- Boyle, E. A., Duffy, T., & Dunleavy, K. (2003). Learning styles and academic outcome: The validity and utility of vermunt's inventory of learning styles

in a british higher education setting. *British Journal of Educational Psychology*, 73(2), 267–290.

Brdar, I, Rijavec, M. & Loncaric, D. (2006). Goal orientations, coping with school failure and school achievement. *European Journal of Psychology of Education*, 21(1), 53-70.

Breen, R., & Lindsay, R. (2002). Different disciplines require different motivations for student success. *Research in Higher Education*, 43(6), 693–725.

Broussard, S. C., & Garrison, M. E. (2004). The Relationship between classroom motivation and academic achievement in elementary-school-aged children. *Family and Consumer Sciences Research Journal*, 33(2), 106–120.

Browne, M. W., Cudeck, R., & Bollen, K. A. (1993). Alternative ways of assessing model fit. *Sage Focus Editions*, 154, 136–136.

Bruner, J. S. (1961). The act of discovery. *Harvard Educational Review*, 31, 21-32.

Bruinsma, M. (2004). Motivation, cognitive processing and achievement in higher education. *Learning and Instruction*, 14(6), 549-568.

Busato, V. V., Prins, F. J., Elshout, J. J., & Hamaker, C. (2000). Intellectual ability, learning style, personality, achievement motivation and academic success of psychology students in higher education. *Personality and Individual Differences*, 29(6), 1057–1068.

Calero, M. D., García-Martín, M. B., Jiménez, M. I., Kazén, M., & Araque, A. (2007). Self regulation advantage for high-IQ children: Findings from a research study. *Learning & Individual Differences*, 17, 328–343. doi:10.1016/j.lindif.2007.03.012

Calvin, C. M., Deary, I. J., Webbink, D., Smith, P., Fernandes, C., Lee, S. H., ... Visscher, P. M. (2012). Multivariate genetic analyses of cognition and academic achievement from two population samples of 174,000 and 166,000 school children. *Behavior Genetics*, 42(5), 699–710.

Campione, J. C., Brown, A. L., & Connell, M. L. (1988). Metacognition: On the importance of understanding what you are doing. *The Teaching and Assessing of Mathematical Problem Solving*, 3, 93–114.

Caprara, G. V., Fida, R., Vecchione, M., Del Bove, G., 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.

- Carter, P. (2006). *The Complete Book of Intelligence Tests: 500 Exercises to Improve, Upgrade and Enhance Your Mind Strength*. John Wiley & Sons. Retrieved from <http://www.google.com/books>.
- Castejón, J. L., Gilar, R., & Pérez, A. M. (2006). Complex learning: The role of knowledge, intelligence, motivation and learning strategies. *Psicothema*, 18(4), 679–685.
- Cattell, R. B., & Cattell, A. K. S. (1973). *Measuring intelligence with the culture fair tests*. Institute for Personality and Ability Testing.
- Chamorro-Premuzic, T. (2007). *Personality and individual differences*. Oxford: Blackwell.
- Chamorro-Premuzic, T., & Furnham, A. (2004). A possible model to understand the personality-intelligence interface. *British Journal of Psychology*, 95, 249–264.
- Chamorro-Premuzic, T., & Furnham, A. (2008). Personality, intelligence and approaches to learning as predictors of academic performance. *Personality and Individual Differences*, 44(7), 1596–1603.
- Chen, C. C. (2002). Self-regulated learning strategies and achievement in an introduction to information systems course. *Information Technology, Learning, and Performance Journal*, 20(1), 11–23.
- Chen, C.H., & Wu, I.C. (2012). The interplay between cognitive and motivational variables in a supportive online learning system for secondary physical education. *Computer and Education*, 58, 542-550.
- Cheng ECK 2011. The role of self-regulated learning in enhancing learning performance. *The International Journal of Research and Review*, 6(1): 1-16.
- Chong, W. H. (2007). The role of personal agency beliefs in academic self-regulation: An asian perspective. *School Psychology International*, 28(1), 63–76.
- Costa, A. L. (1991). *Developing Minds: A Resource Book for Teaching Thinking*. Revised Edition, Volume 1. Retrieved from <http://eric.ed.gov/?id=ED332166>
- Coutinho, S.A. (2007). The relationship between goals, metacognition, and academic success. *Educate*, 7, 39-47.
- Coutinho, S.A. (2008). Self-efficacy, metacognition, and performance. *North American Journal of Psychology*, 10, 165-172.

- Crede, M., & Kuncel, N. R. (2008). Study habits, skills, and attitudes: The third pillar supporting collegiate academic performance. *Perspectives on Psychological Science*, 3, 425-454.
- Crocker, L., & Algina, J. (2008). *Introduction to classical and modern test theory*. Mason, OH: Cengage Learning.
- Dahl, R. E. (2004). Adolescent brain development: a period of vulnerabilities and opportunities. Keynote address. *Annals of the New York Academy of Sciences*, 1021(1), 1–22.
- Darling-Hammond, L. (2009). Steady work: How Finland is building a strong teaching and learning system. *The Evolving Federal Role*, 15.
- de Acedo Lizarraga, M. L. S., Ugarte, M. D., Iriarte, M. D., & de Acedo Baquedano, M. T. S. (2003). Immediate and long-term effects of a cognitive intervention on intelligence, self-regulation, and academic achievement. *European journal of psychology of education*, 18(1), 59-74.
- Deary, I. J., Strand, S., Smith, P., & Fernandez, C. (2007). Intelligence and educational achievement. *Intelligence*, 35, 13–21.
- DeKeyser, R. (1998). Beyond focus on form: Cognitive perspectives on learning and practicing second language grammar. *Focus on Form in Classroom Second Language Acquisition*, 42–63.
- De La Fuente, J. (2004). Recent perspectives in the study of motivation: Goal orientation theory. *Electronic Journal of Research in Education Psychology*, 2(1), 35-62.
- DeVellis, R.F. (2003). *Scale development: Theory and applications* (2nd ed.). Thousand Oaks: Sage Publications.
- Dewey, J. (1960). *How we think: A restatement of the relation of reflective thinking to the educative process (New Edition)*. Lexington, MA: D. C. Heath and Company. (Original work published 1933).
- Dignath, C., Buettner, G., & Langfeldt, H.-P. (2008). How can primary school students learn self-regulated learning strategies most effectively?: A meta-analysis on self-regulation training programmes. *Educational Research Review*, 3(2), 101–129.
- Dina, F., & Efklides, A. (2009). Student profiles of achievement goals, goal instructions and external feedback: Their effect on mathematical task performance and affect. *European Journal of Education and Psychology*, 2, 235-262.
- Diseth, A. (2002). The relationship between intelligence, approaches to learning and academic achievement. *Scandinavian Journal of Educational Research*, 46(2), 219–230.

- Diseth, A. (2003). Personality and approaches to learning as predictors of academic achievement. *European Journal of personality*, 17(2), 143–155.
- 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. sz. 290–310.
- Driscoll, M. P. (2000). Introduction to theories of learning and instruction. *Psychology of Learning for Instruction*, 3–28.
- Duffy, T. M. & Jonassen, D. (Eds.). (1992). *Constructivism and the technology of instruction: A conversation*. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Dunlosky, J., & Metcalfe, J. (2009). *Metacognition*. Beverly Hills, CA: Sage.
- Du Toit, S., & Kotze, G. (2009). Metacognitive strategies in the teaching and learning of mathematics. [Electronic version]. *Pythagoras*, 70, 57-67.
- Dweck, C. S., & Leggett, E. L. (1988). A social-cognitive approach to motivation and personality. *Psychological Review*, 95, 256-273.
- Eccles, J. S., & Wigfield, A. (1995). In the mind of the achiever: The structure of adolescents' academic achievement related-beliefs and self-perceptions. *Personality and Social Psychology Bulletin*, 21, 215-225.
- Eccles, J. S., & Wigfield, A. (2002). Motivational beliefs, values, and goals. *Annual Review of Psychology*, 53, 109-132.
- Edwards, C. (2004). *Classroom management and discipline* (4th Ed.). New York: John Wiley & Sons.
- Efkliides, A. (2011). Interaction of metacognition with motivation and affect in self-regulated learning: The MASRL model. *Educational Psychologist*, 46(1), 6-25.
- Ekinci, B. (2014). The relationships among sternberg's triarchic abilities, gardner's multiple intelligences, and academic achievement. *Social Behavior and Personality: An International Journal*, 42(4), 625–633.
- Elias, S. M. & Loomis, R. J. (2002). Utilizing need for cognition and perceived selfefficacy to predict academic performance. *Journal of Applied Social Psychology*, 32(8), 1687-1802.
- Elliott, E. S., & Dweck, C. S. (1988). Goals: An approach to motivation and achievement. *Journal of Personality and Social Psychology*, 54, 5-12.
- Elliot, A. J., Shell, M. M., Henry, K. B., & Maier, M. A. (2005). Achievement goals, performance contingencies, and performance attainment: An experimental test. *Journal of Educational Psychology*, 97(4), 630.

- Entwistle, N. J., & Peterson, E. R. (2004). Conceptions of learning and knowledge in higher education: Relationships with study behaviour and influences of learning environments. *International Journal of Educational Research*, 41(6), 407–428.
- Ertmer, P.A., & Newby, T.J. (1993). Behaviorism, cognitivism, constructivism: Comparing critical features from an instructional design perspective. *Performance Improvement Quarterly*, 26 (2), pp. 43-71.
- Fagan, J. F., Holland, C. R., & Wheeler, K. (2007). The prediction, from infancy, of adult IQ and achievement. *Intelligence*, 35(3), 225- 231.
- Farrell, A. M. (2010). Insufficient discriminant validity: A comment on Bove, Pervan, Beatty, and Shiu (2009). *Journal of Business Research*, 63(3), 324-327.
- Farsides, T., & Woodfield, R. (2003). Individual differences and undergraduate academic success: The roles of personality, intelligence, and application. *Personality and Individual Differences*, 34(7), 1225–1243.
- Fatimah, S., & Fasikhah, S. S. (2013). Self-regulated learning (SRL) dalam meningkatkan prestasi akademik pada mahasiswa. *Jurnal Ilmiah Psikologi Terapan (JIPT)*, 1(1).
- Ferla, J., Valcke, M., & Schuyten, G. (2010). Judgments of self-perceived academic competence and their differential impact on students' achievement motivation, learning approach, and academic performance. *European Journal of Psychology of Education*, 25, 519–536.
- Flavell, J.H. (1979). Metacognition and cognitive monitoring: A New area of cognitive-developmental inquiry. *American Psychologist*, 34(10), 906-911.
- Flavell, J. H. (2004). Theory-of-mind development: Retrospect and prospect. *Merrill-Palmer Quarterly*, 50(3), 274–290.
- Fornell, C., Larcker, D.F., 1981. Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research*, 18 (1), 39-50.
- Frenzel, A. C., Goetz, T., Pekrun, R., & Watt, H. M. G. (2010). Development of mathematics interest in adolescence: Influences of gender, family, and school context. *Journal of Research on Adolescence*, 20, 507–537. doi:10.1111/j.1532-7795.2010.00645.x
- Furnham, A., & Chamorro-Premuzic, T. (2004). Personality and intelligence as predictors of statistics examination grades. *Personality and Individual Differences*, 37, 943-955.

- Furnham, A., Chamorro-Premuzic, T., & McDougall, F. (2002). Personality, cognitive ability, and beliefs about intelligence as predictors of academic performance. *Learning and Individual Differences*, 14(1), 47–64.
- Furst, E. (1994). "Bloom's Taxonomy: Philosophical and educational issues." Dalam L. Anderson, & L. Sosniak (Eds.). *Bloom's taxonomy: A forty-year retrospective* (pp.28-40). Chicago: The National Society for the Study of Education.
- Gagné, F., & St Père, F. (2002). When IQ is controlled, does motivation still predict achievement?. *Intelligence*, 30(1), 71-100.
- Garrido-Vargas, M. (2012). *Relationship of Self-Regulated Learning and Academic Achievement among English Language Learners*. In the Graduate College. The university of Arizona.
- Gettinger, M., & Seibert, J. K. (2002). Contributions of study skills to academic competence. *School Psychology Review*, 31(3), 350–365.
- Goetz, T., Frenzel, A.C., Hall, N.C., & Pekrun, R. (2008). Antecedents of academic emotions: Testing the internal/external frame of reference model for academic enjoyment. *Contemporary Educational Psychology*, 39, 9-33.
- Gomes, C. M. A., Golino, H. F., & Menezes, I. G. (2014). Predicting School Achievement Rather than Intelligence: Does Metacognition Matter?. *Psychology*, 5(9), 1095.
- Good, T. L. & Brophy, J. E. (2003). *Looking in classrooms* (9th edition). Boston: Allyn & Bacon.
- Gore, P.A. (2006). Academic self-efficacy as a predictor of college outcomes: Two incremental studies. [Electronic version]. *Journal of Career Assessment*, 14, 92-115.
- Greeno, J. G., Collins, A. M., & Resnick, L. B. (1996). Cognition and learning. In D. C. Berliner & R. C. Calfee (Eds.), *Handbook of educational psychology* (pp. 15–46). New York: Simon & Schuster Macmillan.
- Grigorenko, E. L., Jarvin, L., Diffley III, R., Goodyear, J., Shanahan, E. J., & Sternberg, R. J. (2009). Are SSATS and GPA enough? A theory-based approach to predicting academic success in secondary school. *Journal of Educational Psychology*, 101(4), 964.
- Grigorenko, E. L., & Sternberg, R. J. (2001). Analytical, creative, and practical intelligence as predictors of self-reported adaptive functioning: A case study in Russia. *Intelligence*, 29(1), 57-73.

- Grolnick, W. S., & Kurowski, C. O. (1999). Family processes and the development of children's self-regulation. *Educational Psychologist*, 34(1), 3–14.
- Haahr, J.H. , Neilsen, T.K., Hansen, M.E., & Jakobsen, S.T. (2005). *Explaining Student Performance: Evidence from the international PISA, TIMSS and PIRLS surveys*. Danish Technological Institute.
- Hailikari, T., Nevgi, A., & Komulainen, E. (2008). Academic self-beliefs and prior knowledge as predictors of student achievement in mathematics: A structural model. *Educational Psychology*, 59-71.
- Hair, J., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate data analysis* (7th ed.). Upper saddle River, New Jersey: Pearson Education International.
- Hair, Jr., J. F., Black, W. C., Babin, B. J., Anderson, R. E., & Tatham, R. L. (2006). *Multivariate Data Analysis* (6th ed.). Upper Saddle River, NJ: Pearson Prentice Hall.
- Hasil UN SMP – Puluhan Siswa SMPN 5 Menangis. (2010, Mei). *Koran Baru Suara Indonesia*. Diunduh dari <http://www.koranbaru.com> tanggal 14 Mei 2013
- Hattie, J. A. C. (2012). *Visible learning for teachers*. London, UK: Routledge.
- Hidi, S., & Harackiewicz, J. M. (2000). Motivating the academically unmotivated: A critical issue for the 21 t century. *Review of Educational Research*, 70, 151- 179.
- Ho, S. C. (2004). Self-regulated learning and academic achievement of Hong Kong secondary school students. *Education Journal*, 32(2), 87–107.
- Hong, E., & Peng, Y. (2008). Do Chinese students' perceptions of test value affect test performance? Mediating role of motivational and metacognitive regulation in test preparation. *Learning and Instruction*, 18(6), 499–512.
- Hood, M., Creed, P.A., & Neumann, D.L. (2012). Using the expectancy value model of motivation to understand the relationship between student attitudes and achievement in Statistics. *Statistics Education Research Journal*, 11(2), 72-85.
- Horn, J. L. (1989). Models for intelligence. In R. Linn (Ed.), *Intelligence: Measurement theory and public policy* (pp. 29 –73). Urbana, IL: University of Illinois Press.
- Horn, J. L., & Cattell, R. B. (1967). Age differences in fluid and crystallized intelligence. *Acta Psychologica*, 26, 107-129.

- Hsieh, P., Sullivan, J. R., & Guerra, N. S. (2007). A closer look at college students: Selfefficacy and goal orientation. *Journal of Advanced Academics*, 18(3), 454-476.
- Indonesia, P. R. (2003). *Undang-Undang Republik Indonesia Nomor 20 Tahun 2003 Tentang Sistem Pendidikan Nasional*.
- Inilah pelajaran yang mengganjal kelulusan UN. (2010, April). *Suara Indonesia*. Diunduh dari <http://www.suaraindonesia.com> tanggal 14 Mei 2013
- Isaacson, R.M., & Fujita, F. (2006). Metacognitive knowledge monitoring and self-regulated learning: Academic success and reflections on learning. *Journal of The Scholarship of Teaching and Learning for Research in Education*, No. 27, 57-72.
- Ismail, N.S., & Anwang, H. (2009). Differences in mathematics achievement among eight grade studies in Malaysia. *Journal International Education Studies*, 2 : 8-11.
- Iversen, I. H. (1992). Skinner's early research: From reflexology to operant conditioning. *American Psychologist*, 47(11), 1318.
- Jen, C.S., & Yong, B.C.S. (2013). Secondary school students' motivation and achievement in combined science. *US-China Education Review*, Vol. 3, No.4, 213-228. ISSN 2161-6248.
- Johnson, J., Im-Bolter, N., & Pascual-Leone, J. (2003). Development of mental attention in gifted and mainstream children: The role of mental capacity, inhibition, and speed of processing. *Child Development*, 74(6), 1594-1614. doi: 10.1046/j.1467-8624.2003.00626.x
- Jonassen, D. H. (1991). Objectivism vs. constructivism: Do we need a new philosophical paradigm? *Educational Technology: Research and Development*, 39(3), 5-14.
- Joreskog, K.G., & Goldberger, A.S. (1972). Factor analysis by generalized least squares. *Psychometrika*, 37, 243–260.
- Kahle, J. B., & Meece, J. (1994). Research on gender issues in the classroom. *Handbook of Research on Science Teaching and Learning*, 542–557.
- Kaplan, A., Lichtinger, E., & Gorodetsky, M. (2009). Achievement goal orientations and self-regulation in writing: An integrative perspective. *Journal of Educational Psychology*, 101(1), 51.
- Kaplan, A., & Maehr, M. L. (1999). Achievement goals and student well-being. *Contemporary Educational Psychology*, 24, 330 –358.

- Kaplan, A., & Midgley, C. (1997). The effect of achievement goal: Does level of perceived academic-competence make a difference? *Contemporary Educational Psychology*, 22(4), 415-435.
- Karabenick, S. A. (2004). Perceived Achievement Goal Structure and College Student Help Seeking. *Journal of Educational Psychology*, 96(3), 569-581. doi: 10.1037/0022-0663.96.3.569
- Karimi, A., & Venkatesen, S. (2009). Mathematics anxiety, mathematics performance and academic hardiness in high school students. *International Journal of Educational Science*, 1 : 33-37.
- Keiichi, S. (2000). Metacognition in Mathematics Education. *Mathematics Education in Japan*.
- Khatoon, T., & Mahmood, S. (2010). Mathematics anxiety among secondary school students in India and its relationship to achievement in mathematics. *European Journal of Social Science*, 16, 75-86.
- Kintsch, W. (1994). Text comprehension, memory, and learning. *American Psychologist*, 49, 294–303.
- Kitsantas, A., Winsler, A., & Huie, F. (2008). self-regulation and ability predictors of academic success during college: A predictive validity study. *Journal of Advance Academics* 20(1), 42-68.
- Kline, R.B. (2005). *Principle and Practice of Structural Equation Modeling*. NY: The Guilford Press.
- Kline, R. B. (2011). *Principles and Practice of Structural Equation Modeling*. 3rd edition. NY: The Guilford Press.
- Klomegah, R.Y. (2007). Predictors of academic performance of university students: An application of the goal efficacy model. *College Student Journal*, 41(2), 407-415.
- Kozlowski, S. W. J., & Salas, E. (Eds.). (2010). *Learning, training, and development in organizations*. New York, NY: Taylor and Francis Group.
- Krause, K. L., Bochner, S., & Duchesne, S. (2003). *Educational psychology for learning and teaching*. Australia: Thomson.
- Krapp, A. (2005). Basic needs and the development of interest and intrinsic motivational orientations. *Learning and Instruction*, 15(5), 381–395.
- Kristiyani, T. (2014). *Cara belajar siswa SMP*. (Laporan survei lapangan tidak dipublikasikan).
- Kristiyani, T., & Adiyanti, M. G. (2008). *Efektifitas pelatihan self-regulated learning dalam meningkatkan prestasi belajar statistik II pada mahasiswa*

fakultas psikologi. (Tesis tidak dipublikasikan). Fakultas Psikologi Universitas Gadjah Mada, Yogyakarta.

- Kruse, J. (2009). Learning theories: Pillars of teacher decision-making. *Iowa Science Teachers Journal*, 36(2), 2–7.
- Ku, K.Y.L., & Ho, I.T. (2010). Metacognitive strategies that enhance critical thinking. *Metacognition and Learning*, 5: 251-267.
- Kuncel, N. R., Hezlett, S. A., & Ones, D. S. (2004). Academic performance, career potential, creativity, and job performance: Can one construct predict them all? *Journal of Personality and Social Psychology*, 86(1), 148.
- Laidra, K., Pullmann, H., & Allik, J. (2007). Personality and intelligence as predictors of academic achievement: A cross-sectional study from elementary to secondary school. *Personality and Individual Differences*, 42(3), 441–451.
- Lawanto, O., & Santoso, H. (2013). Self-regulated learning strategies of engineering college students while learning electric circuit concepts with enhanced guided notes. *International Education Studies*, 6(3), p88.
- Law, Y., Chan, C. K., & Sachs, J. (2008). Beliefs about learning, self-regulated strategies and text comprehension among Chinese children. *British Journal of Educational Psychology*, 78(1), 51–73.
- Lemos, M.S., & Verissimo, L. (2014). The relationships between intrinsic motivation, extrinsic motivation, and achievement along elementary school. *Procedia-Social and Behavioral Sciences*, 42, 930-938.
- Lepper, M.R., Corpus, J.N., & Iyengar, S.S. (2005). Intrinsic and extrinsic motivational orientations in the classroom: Age differences and academic correlates. *Journal of Educational Psychology*, Vol. 97, No.2, 184-196.
- Lepper, M. R., & Henderlong, J. (2000). Turning “play” into “work” and “work” into “play”: 25 years of research on intrinsic versus extrinsic motivation. Dalam C. Sansone & J. M. Harackiewicz (Eds.), *Intrinsic and extrinsic motivation: The search for optimal motivation and performance* (pp. 257-307). San Diego: Academic Press.
- Li, J., & Chun, C. K. (2012). Effects of learning strategies on student reading literacy performance. *Reading Matrix: An International Online Journal*, 12(1), 30-38. (EJ994900).
- Linnenbrink, E. A. (2005). The dilemma of performance-approach goals: The use of multiple goal contexts to promote students’ motivation and learning. *Journal of Educational Psychology*, 97, 197–213.

- Linnenbrink, E. A., & Pintrich, P. R. (2002a). Achievement goal theory and affect: An asymmetrical bidirectional model. *Educational Psychologist*, 37(2), 69–78.
- Linnenbrink, E. A., & Pintrich, P. R. (2002b). Motivation as an enabler for academic success. *School Psychology Review*, 31(3), 313–327.
- Lonka, K., Olkinuora, E., & Mäkinen, J. (2004). Aspects and prospects of measuring studying and learning in higher education. *Educational Psychology Review*, 16(4), 301–323.
- Lounsbury, J. W., Sundstrom, E., Loveland, J. M., & Gibson, L. W. (2003). Intelligence, “Big Five” personality traits, and work drive as predictors of course grade. *Personality and Individual Differences*, 35(6), 1231–1239.
- Loyens, S. M. M., Rikers, R. M. J. P., & Schmidt, H. G. (2007). Students' conceptions of distinct constructivist assumptions. *European Journal of Psychology of Education*, 12, 179–199.
- Lynch, D.J. (2006). Motivational factors, learning strategies and resource management as predictors of course grades. *College Student Journal*, 40(2), 423–428.
- Lynch, D.J. (2010). Motivational beliefs and learning strategies as predictors of academic performance in college physics. [Electronic version]. *College Student Journal*, 44, 8–15.
- Lynn, M.R. (1986). Determination and quantification of content validity. *Nursing Research*, 35, 382–385.
- Maehr, M., & Midgley, C. (1991). Enhancing student motivation: a schoolwide approach. *Educational Psychology*, 26:399–427.
- Majid, S., & Tan, V. (2007). Understanding the reading habits of children in Singapore. *Journal of Educational Media and Library Sciences*, 45(2), 187.
- Marchis, I., & Balogh, T. (2010). Secondary school pupils' self-regulated learning skills. *Acta Didactica Napocensia*, 3(3).
- Mariani, D. A. (2007). *Peran belajar berdasarkan regulasi diri dan gaya belajar terhadap prestasi belajar matematika siswa sekolah menengah atas*. (Tesis tidak dipublikasikan). Fakultas Psikologi Universitas Gadjah Mada, Yogyakarta.
- Marshall, H. H. (Ed.). (1992). *Redefining student learning: Roots of educational change*. Norwood, NJ: Ablex.
- Martín, E., Martínez-Arias, R., Marchesi, A., & Pérez, E.M. (2008). Variables that predict academic achievement in the spanish Compulsory Secondary

Educational system: A longitudinal, multi-level analysis. *The Spanish Journal of Psychology*, 11(2), 400-413.

Maruyama, G. M. (1998). *Basics of structural equation modeling*. Thousand Oaks, CA : Sage Publication.

Marzano R. J., (1992) *A different kind of classroom : Teaching with dimensions of learning*. Alexandria VA : Association for Supervision and Curriculum Development.

Marzano, R. J., & Kendall, J. S. (2007). *The New Taxonomy of Educational Objectives*. (2nd ed). Thousand Oaks, CA: Corwin Press.

Mattern, R. A. (2005). College students' goal orientations and achievement. *International Journal of Teaching and Learning in Higher Education*, 17(1), 27–32.

Matuga, J.M. (2009). Self-regulation, goal orientation, and academic achievement of secondary students in online university courses. *Journal of Educational Technology and Society*, Vol. 12, No. 3, pp. 4-11.

Mayer, R. E. (1998). Cognitive, metacognitive, and motivational aspects of problem solving. *Instructional Science*, 26(1-2), 49–63.

Mayer, R. E., & Wittrock, M. C. (1996). Problem-solving transfer. Dalam D. C. Berliner, & R. C. Calfee (eds.), *Handbook of educational psychology* (pp. 47–62). NewYork: Macmillan.

Mayes, S. D., & Calhoun, S. L. (2007a). Wechsler intelligence scale for children-third and - fourth edition predictors of academic achievement in children with attention-deficit/hyperactivity disorder. *School Psychology Quarterly*, 22(2), 234-249.

Mayes, S. D., & Calhoun, S. L. (2007b). Learning, attention, writing, and processing speed in typical children and children with ADHD, autism, anxiety, depression, and oppositional-defiant disorder. *Child Neuropsychology: A Journal on Normal and Abnormal Development in Childhood and Adolescence*, 13(6), 469-493.

McClelland, M. M., Acock, A. C., & Morrison, F. J. (2006). The impact of kindergarten learning-related skills on academic trajectories at the end of elementary school. *Early Childhood Research Quarterly*, 21, 471–490. doi:10.1016/j.ecresq.2006.09.003

McInerney, D. M., Hinkley, J., Dowson, M., & Van Etten, S. (1998). Aboriginal, Anglo, and immigrant Australian students' motivational beliefs about personal academic success: Are there cultural differences? *Journal of Educational Psychology*, 90(4), 621.

- McMahon, S. D., Rose, D., & Parks, M. (2004). Multiple intelligences and reading achievement: An examination of the teele inventory of multiple intelligences. *The Journal of Experimental Education*, 73, 41-52.
- Md. Yunus, A.S., & Ali, W.Z.W. (2008). Metacognition and motivation in mathematical problem solving. *The International Journal of Learning*, 15 (3), 121-131.
- Meece, J. L., Anderman, E. M., & Anderman, L. H. (2006). Classroom goal structure, student motivation, and academic achievement. *Annual Review Of Psychology*, 57, 487-503.
- Meichenbaum, D., & Asarnow, J. (1979). Cognitive-behavioral modification and metacognitive development: Implications for the classroom. *Cognitive-Behavioral Interventions: Theory, Research, and Procedures*, 11–35.
- Metallidou, P. (2012). Epistemological beliefs as predictors of self-regulated learning strategies in middle school students. *School Psychology International*, 34(3), 283-298.
- Metallidou, P., & Vlachou, A. (2010). Children's self-regulated learning profile in language and mathematics: The role of task value beliefs. *Psychology in the Schools*, 47(8), 776–788.
- Middleton, M.J., & Midgley, C. (1997). Avoiding the demonstration of lack of ability: Underexplorer aspect of goal theory. *Journal of Educational Psychology*, 89(4), 710-718.
- Middleton, J. A., & Spanias, P. A. (1999). Motivation for achievement in mathematics: Findings, generalizations, and criticisms of the research. *Journal for Research in Mathematics Education*, 65–88.
- Moshman, D. (1990). Rationality as a goal of education. *Educational Psychology Review*, 2(4), 335–364.
- Mousoulides, N., & Philippou, G. (2005). Students' motivational beliefs, self-regulation strategies and mathematics achievement. *Proceeding of the 29th Conference of the Interaction Group for the Psychology of Mathematics Education*, (3), 321-328. Melbourne : PME.
- Muis, K. R. (2007). The role of epistemic beliefs in self-regulated learning. *Educational Psychologist*, 42(3), 173–190.
- Murray, J. (2013). The factors that influence mathematics achievement at the Berbise campus. *International Journal of Business and Social Science*, Vol. 4, No. 10, August 2013, pp. 150-164.
- Murayama, K., Pekrun, R., Lichtenfeld, S., & Hofe, R.V. (2012). Predicting long-term growth in students' mathematics achievement: The unique

contributions of motivation and cognitive strategies. *Child Development*, pp. 1-16. doi: 10.1111/edev.12036

Naderi, H., Abdullah, R., Hamid, T., Sharif, J; & Kumar, V. (2009). Intelligence, creativity and gender as predictors of academic achievement among undergraduate students. *Journal of American Science*, 5 (3), 8-19.

Naderi, H., Abdullah, R., & Tengku Aizan, H. (2008). Male Versus Female Intelligence among Undergraduate Students: Does Gender Matter? *Asian Journal of Scientific Research*, 1: 539-543.

Neuman, W. L., & Kreuger, L. (2003). *Social work research methods: Qualitative and quantitative approaches*. Allyn and Bacon.

Neuville, S., Frenay, M., & Bourgeois, E. (2007). Task value, self-efficacy and goal orientations: Impact on self-regulated learning, choice and performance among university students. *Psychologica Belgica*, 47(1-2), 95-117.

Nicholls, J. G. (1984). Achievement motivation: Conceptions of ability, subjective experience, task choice, and performance. *Psychological Review*, 91, 328-346.

Niemezyk, M., & Savenye, N. (2005). Self-regulation in computers literacy course. *Academic Exchange Quarterly*, 9 (4).

O'Connor, M., & Paunonen, S. (2007). Big five personality predictors of post-secondary academic performance. *Personality and Individual Differences*, 43, 971–990.

Onuka, A.O.U., & Durowoju, E.O. (2011). Motivation and gender as determinants of achievement in senior secondary school economics. *European Journal of Educational Studies*, 3(2), 209-216.

Oortwijn, M. B., Boekaerts, M., Vedder, P., & Strijbos, J.-W. (2008). Helping behaviour during cooperative learning and learning gains: The role of the teacher and of pupils' prior knowledge and ethnic background. *Learning and Instruction*, 18(2), 146–159.

Onyeizugbo, E.U. (2010). Self-efficacy and tes anxiety as correlates of academic performance. *Educational Research*, 1(10), 477-480.

Organisation for Economic Co-operation and Development. (2013). *PISA 2012 assessment and analytical framework: mathematics, reading, science, problem solving and financial literacy*. OECD.

Ormrod, J. E. (2000). *Educational psychology: Developing learners*. Upper saddle River, New Jersey: Merrill Prentice Hall.

- Pal-inars, A.S. (1998). Social constructivist perspectives on teaching and learning. *Annual Review of Psychology*, 49:345-75.
- Palmer, D. (2005). A Motivational View of Constructivist informed Teaching. *International Journal of Science Education*, Vol. 27, No. 15, 16 December 2005, pp. 1853–1881.
- Palos, R., Munteanu, A., Costea, I., & Macsinga, I. (2011). Motivational and cognitive variables with impact on academic performance: Preliminary study. [Electronic version]. *Procedia Social and Behavioural Sciences*, 15, 138-142.
- Patrick, H., Ryan, A. M., & Kaplan, A. (2007). Early adolescents' perceptions of the classroom social environment, motivational beliefs, and engagement. *Journal of Educational Psychology*, 99(1), 83.
- Paulhus, D.L. (1991). Measurement and control of response bias. Dalam Paulhus, Delroy L. Robinson, John P. (Ed); Shaver, Phillip R. (Ed); Wrightsman, Lawrence S. (Ed), (1991). *Measures of personality and social psychological attitudes. Measures of social psychological attitudes*, Vol. 1., (pp. 17-59). San Diego, CA, US: Academic Press, xiv, 753.
- Peer, E., & Gamliel, E. (2011). Too reliable to be true? Response bias as a potential source of inflation in paper-and-pencil questionnaire reliability. *Practical Assessment, Research & Evaluation*, 16(9), 1-8.
- Peetsma, T., Hascher, T., Veen, I., & Roede, E. (2005). Relations between adolescents' self-evaluations, time perspectives, motivation for school and their achievement in different countries and at different ages. *European Journal at Psychology of Education*, Vol. 20, No 3, 209-225.
- Pekrun, R., Goetz, T., Titz, W., & Perry, R. P. (2002). Academic emotions in students' self-regulated learning and achievement: A program of qualitative and quantitative research. *Educational Psychologist*, 37(2), 91–105.
- Pekrun, R., & Schutz, P. A. (2007). Where do we go from here? Implications and future directions for inquiry on emotions in education. *Emotion in Education*, 313–331.
- Peña-López, I., & others. (2012). *PISA 2012 Assessment and Analytical Framework. Mathematics, Reading, Science, Problem Solving and Financial Literacy*. Retrieved from <http://ictlogy.net/bibliography/reports/projects.php?idp=2375>
- Pendidikan, B. S. N. (2006). *Standar isi untuk satuan pendidikan dasar dan menengah*. Jakarta: BSNP.

- Peterson, S.E., & Schreiber, J.B. (2006). An attributional analysis of personal and interpersonal motivation for collaborative projects. *Journal of Educational Psychology*, Vol. 98, No.4, 777-787.
- Phillips, D. C. (1997). How, why, what, when and where: perspectives on constructivism in psychology and education. *Issues in Education*, 3(2), 151-194.
- Phye, G. D. (1997). Learning and remembering: The basis for personal knowledge construction. *Handbook of Academic Learning: Construction of Knowledge*, 47-64.
- Pintrich, P. R. (1999). The role of motivation in promoting and sustaining self-regulated learning. *International Journal of Educational Research*, 31(6), 459-470.
- Pintrich, P.R. (2000). The role of goal orientation in self-regulated learning. Dalam M. Boekaerts, P.R. Pintrich, & M. Zeidner (Eds.), *Handbook of Self-Regulation*, (pp. 451-502) San Diego, CA: Academic Press.
- Pintrich, P. R. (2002). The role of metacognitive knowledge in learning, teaching, and assessing. *Theory Into Practice*, 41(4), 219-225.
- Pintrich, P. R. (2003). A motivational science perspective on the role of student motivation in learning and teaching contexts. *Journal of Educational Psychology*, 95, 667-686.
- Pintrich, P. R. (2004). A Conceptual framework for assessing motivation and self-regulated learning in college students. *Educational Psychology Review*, 16(4), 385-407.
- Pintrich, P.R., & Garcia, T. (1991). Student goal orientation and self-regulation in the college classroom. Dalam M.L. Maehr, & P.R. Pintrich (Eds.), *Advances in motivation and achievement: Goals and self-regulatory processes*, (Vol.7, pp. 371- 402). Greenwich, CT: JAI Press.
- Pintrich, P. R., & Schrauben.(1992). Students' motivational beliefs and their cognitive engagement in classroom academic tasks. *Student Perceptions in the Classroom*, 149-183.
- 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.
- Pintrich, P. R., Marx, R. W., & Boyle, R. A. (1993). Beyond cold conceptual change: The role of motivational beliefs and classroom contextual factors in the process of conceptual change. *Review of Educational research*, 63(2), 167-199.

- Pintrich, P.R., & Schunk, D. H. (2002). *Motivation in education: Theory, research and applications*. Upper saddle River, New Jersey: Merrill Prentice Hall.
- Pintrich, P. R., Smith, D. A. F., Garcia, T., & McKeachie, W. J. (1993). Reliability and predictive validity of the Motivated Strategies for Learning Questionnaire (MSLQ). *Educational and Psychological Measurement*, 53, 801-813.
- Plante, I., O’Keefe, P. A., & Théorêt, M. (2013). The relation between achievement goal and expectancy-value theories in predicting achievement-related outcomes: A test of four theoretical conceptions. *Motivation and Emotion*, 37(1), 65-78.
- Purdie, N., & Hattie, J. (1996). Cultural differences in the use of strategies for self-regulated learning. *American Educational Research Journal*, 33(4), 845-871.
- Rahman, S., & Phillips, J. A. (2006). Hubungan antara kesadaran metakognisi, motivasi dan pencapaian akademik pelajar universiti. *Jurnal Pendidikan*, 31, 21-39.
- Ramdass, D., & Zimmerman, B. J. (2011). Developing self-regulation skills: The important role of homework. *Journal of Advanced Academics*, 22(2), 194-218.
- Rawsthorne, L. J., & Elliot, A. J. (1999). Achievement goals and intrinsic motivation: A meta-analytic review. *Personality and Social Psychology Review*, 3, 326-344.
- Richardson, J. T. (2005). Students’ approaches to learning and teachers’ approaches to teaching in higher education. *Educational Psychology*, 25(6), 673-680.
- Robbins, S. B., Lauver, K., Le, H., Davis, D., Langley, R., & Carlstrom, A. (2004). Do psychosocial and study skill factors predict college outcomes? A meta-analysis. *Psychological Bulletin*, 130(2), 261.
- Roebken, H. (2007). The influence of goal orientation on student satisfaction, academic engagement and achievement. *Electronic Journal of Research in Educational Psychology*, 5 (3) (2007), pp. 679-704.
- Rohde, T. E., & Thompson, L. A. (2007). Predicting academic achievement with cognitive ability. *Intelligence*, 35(1), 83-92.
- Ryan, R. M., & Connell, J. P. (1989). Perceived locus of causality and internalization: examining reasons for acting in two domains. *Journal of Personality and Social Psychology*, 57(5), 749.
- Ryan, R. M., & Deci, E. L. (2009). Promoting self-determined school engagement. *Handbook of Motivation at School*, 171-195.

- Sansone, C., & Thoman, D. B. (2005). Interest as the Missing Motivator in Self-Regulation. *European Psychologist*, 10(3), 175.
- Saptoto, R. (2012). Perbedaan Waktu Pemberian Jawaban dan Hasil Tes Inteligensi Ditinjau dari Perbedaan Lembar Jawaban. *Jurnal Psikologi*, 39(2), 220-230.
- Schleifer, L.L.F., & Dull, R.B. (2009). Metacognition and performance in the accounting classroom. *Issue in Accounting Education*, 24, 339-367.
- Schneider, W. (2008). The development of metacognitive knowledge in children and adolescents: Major trends and implications for education. *Mind, Brain, and Education*, 2(3), 114–121.
- Schumacker, R. E. & Lomax, R. G. (2010). *A beginner's guide to structural equation modeling* (3rd ed.). New York: Routledge.
- Schunk, D. H. (1991). Self-efficacy and academic motivation. *Educational Psychologist*, 26(3-4), 207–231.
- Schunk, D. H. (1996). Social cognitive learning. *Learning Theories: An Educational Perspective*, 101–142.
- Schunk, D.H. (2008). *Learning theories: An educational perspective*. 5th ed. Upper Saddle River: Pearson Education, Inc.
- Schunk, D. H. (2008). Metacognition, self-regulation, and self-regulated learning: Research recommendations. *Educational Psychology Review*, 20(4), 463–467.
- Schunk, D. H., & Pajares, F. (2004). Self-efficacy in Education revisited. *Big Theories Revisited*, 4, 115.
- Schunk, D., Pintrich, P.R., and Meece, J.D. (2008). *Motivation in education: Theory, research, and applications* (3rd ed). New Jersey: Pearson.
- Schunk, D.H., & B.J. Zimmerman (Eds.), (1994) *Self-Regulation of Learning And Performance. Issues and Educational Applications* (pp. 75-99). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Schwinger, M., Steinmayr, R., & Spinath, B. (2009). How do motivational regulation strategies affect achievement: Mediated by effort management and moderated by intelligence. *Learning and Individual Differences*, 19(4), 621–627.
- Semmar, Y. (2006). An exploratory study of motivational variables in foreign language learning. *Journal of Language and Learning*, 5(1), 118-132.

- Sen, S., Yilmaz, A., & Yurdugul, H. (2004). An Evaluation of the pattern between students' motivation, learning strategies, and their epistemological beliefs: The mediator role of motivation. *Science Education International*, Vol. 24, Issue 3, 312-331.
- Shadiq, F. (2007). *Apa dan mengapa matematika begitu penting*. Yogyakarta: Departemen Pendidikan Nasional.
- Shell, D.F., & Husman, J. (2008). Control, motivation, affect, and strategic self-regulation in the college classroom: A multidimensional phenomenon. *Journal of Education Psychology*, 100, 443-459.
- Shuell, T. J. (1986). Cognitive conceptions of learning. *Review of Educational Research*, 56(4), 411-436.
- Singh, K., Granville, M., & Dika, S. (2002). Mathematics and science achievement: Effects of motivation, interest, and academic engagement. *The Journal of Educational Research*, 95(6), 323-332.
- Siswa anggap soal UN Bahasa Indonesia sulit. (2012, April). *Tempo*. Diunduh dari <http://www.tempo.co.id> tanggal 14 Mei 2013
- Skaalvik, S., & Skaalvik, E.M. (2005). Self-concept, motivational orientation, and help-seeking behavior in mathematics: A study of adults returning to high school. *School Psychology of Education*, 8, 285-302.
- Skaalvik, E. M., & Skaalvik, S. (2006). Self-concept and self-efficacy in mathematics: Relation with mathematics motivation and achievement. Dalam *Proceedings of the 7th international conference on Learning sciences* (pp. 709-715). International Society of the Learning Sciences.
- Slavin, R.E. (2003). *Educational psychology: Theory and practice*. (7th ed). Boston : Allyn and Bacon.
- Slavin, R. E. (2009). Cooperative learning. Dalam G. McCulloch & D. Crook (Eds.), *International encyclopedia of education*. Abington, UK: Routledge.
- Slavin, R. E., & Davis, N. (2006). *Educational psychology: Theory and practice*. Boston: Pearson Education.
- Smrtnik-Vitulić, H., & Prosen, S. (2012). Personality and cognitive abilities as predictors of university students' academic achievement. *Društvena istraživanja-Časopis Za Opća Društvena Pitanja*, (3), 715-732.
- Snelgrove, S., & Slater, J. (2003). Approaches to learning: Psychometric testing of a study process questionnaire. *Journal of Advanced Nursing*, 43, 496-505.
- Snyderman, M., & Rothman, S. (1987). Survey of expert opinion on intelligence and aptitude testing. *American Psychologist*, 42(2), 137.

- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. Dalam S. Leinhardt (Ed.), *Sociological methodology* (pp. 290-312). San Francisco: Jossey-Bass.
- Soedjadi, R. (2000). Nuansa Kurikulum Matematika Sekolah Di Indonesia. *Majalah Ilmiah Himpunan Matematika Indonesia (Prosiding Konferensi Nasional Matematika X ITB, 17-20 Juli 2000)*.
- Spada, M.M., Nikcevic, A.V., Moneta, G.B., & Ireson, J. (2006). Metacognition as mediator of test anxiety on a surface approach to study. *Educational Psychology*, 26, 615-624.
- Steinmayr, R., & Spinath, B. (2009). The importance of motivation as a predictor of school achievement. *Learning and Individual Differences*, 19(1), 80–90.
- Sternberg, R. J. & Wagner, R. K. (1994) *Mind in context: Interactionist perspectives on human intelligence*. Cambridge: Cambridge University Press, 218 - 232.
- Sullivan, J. R., & Guerra, N. S. (2007). A closer look at college students: Self-efficacy and goal orientation. *Journal of Advanced Academics*, 18(3), 454–476.
- Sumardiyono. (2004). Karakteristik matematika dan implikasinya terhadap pembelajaran matematika. *Paket Pembinaan Penataran*. Yogyakarta: Depdiknas.
- Sungur, S. (2007). Contribution of motivational beliefs and metacognition to students' performance under consequential and non-consequential test conditions. [Electronic version]. *Educational Research and Evaluation*, 13, 127-142.
- Supratiknya, A. (2014). *Pengukuran psikologis*. Yogyakarta: Penerbit Universitas Sanata Dharma.
- Suthar, V., & Tarmizi, R.A. (2010). Effects of students' belief on mathematics achievement of university student: Regression analysis approach. *Journal of Social Science*, 6(2), 146-152.
- Tella, A. (2007). The impact of motivation on student's academic achievement and learning outcomes in mathematics among secondary school students in Nigeria. *Eurasia Journal of Mathematics, Science, & Technology Education*, 3(2), 149-156.
- Tibbles, A. C., Waalen, J. K. & Hains, F. (1998). Response set bias, internal consistency and construct validity of the Oswestry Low Back Pain Disability Questionnaire. *Journal of Canadian Chiropractic Association*, 42(3), 141-149.

- Tollefson, N. (2000). Classroom application of cognitive theories of motivation. *Education Psychology Review*, 12, 63-83.
- Tolli, A. P., & Schmidt, A. M. (2008). The role of feedback, causal attributions, and self-efficacy in goal revision. *Journal of Applied Psychology*, 93(3), 692.
- Undang-Undang, R. I. (2008). *Nomor 20 Tahun 2003 Tentang SISDIKNAS & Peraturan Pemerintah RI Nomor 47 Tahun 2008 Tentang Wajib Belajar*. Bandung: Citra Umbara.
- Urdu, T. C., & Maehr, M. L. (1995). Beyond a two-goal theory of motivation and achievement: A case for social goals. *Review of Educational Research*, 65(3), 213–243.
- Usher, E. L., & Pajares, F. (2008). Self-efficacy for self-regulated learning: A validation study. *Educational and Psychological Measurement*, 68(3), 443–463.
- Valle, A., Nunez, J.C., Cabanach, R.G., Gonzalez-Pienda, J.A., Rodriguez, S., Rosario, P., ... & Munoz-Cadavid, M.A. (2008). Self-regulated profiles and academic achievement. [Electronic version]. *Psicothema*, 20, 724-731.
- Vanderstoep, S. W., Pintrich, P. R., & Fagerlin, A. (1996). Disciplinary differences in self-regulated learning in college students. *Contemporary Educational Psychology*, 21(4), 345–362.
- van der Stel, M., & Veenman, M. V. (2008). Relation between intellectual ability and metacognitive skillfulness as predictors of learning performance of young students performing tasks in different domains. *Learning and Individual Differences*, 18(1), 128-134.
- Van Der Walt, M., & Maree, K. (2007). Do mathematics learning facilitators implement metacognitive strategies? [Electronic version]. *South African Journal of Education*, 27, 223-241.
- Van Eemeren, F. H., Grootendorst, R., Henkemans, F. S., Blair, J. A., Johnson, R. H., Krabbe, E. C. W., Plantin, C., Walton, D. N., Willard, C. A., Woods, J., & Zarefsky, D. (1996). *Fundamentals of argumentation theory: A handbook of historical backgrounds and contemporary developments*. Mahwah: Lawrence Erlbaum Associates.
- Veenman, M.V.J. (2006). The role of intellectual and metacognitive skills in math problem solving. *Metacognition in Mathematics Education*. New York: Nova Science.
- Veenman, M. V. J., & Elshout, J. J. (1999). Changes in the relation between cognitive and metacognitive skills during the acquisition of expertise. *European Journal of Psychology of Education*, 14, 509e523.

- Veenman, M. V., Kok, R., & Blöte, A. W. (2005). The relation between intellectual and metacognitive skills in early adolescence. *Instructional Science*, 33(3), 193-211.
- Veenman, M. V. J., Prins, F. J., & Elshout, J. J. (2002). Initial inductive learning in a complex computer simulated environment: the role of metacognitive skills and intellectual ability. *Computers in Human Behavior*, 18(3), 327-341.
- Veenman, M. V., & Spaans, M. A. (2005). Relation between intellectual and metacognitive skills: Age and task differences. *Learning and individual differences*, 15(2), 159-176.
- Veenman, M.V.J., Van Hout-Wolters, B.H.A.M., & Afflerbach, P. (2006). Metacognition and learning: Conceptual and methodological considerations. [Electronic version]. *Metacognition Learning*, 1, 3-14.
- Vermunt, J. D., & Vermetten, Y. J. (2004). Patterns in student learning: Relationships between learning strategies, conceptions of learning, and learning orientations. *Educational Psychology Review*, 16(4), 359–384.
- Veenman, M.V.J., Wilhelm, P., & Beishuizen, J.J. (2004). The relation between intellectual and metacognitive skills from a developmental perspective. *Learning and Instruction* 14 (2004) 89–109.
- Von Glasersfeld, E. (1995). *Radical constructivism: A way of knowing and learning*. Washington, DC: Falmer.
- Voss, J. F., & Post, T. A. (1988). On the solving of ill-structured problems. Dalam M. T. H. Chi, R. Glaser, & M. J. Farr (Eds.) *The nature of expertise*. Hillsdale, NJ: Lawrence Erlbaum.
- Vrugt, A., & Oort, F. J. (2008). Metacognition, achievement goals, study strategies and academic achievement: pathways to achievement. *Metacognition and Learning*, 3(2), 123–146.
- Vygotsky, L. (1962). *Thought and language* (E. Hanf-mann & G. Vakar, Trans.). Cambridge, MA: MIT Press.
- Wang, J. (2007). A trend study of self-concept and mathematics achievement in a cross-cultural context. *Mathematics Education Research Journal*, 19(3), 33–47.
- Watkins, M. W., Lei, P.-W., & Canivez, G. L. (2007). Psychometric intelligence and achievement: A cross-lagged panel analysis. *Intelligence*, 35(1), 59-68.
- Weiner, B. (1979). A theory of motivation for some classroom experiences. Dalam A. Wigfield. (1988). Children's attributions for success and failure: Effect of age and attentional focus. *Journal of Educational Psychology*, Vol. 80, No. 1, 76-81.

- Weiner, B. (1985). An Attributional theory of achievement motivation and emotion. *Psychological Review*, Vol. 92, No. 4, 548-573.
- Weiner, B. (1992). Human motivation: Metaphors, theories, and research in education. Dalam D.H. Schunk., P.R. Pintrich., & J.L. Meece. (2008). *Motivation to Education: Theory, Research, and Applications*. (3rd ed). Upper Saddle River: Pearson Education.
- Weiner, B. (1994). Integrating social and personal theories of achievement striving. *Review of Educational research*, 64(4), 557-573.
- Weiner, B. (2000). Intrapersonal and interpersonal theories of motivation from an attributional perspective. *Educational Psychology Review*, Vol.12, No.1.
- Weiner, B. (2012). An attribution theory of motivation. Dalam P.A.M, Van Lange., A.W. Kruglanski., & E.T. Higgins (eds) (2012). *Handbook of Theory of Social Psychology*. Los Angeles: Sage Publication.
- Weiner, I. B., Reynolds, W. M., & Miller, G. E. (2003). *Handbook of Psychology: Volume 7, Educational Psychology*. Wiley.
- Weinstein, C. E. (1994). Strategic learning/strategic teaching: Flip sides of a coin. *Student motivation, cognition, and learning: Essays in honor of Wilbert J. McKeachie*, 257–273.
- Weinstein, C. E., & McCombs, B. (1995). *Strategic learning: Skill, will, and self-regulation*. Hillsdale, NJ: Erlbaum.
- Weinstein, C. E., Tomberlin, T. L., Julie, A. L., & Kim, J. I. (2005). Helping students to become strategic learners: the roles of assessment, teachers, instruction and students. Dalam *22nd Annual Academic Chairpersons Conference, Orlando, FL*.
- White, B., & Frederiksen, J. (1998). Inquiry, modeling, and metacognition: Making science accessible to all students. *Cognition and Instruction*, 16(1), 3-118.
- Wigfield, A., & Eccles, J. S. (2000). Expectancy-value theory of motivation. *Contemporary Educational Psychology*, 25, 68–81.
- Wilkins, J. L. (2004). Mathematics and science self-concept: An international investigation. *The Journal of Experimental Education*, 72(4), 331–346.
- Wilkins, J. L., Zembylas, M., & Travers, K. J. (2002). Investigating correlates of mathematics and science literacy in the final year of secondary school. Dalam *Secondary analysis of the TIMSS data* (pp. 291–316). Netherlands: Springer.
- Wimbarti, S. (2016). Neuropsikologi kognitif matematika: Akankah menjadi solusi prestasi belajar matematika? (h. 3-21). Dalam N. Ramdhani, S. Wimbarti,

& Y.F. Susetyo (Eds.), *Psikologi untuk Indonesia tangguh dan bahagia*. Yogyakarta: Gadjah Mada University Press.

Winne, P. H., & Perry, N. E. (2000). Measuring self-regulated learning. Dalam M. Boekaerts, P. Pintrich, & M. Zeidner (Eds.), *Handbook of self-regulation* (pp. 531–566). San Diego, CA: Academic Press.

Wolters, C. A. (1998). Self-regulated learning and college students' regulation of motivation. *Journal of Educational Psychology, 90*(2), 224.

Wolters, C. (2003). Regulation of motivation: Evaluating an underemphasized aspect of self-regulated learning. *Educational Psychologist, 38*, 189–205.

Wolters, C. A., Yu, S. L., & Pintrich, P. R. (1996). The relation between goal orientation and students' motivational beliefs and self-regulated learning. *Learning and Individual Differences, 8*(3), 211–238.

Woolfolk, A. E. (2005). *Educational psychology* (9th ed.). Boston: Allyn & Bacon.

Yoenanto, N. H. (2012). Hubungan antara self-regulated learning dengan self-efficacy pada siswa akselerasi sekolah menengah pertama di Jawa timur. *Jurnal Insan Media Psikologi, 12*(2).

Young, M. R. (2005). The motivational effects of the classroom environment in facilitating self-regulated learning. *Journal of Marketing Education, 27*(1), 25–40.

Yumusak, N., Sungur, S., & Cakiroglu, J. (2007). Turkish high school students' biology achievement in relation to academic self-regulation. *Educational Research and Evaluation, 13* (1), 53-69.

Zajacova, A., Lynch, S.M., & Espenshade, T.J. (2005). Self-efficacy, stress, and academic success in college. *Research in Higher Education, 46* (6), 677-706.

Zare-ee, A. (2007). The relationship between cognitive and meta-cognitive strategy use and EFL reading achievement. *Journal of Applied Psychology, 2*(5), 105–119.

Zimmerman, B. J. (1986). Becoming a self-regulated learner: Which are the key subprocesses? *Contemporary Educational Psychology, 11*(4), 307–313.

Zimmerman, B. J. (1989a). Models of self-regulated learning and academic achievement. Dalam B.J. Zimmerman and D.H. Schunck (Eds.), *Self-regulated learning and academic achievement: Theory, research, and practice*. New York: Springer-Verlag.

Zimmerman, B. J. (1989b). A social cognitive view of self-regulated academic learning. *Journal of Educational Psychology, 81*(3), 329.

- Zimmerman, B. J. (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, CA: Academic Press.
- 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*(4), 397–417.
- Zimmerman, B. J., & Schunk, D. H. (2001) *Self-regulated learning and academic achievement: theoretical perspectives*. Mahwah, NJ : Lawrence Erlbaum Associates.
- Zulkipli, N., Kabit, M.R., & Ghani, K.A. (2009). Metacognition: What roles does it play in students' academic performance. *The International Journal of Learning, 15*: 97-106.
- Zusho, A., Pintrich, P. R., & Coppola, B. (2003). Skill and will: The role of motivation and cognition in the learning of college chemistry. *International Journal of Science Education, 25*(9), 1081–1094.