

**Πρόγραμμα Μεταπτυχιακών Σπουδών Εξειδίκευσης του Τμήματος Ελληνικής Φιλολογίας
του Δημοκριτείου Πανεπιστημίου Θράκης**

σε συνεργασία με το

**ΕΚΕΦΕ Δημόκριτος – Ινστιτούτο Πληροφορικής και Επικοινωνιών με τίτλο: «Εξειδίκευση
στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της ένταξης»**

ΑΓΧΟΣ ΚΑΙ ΜΑΘΗΣΙΑΚΕΣ ΔΥΣΚΟΛΙΕΣ

ANXIETY AND LEARNING DISABILITIES

της

Ζωγράφου Μαρίας

Μεταπτυχιακή διατριβή που υποβάλλεται
στην τριμελή επιτροπή για την απόκτηση του μεταπτυχιακού τίτλου του
Προγράμματος Μεταπτυχιακών Σπουδών Εξειδίκευσης
του Τ.Ε.Φ-Δ.Π.Θ. σε συνεργασία με το Ε.Κ.Ε.Φ.Ε. Δημόκριτος – Ινστιτούτο
Πληροφορικής και Επικοινωνιών
με τίτλο: «Εξειδίκευση στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της
ένταξης»

Εγκεκριμένο από την τριμελή επιτροπή:

1. Δρ. Αγάθη Σταθοπούλου, Συνεργάτιδα Ερευνήτρια Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε. «ΔΗΜΟΚΡΙΤΟΣ»
2. Δρ. Ζωή Καραμπατζάκη, Συνεργάτιδα Ερευνήτρια Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε. «ΔΗΜΟΚΡΙΤΟΣ»
3. Δρ. Αθανάσιος Δρίγκας, Διευθυντής Ερευνών Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε. «ΔΗΜΟΚΡΙΤΟΣ»

Αθήνα 2020

ΠΕΡΙΛΗΨΗ

Η παρούσα εργασία εξετάζει τη σχέση μεταξύ του άγχους και των μαθησιακών δυσκολιών. Αρχικά, γίνεται αναφορά στην έννοια και τους ορισμούς, τα είδη και τα αίτια των μαθησιακών δυσκολιών. Επίσης, παρουσιάζονται τα χαρακτηριστικά και τα συναισθήματα των παιδιών και των εφήβων με μαθησιακές δυσκολίες. Στη συνέχεια, περιγράφεται η έννοια του άγχους ως εσωτερικευμένης ψυχικής διαταραχής, αλλά και οι συνέπειες του σχολικού άγχους στην ψυχοσυναισθηματική ανάπτυξη και τη λειτουργικότητα των παιδιών με και χωρίς μαθησιακές δυσκολίες. Επιπλέον, βασικός σκοπός της συγκεκριμένης βιβλιογραφικής ανασκόπησης αποτελεί η σύγκριση του άγχους επίδοσης/ αξιολόγησης των μαθητών με μαθησιακές δυσκολίες με εκείνο που βιώνουν οι συνομήλικοι μαθητές τυπικής ανάπτυξης. Κατόπιν, διερευνώνται οι διαφορές φύλου ανάμεσα στα παιδιά με μαθησιακές δυσκολίες ως προς τον βαθμό του άγχους επίδοσης. Έπειτα, εξετάζονται τα μαθήματα της Νεοελληνικής Γλώσσας και των Μαθηματικών ως προς το άγχος που προκαλούν στους μαθητές με μαθησιακές δυσκολίες. Τα αποτελέσματα της βιβλιογραφικής ανασκόπησης έδειξαν ότι τα παιδιά και οι έφηβοι με μαθησιακές δυσκολίες εμφανίζουν υψηλότερα επίπεδα άγχους επίδοσης συγκριτικά με τους τυπικά αναπτυσσόμενους συνομηλίκους τους. Ωστόσο, αρκετές έρευνες αποκάλυψαν ότι τα κορίτσια με μαθησιακές δυσκολίες παρουσιάζουν μεγαλύτερη συναισθηματική δυσφορία και άγχος σε σχέση με τα αγόρια. Τέλος, διαπιστώθηκε ότι το γνωστικό αντικείμενο των μαθηματικών δημιουργεί υψηλότερο άγχος στους μαθητές με μαθησιακές δυσκολίες από ότι το μάθημα της γλώσσας, που περιλαμβάνει την αναγνωστική διαδικασία.

ΛΕΞΕΙΣ - ΚΛΕΙΔΙΑ

Μαθησιακές δυσκολίες, άγχος επίδοσης, μαθητές με μαθησιακές δυσκολίες, μαθητές τυπικής ανάπτυξης, διαφορές φύλου, ανάγνωση, μαθηματικά

6. ΒΙΒΛΙΟΓΡΑΦΙΑ

- 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), σσ. 150–161. doi:10.1037/a0030160.
- Αλεβίζος, Β. (Επιμ.). (2008). *Άγχος. Ιατρικές και Κοινωνικές Διαστάσεις*. Αθήνα: Βήτα.
- Alesi, M., Rappo, G., Pepi, A. (2014). Depression, anxiety at school and self-esteem in children with learning disabilities. *Journal of psychological abnormalities. J Psychol Abnorm Child, 3*:3.
- Alesi, M., Rappo, G., Pepi, A. (2012). Self-esteem at school and self-handicapping in childhood: comparison of groups with learning disabilities. *Psychol Rep 111*: σσ. 952-962.
- Al-Yagon, M., & Mikulincer, M. (2004). Patterns of close relationships and socioemotional and academic adjustment among school-age children with learning disabilities. *Learning Disabilities Research & Practice, 19*, σσ. 12–19.
- American Psychiatric Association (APA). (1994). Diagnostic and statistical manual of mental disorders (4th ed.). Washington, DC: American Psychiatric Press.
- American Psychiatric Association (APA). (2013). Diagnostic and statistical manual of mental disorders (5th ed.).
- <https://doi.org/10.1176/appi.books.9780890425596>.
- Αναγνωστόπουλος, Δ. Κ. (2001). Η συννοσηρότητα των μαθησιακών διαταραχών. *Αρχεία ελληνικής ιατρικής, 18*(5), σσ. 457-465. Ανακτήθηκε από: <http://iatrotek.org/ioArt.asp?id=15979>.
- Andersson, U. (2010). Skill development in different components of arithmetic and basic cognitive functions: findings from a 3-year longitudinal study of children with different types of learning difficulties. *J Educ Psychol 102*(1): σσ. 115–134.
- Araki, N. (1992). Test anxiety in elementary and junior high school students in Japan. *Anxiety, Stress, and Coping, 5*, σσ. 205–215.

- Ashcraft, M. H., & Kirk, E. P. (2001). The relationships among working memory, math anxiety, and performance. *Journal of Experimental Psychology: General*, 130(2), σσ. 224–237.
- Bandura, A., Pastorelli, C., Barbaranelli, C., & Caparra, G. V. (1999). Self-efficacy pathways to childhood depression. *Journal of Personality and Social Psychology*, 76, σσ. 258–269.
- Bay, M., & Bryan, T. H. (1991). Teachers' reports of their thinking about at-risk learners and others. *Exceptionality: A Research Journal*, 2, σσ. 127-139.
- Bender, W.N. (1985). Differential diagnosis based on the task-related behavior of learning disabled and low-achieving adolescents. *Learning Disability Quarterly*, 8, σσ. 261-266.
- Bender, W.N. (1986). Teachability and personality of learning-disabled children: Prediction of teachers' perceptions from personality variables. *Learning Disabilities Research*, 2(10), σσ. 4-9.
- Bender, W. N., Rosenkrans, C. B., & Crane, M.-K. (1999). Stress, Depression, and Suicide among Students with Learning Disabilities: Assessing the Risk. *Learning Disability Quarterly*, 22(2), σσ. 143–156. doi:10.2307/1511272.
- Bensoussan, M. (2012). Alleviating Test Anxiety for Students of Advanced Reading Comprehension. *RELC Journal*, 43(2), σσ. 203–216.
doi:10.1177/0033688212449511.
- Birenbaum, M., & Nasser, F. (1994). On the relationship between test anxiety and performance. *Measurement and Evaluation in Counseling and Development*, 27, σσ. 293-301.
- Boetsch, E. A., Green, P. A., & Pennington, B. F. (1996). Psychosocial correlates of dyslexia across the lifespan. *Development and Psychopathology*, 8, σσ. 539–562.
- Bongers, I. L., Koot, H. M., Van der Ende, J., & Verhulst, F. C. (2003). The normative development of child and adolescent problem behavior. *Journal of Abnormal Psychology*, 112, σσ. 179–192. doi:10.1037/0021-843X.112.2.179.

- Bosquet, M., & Egeland, B. (2006). The development and maintenance of anxiety symptoms from infancy through adolescence in a longitudinal sample. *Development and Psychopathology*, 18, σσ. 517–550.
- British Psychological Society (1999). Learning Disability: Operational Definitions (draft D). *The British Psychological Society, Leicester, England*.
- Bryan, J., & Bryan, T. (1983). The social life of the learning-disabled youngster. In J. D. McKinney & L. Feagans (Eds.), *Current topics in learning disabilities* (Vol. 1). New York: Ablex.
- Bryan, T., Burstein, K., & Ergul, C. (2004). *The Social-Emotional Side of Learning Disabilities: A Science-Based Presentation of the State of the Art. Learning Disability Quarterly*, 27(1), σσ. 45–51. doi:10.2307/1593631.
- Bryan, J., Sonnefeld, L., & Grabowski, B. (1983). The relationship between fear of failure and learning disabilities. *Learning Disability Quarterly*, 6, σσ. 217-222.
- Bursuck, W. (1989). A comparison of students with learning disabilities to low achieving and higher achieving students on three dimensions of social competence. *Journal of Learning Disabilities*, 22, σσ. 188-194.
- Büttner, G., & Hasselhorn, M. (2011). Learning Disabilities: Debates on definitions, causes, subtypes, and responses. *International Journal of Disability, Development and Education*, 58(1), σσ. 75-87. doi:10.1080/1034912x.2011.548476.
- Cantwell, D. P., & Baker, L. (1991). Association between attention deficit hyperactivity disorder and learning disorders. *Journal of Learning Disabilities*, 24, σσ. 88-95.
- Carroll, J. M., & Iles, J. E. (2006). *An assessment of anxiety levels in dyslexic students in higher education. British Journal of Educational Psychology*, 76(3), σσ. 651–662. doi:10.1348/000709905x66233.
- Carroll, J. M., Maughan, B., Goodman, R., & Meltzer, H. (2005). *Literacy difficulties and psychiatric disorders: evidence for comorbidity. Journal of Child Psychology and Psychiatry*, 46(5), σσ. 524–532. doi:10.1111/j.1469-7610.2004.00366.x.

- Casey, R., Levy, S., Brown, K., & Brooks-Gunn, J. (1992). Impaired emotional health in children with mild reading disability. *Developmental and Behavioural Pediatrics*, 13, σσ. 256–260.
- Chapell, M. S., Blanding, Z. Bv Silverstein, M. E., Takahashi, M.; Newman, B., Gubi, A., & McCann, N. (2005). Test anxiety and academic performance in undergraduate and graduate students. *Journal of Educational Psychology*, 97, σσ. 268-274.
- Connelly, C. (1969). The psychological adjustment of children with dyslexia. *Exceptional Children*, 11, σσ. 126-127.
- Dahle, A. E., Knivsberg, A., & Andreassen, A. B. (2011). Coexisting problem behaviour in severe dyslexia. *Journal of Research in Special Educational Needs*, 11, σσ. 162–170.
- Dean, R. S., & Rattan, A. J. (1987). Measuring the effects of failure with learning disabled children. *International Journal of Neuroscience*, 37, σσ. 27-30.
- Devine, A., Hill, F., Carey, E., & Szűcs, D. (2018). Cognitive and emotional math problems largely dissociate: Prevalence of developmental dyscalculia and mathematics anxiety. *Journal of Educational Psychology*, 110(3), σσ. 431–444.
- Di Maria, F., & Di Nuovo, S. (1990). Gender differences in social and test anxiety. *Personality and Individual Differences*, 11, σσ. 525– 530.
- Dobson, C. (2012). Effects of academic anxiety on the performance of students with and without learning disabilities and how students can cope with anxiety at school. Northern Michigan University.
- Dollinger, S.J., Horn, J.L., & Boarini, D. (1988). Disturbed sleep and worries among learning disabled adolescents. *American Journal of Orthopsychiatry*, 58, σσ. 428-434.
- Δράκος, Γ. Δ. & Τσιναρέλης, Γ. Σ. (2011). *Ψυχοκοινωνικές παράμετροι των σχολικών δυσκολιών*. Αθήνα: Διάδραση.
- Drigas, A., & Ioannidou, R. E. (2013). Special Education and ICTs. *International Journal of Emerging Technologies in Learning (iJET)*, 8(2). doi:10.3991/ijet.v8i2.2514.

- Drigas, A., & Mitsea, E. (2020). The Triangle of Spiritual Intelligence, Metacognition and Consciousness. *International Journal of Recent Contributions from Engineering Science & IT (Ijres) 8(1)*: 4-23. doi: 10.3991/ijres.v8i1.12503.
- Drigas, A., & Papoutsi, C. (2018). A New Layered Model on Emotional Intelligence. *Behavioral Sciences, 8(5)*, 45. doi:10.3390/bs8050045.
- Drigas, A.S., & Pappas, M.A. (2017). The Consciousness-Intelligence-Knowledge Pyramid: An 8 × 8 Layer Model. *Int. J. Recent Contrib. Eng. Sci. IT*, 5, 14–25.
- Duane, D. D. (1993). Later life affective, cognitive and neurological manifestations of developmental right hemisphere syndromes. Paper presented at the annual meeting of the International Academy for Research in Learning Disabilities, Boston.
- Duncan, T. G., & McKeachie, W. J. (2005). The making of the motivated strategies for learning questionnaire. *Educational Psychologist, 40(2)*, σσ. 117–128.
- Dusek, C. (1980). The development of test anxiety in children. In Sarason, I., (Ed.). Test Anxiety: Theory, research, and applications, *Hillsdale, NJ: Lawrence Erlbaum Associates Publishers*, σσ. 87-110.
- Epstein, M. H., Cullinan, D., & Lloyd, J. W. (1986). Behavior-problem patterns among the learning disabled: III. Replication across age and sex. *Learning Disability Quarterly, 9*, σσ. 43-54.
- Everson, H. T., Millsap, R. E., & Rodriguez, C. M. (1991). Isolating gender differences in test anxiety: A confirmatory factor analysis of the Test Anxiety Inventory.
- Eum, K., & Rice, K. G. (2011). Test anxiety, perfectionism, goal orientation, and academic performance. *Anxiety, Stress, & Coping, 24*, σσ. 167–178.
doi:10.1080/10615806.2010.488723.
- Feng, Z. Z., Zhang, D. J., & Wang, F. (2005). Analysis of influencing factors in depressive symptoms in middle school students. *Chinese Journal of Clinical Psychology, 13*, σσ. 446–448.
- Fergusson, D.M. & Lynskey, M.T. (1997). Early reading difficulties and later conduct

- problems. *Journal of Child Psychology and Psychiatry*, 39(5), σσ. 721–730.
- Ferrando, P. J., Varea, M. D., & Lorenzo, U. (1999). A psychometric study of the Test Anxiety Scale for Children in a Spanish sample. *Personality and Individual Differences*, 27, σσ. 34–44.
- Feurer, D. P., & Andrews, J. J. W. (2009). School-Related Stress and Depression in Adolescents With and Without Learning Disabilities: An Exploratory Study. *The Alberta Journal of Educational Research*. Vol. 55, No. 1, σσ. 92-108.
- Fisher, B. L., Allen, R., & Kose, G. (1996). The relationship between anxiety and problem-solving skills in children with and without learning disabilities. *Journal of Learning Disabilities*, 29, σσ. 439–446.
- Fletcher, J., Lyon, G., Fuchs, L. & Barnes, M. (2007). Learning Disabilities: From Identification to Intervention. *New York: Guilford*.
- Ford, C. E., Pelham, W. E., & Ross, A. O. (1985). Selective attention deficits in high test anxious children: A failure to replicate. *Journal of Learning Disabilities*, 18, σσ. 15–18.
- Freud, S. (1926). Inhibitions, symptoms of anxiety. *The standard edition of the complete psychological works of Sigmund Freud*. Vol 20. London, Hogarth Press, 1959: 7S-17S.
- Frick, P.J., Kamps, R.W., Lahey, B.B., Loeber, R., Christ, M.A.G., Harte, L. & Tannenbaum, L.E. (1991). Academic underachievement and the disruptive behaviour disorders. *Journal of Consulting & Clinical Psychology*, 59, σσ. 289–294.
- Friedman, I. A., & Bendas-Jacob, O. (1997). Measuring perceived test anxiety in adolescents: A self-report scale. *Educational and Psychological Measurement*, 57, σσ. 1035-1046.
- Fuchs, L.S., Fuchs, D. (2002). Mathematical problem-solving profiles of students with mathematics disabilities with and without comorbid reading disabilities. *J Learn Disabil* 35, σσ. 563–573.

- Fulk, B. M., Brigham, F. J., & Lohman, D. A. (1998). Motivation and Self-Regulation. *Remedial and Special Education*, 19(5), σσ. 300–309. doi:10.1177/074193259801900506.
- Gallegos, J., Langley, A., & Villegas, D. (2012). Anxiety, Depression, and Coping Skills Among Mexican School Children. *Learning Disability Quarterly*, 35(1), σσ. 54–61. doi:10.1177/0731948711428772.
- Geary, D. C. (2011). Consequences, Characteristics, and Causes of Mathematical Learning Disabilities and Persistent Low Achievement in Mathematics. *Journal of Developmental & Behavioral Pediatrics*, 32(3), σσ. 250–263. doi:10.1097/dbp.0b013e318209edef.
- Geary, D. C. & Hoard, M. K. (2002). Learning disabilities in basic mathematics: Deficits in memory and cognition. In J. M. Royer (Ed.), Mathematical cognition. Greenwich, CT: Information Age Publishing, σσ. 93-115.
- Geisthardt, C., & Munsch, J. (1996). Coping with School Stress: A Comparison of Adolescents With and Without Learning Disabilities. *Journal of Learning Disabilities*, 29(3), σσ. 287–296. doi:10.1177/002221949602900307.
- Gierl, M. J., & Rogers, W. T. (1996). A confirmatory factor analysis of the Test Anxiety Inventory using Canadian high school students. *Educational and Psychological Measurement*, 56, σσ. 315–324.
- Greenham, S. L. (1999). Learning Disabilities and Psychosocial Adjustment: A Critical Review. *Child Neuropsychology (Neuropsychology, Development and Cognition: Section C)*, 5(3), σσ. 171–196. doi:10.1076/chin.5.3.171.7335.
- Grills-Taquechel, A. E., Fletcher, J. M., Vaughn, S. R., & Stuebing, K. K. (2012). Anxiety and reading difficulties in early elementary school: Evidence for unidirectional- or bidirectional relations? *Child Psychiatry & Human Development*, 43, σσ. 35–47. doi:10.1007/s10578-011-0246-1.
- Grover, R. L., Ginsburg, G. S., & Ialongo, N. (2005). Childhood predictors of anxiety symptoms: A longitudinal study. *Child Psychiatry and Human Development*, 36, σσ. 133–153.

- Gullone, E., King, N. J., & Ollendick, T. H. (2001). Self-reported anxiety in children and adolescents: A three-year follow-up study. *Journal of Genetic Psychology*, 162, σσ. 5–19. doi:10.1080/ 00221320109597878.
- Hales, G. (1994). The human aspects of dyslexia. In G. Hales (Ed.), *Dyslexia matters*, σσ. 184–198.
- Hall, C., & Haws, D. (1989). Depressive symptomatology in learning-disabled and nonlearning-disabled students. *Psychology in the Schools*, 26, σσ. 359-364.
- Hammill, D. D. (1990). On Defining Learning Disabilities. *Journal of Learning Disabilities*, 23(2), σσ. 74–84. doi:10.1177/002221949002300201.
- Hampton, N. Z., & Mason, E. (2003). Learning disabilities, gender, sources of efficacy, self-efficacy beliefs, and academic achievement in high school students. *Journal of School Psychology*, 41(2), σσ. 101–112.
[https://doi.org/10.1016/S0022-4405\(03\)00028-1](https://doi.org/10.1016/S0022-4405(03)00028-1).
- Harris, H. & Sipay, P. (1985). How to increase reading ability. New York: Longman.
- Hayes, M.L., & Sloat, R.S. (1990). Suicide and the gifted adolescent. *Journal for the Education of the Gifted*, 13, σσ. 229-244.
- Heiman, T., & Precel, K. (2003). Students with learning disabilities in higher education: Academic strategies profile. *Journal of Learning Disabilities*, 36, σσ. 248–258.
- Hembree, R. (1988). Correlates, causes, effects, and treatment of test anxiety. *Review of Educational Research*, 58, σσ. 47–77.
- Hill, K. T (1972). Anxiety in the evaluative context. In W. Hartup (Ed.), *The young child* (Vol. 2), σσ. 77-88. Washington, DC: National Association for the Education of Young Children.
- Hill, K. T., & Sarason, S. B. (1966). The relation of test anxiety and defensiveness to test and school performance over the elementary school years: A further longitudinal study. *Monographs of the Society for Research in Child Development*, 31, σσ. 1-76.
- Hinshaw, S.P. (1992). Externalising behaviour problems and academic

- underachievement in childhood and adolescence: Causal relationships and underlying mechanisms. *Psychological Bulletin*, 111, σσ. 127–155.
- Hughes, C. A. (1991). Studying for and taking tests: Self-reported difficulties and strategies for university students with learning disabilities. *Learning Disabilities*, 2, σσ. 65–71.
- Huntington, D. D., & Bender, W. N. (1993). Adolescents with Learning Disabilities at Risk? Emotional Well-Being, Depression, Suicide. *Journal of Learning Disabilities*, 26(3), σσ. 159–166. doi:10.1177/002221949302600303.
- Jain, S., & Dowson, M. (2009). Mathematics anxiety as a function of multidimensional self-regulation and self-efficacy. *Contemporary Educational Psychology*, 34, σσ. 240–249. <https://doi.org/10.1016/j.cedpsych.2009.05.004>.
- Jensen, J., Breiger, D. (2005). Learning disorders. In: Cheng K, Meyers KM (eds.) *Child and adolescent psychiatry*, σσ. 281–296.
- Joiner, T. E., Steer, R. A., Beck, A. T., Schmidt, N. B., Rudd, M. D., & Catanzaro, S. J. (1999). Physiological hyperarousal: Construct validity of a central aspect of the tripartite model of depression and anxiety. *Journal of Abnormal Psychology*, 108, σσ. 290–298.
- King, N. J., Mietz, A., Tinney, L., & Ollendick, T. H. (1995). Psychopathology and cognition in adolescents experiencing severe test anxiety. *Journal of Clinical Child Psychology*, 24, σσ. 49–54. doi:10.1207/s15374424jccp2401_6.
- Kistner, J.A., Osborne, M., & LaVerrier, L. (1988). Causal attributions of learning disabled children: Developmental patterns and relation to academic progress. *Journal of Educational Psychology*, 80, σσ. 82–83.
- Kosc, L. (1974). Developmental Dyscalculia. *Journal of Learning Disabilities*, 7(3), σσ. 164–177. doi:10.1177/002221947400700309.
- 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: *International Journal on Mathematics Education*, 42(2), σσ. 179–193.

- Lagae, L. (2008). Learning Disabilities: Definitions, Epidemiology, Diagnosis, and Intervention Strategies. *Pediatric Clinics of North America*, 55(6), σσ. 1259–1268. doi:10.1016/j.pcl.2008.08.001.
- LaGreca, A. M. (1987). Children with learning disabilities: Interpersonal skills and social competence. *Journal of Reading, Writing and Learning Disabilities International*, 3, σσ. 167-185.
- LaGreca, A. M., & Stone, W. L. (1990). LD status and achievement: Confounding variables in the study of children's social status, self-esteem, and behavioral functioning. *Journal of Learning Disabilities*, 23, σσ. 483-490.
- Lancaster, S., Mellard, D., & Hoffman, L. (2001). Experiences of students with disability in selected community and technical colleges. The individual accommodation model: Accommodating students with disabilities in postsecondary settings. Lawrence: University of Kansas, Center for Research on Learning.
- Lazarus, R. S. (1991). Cognition and motivation in emotion. *American Psychologist*, 46(4), σσ. 352–367. <https://doi.org/10.1037/0003-066X.46.4.352>.
- LeBeau, R. T., Glenn, D., Liao, B., Wittchen, H., Beesdo-Baum, K., Ollendick, T., & Craske, M. G. (2010). Specific phobia: A review of DSM-IV specific phobia and preliminary recommendations for DSM-V. *Depression and Anxiety*, 27, σσ. 148–167. doi:10.1002/da.20655.
- Liebert, R. M., & Morris, L. W. (1967). Cognitive and emotional components of test anxiety: A distinction and some initial data. *Psychological Reports*, 20, σσ. 975–978.
- Li, H., Morris, R.J. (2007). Assessing fears and related anxieties in children and adolescents with learning disabilities or mild mental retardation. *Research in Developmental Disabilities* 28, σσ. 445–457.
- Lowe, P. A., Lee, S. W., Witteborg, K. M., Prichard, K. W., Luhr, M. E., Cullinan, C. M., Janik, M. (2008). The test anxiety inventory for children and adolescents (TAICA): Examination of the psychometric properties of a new multidimensional measure of test anxiety among elementary and secondary school students. *Journal of*

Psychoeducational Assessment, 26, σσ. 215–230.

doi: 10.1177/0734282907303760.

Lufi, D., Okasha, S., & Cohen, A. (2004). Test anxiety and its effect on personality of students with learning disabilities. *Learning Disability Quarterly*, 27, σσ. 176–185.

Lyon, G.R., Fletcher, J.M., Barnes, M.C. (2003). Learning disabilities. In: Mash EJ, Barkley RA (eds) *Child psychopathology*, 2nd ed., σσ. 520–586.

Lyon, G. R., Fletcher, J. M., Shaywitz, S. E., Shaywitz, B. A., Torgesen, J. K., Wood, F. B., Schulte, A., & Olson, R. (2001). Rethinking Learning Disabilities. *Progressive Policy Institute. Thomas B. Fordham Foundation. Rethinking Special Education For a New Century*.

Maag, J. W., & Behrens, J. T. (1989). Depression and cognitive self-statements of learning disabled and seriously emotionally disturbed adolescents. *The Journal of Special Education*, 23, σσ. 17-27.

Maag, J.W., Rutherford, R.B., & Parks, B.T. (1988). Secondary school professionals' ability to identify depression in adolescents. *Adolescence*, 23, σσ. 73-82.

Maccoby, E. E., & Jacklin, C. N. (1974). The psychology of sex differences. Stanford, CA: *Stanford University Press*.

Maloney, E. A., Ramirez, G., Gunderson, E. A., Levine, S. C., & Beilock, S. L. (2015). Intergenerational effects of parents' math anxiety on children's math achievement and anxiety. *Psychological Science*, 26(9), σσ. 1480–1488.

Mammarella, I. C., Ghisi, M., Bomba, M., Bottesi, G., Caviola, S., Broggi, F., & Nacinovich, R. (2014). *Anxiety and Depression in Children With Nonverbal Learning Disabilities, Reading Disabilities, or Typical Development*. *Journal of Learning Disabilities*, 49(2), σσ. 130–139. doi:10.1177/0022219414529336.

March, JS. (1998). Multidimensional anxiety scale for children. *Multi-Health Systems, North Tonawanda*.

Margalit, M., & Raviv, A. (1984). LD's expressions of anxiety in terms of minor somatic

- complaints. *Journal of Learning Disabilities*, 17, σσ. 226-228.
- Margalit, M., & Shulman, S. (1986). Autonomy perceptions and anxiety expressions of Learning Disabilities of learning-disabled adolescents. *Journal of Learning Disabilities*, 19, σσ. 291-293.
- Μαριδάκη-Κασσωτάκη, Α. (2011). *Παιδαγωγική Ψυχολογία*. Αθήνα: Διάδραση.
- Μαρκοβίτης Μ., & Τζουριάδου, Μ. (1991). *Μαθησιακές Δυσκολίες. Θεωρία και Πράξη*. Θεσσαλονίκη: Προμηθεύς.
- Martínez, R. S., & Semrud-Clikeman, M. (2004). Emotional Adjustment and School Functioning of Young Adolescents with Multiple Versus Single Learning Disabilities. *Journal of Learning Disabilities*, 37(5), σσ. 411–420. doi:10.1177/00222194040370050401.
- Ma, X., Xu, J. (2004). The causal ordering of mathematics anxiety and mathematics achievement: a longitudinal panel analysis. *J Adolesc*, 27, σσ. 165-179.
- Mazzocco, M. M., & Myers, G. F. (2003). Complexities in identifying and defining mathematics learning disability in primary school-age years. *Annals of Dyslexia*, 53, σσ. 218-253.
- McClure, J., Meyer, L. H., Garisch, J., Fischer, R., Weir, K. F., & Walkey, F. H. (2011). Students' attributions for their best and worst marks: Do they relate to achievement? *Contemporary Educational Psychology*, 36(2), σσ. 71–81. doi:10.1016/j.cedpsych.2010.11.001.
- McGee, R., Williams, S., Share, D., Anderson, J. & Silva, P. (1986). The relationship between specific reading retardation, general reading backwardness and behavioural problems in a large sample of Dunedin boys: A longitudinal study from five to eleven years. *Journal of Child Psychology and Psychiatry*, 27(5), σσ. 597–610.
- McKinney, J.D., & Feagans, L. (1983). Adaptive classroom behavior of learning disabled children. *Journal of Learning Disabilities*, 16, σσ. 360-367.
- Miller, L., Barrett, C, Hampe, E., & Noble, H. (1972). Factor structure of children's fears.

- Journal of Consulting and Clinical Psychology*, 39, σσ. 264-268.
- Miller, C., Hynd, G. G., & Miller, S. (2005). Children with dyslexia: Not necessarily at risk for elevated internalizing symptoms. *Reading and Writing*, 18, σσ. 425–436.
- Nelson, J. M., & Harwood, H. (2010). Learning Disabilities and Anxiety: A Meta-Analysis. *Journal of Learning Disabilities*, 44(1), σσ. 3–17. doi:10.1177/0022219409359939.
- Newcomer, P. L., Barenbaum, E., & Pearson, N. (1995). Depression And Anxiety In Children And Adolescents With Learning Disabilities, Conduct Disorders, And No Disabilities. *Journal of Emotional and Behavioral Disorders*, 3(1), σσ. 27–39. doi:10.1177/106342669500300104.
- Nicaise, M. (1995). Treating test anxiety: A review of three approaches. *Teacher Education and Practice*, 11, σσ. 65–81.
- Nicholls, J. G. (1989). The competitive ethos and democratic education. Cambridge, MA: Harvard University Press.
- Owens, M., Stevenson, J., Hadwin, J. A., & Norgate, R. (2012). Anxiety and depression in academic performance: An exploration of the mediating factors of worry and working memory. *School Psychology International*, 33, σσ. 433–449. doi:10.1177/0143034311427433.
- Paget, K. D., & Reynolds, C. R. (1984). Dimensions, levels and reliabilities on the Revised Children's Manifest Anxiety Scale with learning disabled children. *Journal of Learning Disabilities*, 17, σσ. 137- 141.
- Palmer, D.J., Drummond, F., Tollison, P., & Zinkgraff, S. (1982). An attributional investigation of performance outcomes for learning-disabled and normal-achieving pupils. *The Journal of Special Education*, 16, σσ. 207-219.
- Παντελιάδου, Σ. (2011). *Μαθησιακές Δυσκολίες και Εκπαιδευτική Πράξη. Τι & Γιατί*. Αθήνα: Πεδίο.
- Παπαδάτος, Γ. (2010). *Ψυχικές διαταραχές και μαθησιακές δυσκολίες παιδιών και εφήβων*. Αθήνα: Gutenberg.

Papanastasiou, G., Drigas, A., Skianis, C., Lytras, M., Papanastasiou, E. (2017). Patient-Centric ICTs based Healthcare for students with learning, physical and/or sensory disabilities. *Telematics and Informatics*.
doi: <https://doi.org/10.1016/j.tele.2017.09.002>.

Papay, J. P., Costello, R. J., Hedl, J. J., & Spielberger, C. D. (1975). Effects of trait and state anxiety on the performance of elementary school children in traditional and individualized multiage classrooms. *Journal of Educational Psychology*, 67, σσ. 840- 846.

Papay, J. P., & Spielberger, C. D. (1986). Assessment of anxiety and achievement in kindergarten and first- and second grade children. *Journal of Abnormal Child Psychology*, 14, σσ. 279-286.

Pappas, M. A., Polychroni, F., & Drigas, A. S. (2019). Assessment of Mathematics Difficulties for Second and Third Graders: Cognitive and Psychological Parameters. *Behavioral Sciences*, 9(7), 76. doi:10.3390/bs9070076.

Passolunghi, M. C. (2011). Cognitive and Emotional Factors in Children with Mathematical Learning Disabilities. *International Journal of Disability, Development and Education*, 58(1), σσ. 61–73.
doi:10.1080/1034912x.2011.547351.

Pearl, R., & Bay, M. (1999). Psychosocial correlates of learning disabilities. In V. L. Schwaen, & D. H. Saklofske (Eds.), *Handbook of psychosocial characteristics of exceptional children*, σσ. 443–470.

Pekrun, R. (2000). A social-cognitive, control-value theory of achievement emotions. In J. Heckhausen (Ed.), *Motivational psychology of human development: Developing motivation and motivating development*, σσ. 143–164.

Peleg, O. (2009). Test Anxiety, Academic Achievement, and Self- Esteem among Arab Adolescents with and without Learning Disabilities. *Volume 32, Learning Disability Quarterly*.

Pintrich, P. R., Anderman, E. M., & Klobucar, C. (1994). Intraindividual differences in motivation and cognition in students with and without learning disabilities.

Journal of Learning Disabilities, 27, σσ. 360-370.

Pintrich, P. R., & De Groot, E. (1990). Motivational and self-regulated learning components of classroom academic performance. *Journal of Educational Psychology*, 82, σσ. 33–40.

Πολυχρόνη, Φ. (2011). *Ειδικές Μαθησιακές Δυσκολίες*. Αθήνα: Πεδίο.

Πόρποδας, Κ. (1981). *Δυσλεξία. Η ειδική διαταραχή στη μάθηση του γραπτού λόγου (Ψυχολογική Θεώρηση)*. Αθήνα: Εκπαιδευτήρια «Μορφωτική».

Pratt, P., Tallis, F., & Eysenck, M. (1997). Information-processing, storage characteristics and worry. *Behaviour Research and Therapy*, 35(11), σσ. 1015–1023. doi:10.1016/s0005-7967(97)00057-0.

Ramirez, G., Shaw, S. T., & Maloney, E. A. (2018). Math anxiety: Past research, promising interventions, and a new interpretation framework. *Educational Psychologist*, 53(3), 145–164.

Raven, JC. (2008). Colured Progressive Matrices. Firenze: Organizzazioni Speciali.

Rhodewalt F, Vohs KD. (2005). Defensive strategies, motivation and the self. In AJ Elliott, CS Dweck (Eds.). *Handbook of competence and motivation*. Guilford, New York, USA.

Richman, N., Stevenson, J. & Graham, P.J. (1982). Pre-school to school: a behavioural study. *London: Academic Press*.

Riddick, B., Sterling, C., Farmer, M., & Morgan, S. (1999). Self-esteem and anxiety in the educational histories of adult dyslexic students. *Dyslexia*, 5, σσ. 227–248.

Rietz, C. S., Hasselhorn, M., & Labuhn, A. S. (2012). Are Externalizing and Internalizing Difficulties of Young Children with Spelling Impairment Related to their ADHD Symptoms? *Dyslexia*, 18(3), σσ. 174–185. doi:10.1002/dys.1442.

Ritter, D.R. (1989). Social competence and problem behavior of adolescent girls with learning disabilities. *Journal of Learning Disabilities*, 22, σσ. 460-461.

Rizzo, J., & Zabel, R. (1988). Educating children and adolescents with behavioral disorders: An integrative approach. *Boston: Allyn & Bacon*.

- Robinson, B. W. (1966). A study of anxiety and academic achievement. *Journal of Consulting Psychology, 30*(2), σσ. 165–167.
- Rodriguez, C. M., & Routh, D. K. (1989). Depression, Anxiety, and Attributional Style in Learning-Disabled and Non-Learning-Disabled Children. *Journal of Clinical Child Psychology, 18*(4), σσ. 299–304. doi:10.1207/s15374424jccp1804_2.
- Rosenberg, M. (1965). Society and adolescent self-image. *Princeton, NJ: Princeton University Press.*
- Rothman, H. R., & Cosden, M. (1995). The Relationship between Self-Perception of a Learning Disability and Achievement, Self-Concept and Social Support. *Learning Disability Quarterly, 18*(3), σσ. 203–212. doi:10.2307/1511043.
- Rourke, B. P. & Conway, J. A. (1997). Disabilities of arithmetic and mathematical reasoning: Perspectives from neurology and neuropsychology. *Journal of Learning Disabilities, 30*, σσ. 34-46.
- Rubinsten, O., & Tannock, R. (2010). Mathematics anxiety in children with developmental dyscalculia. *Behavioral and Brain Functions, 6*, 46. doi:10.1186/1744-9081-6-46.
- Rutter, M., Tizard, J., Yule, W., Graham, P., & Whitmore, K. (1976). Isle of Wight Studies, 1964–19741. *Psychological Medicine, 6*(02), 313. doi:10.1017/s003329170001388x.
- Sainio, P. J., Eklund, K. M., Ahonen, T. P. S., & Kiuru, N. H. (2019). The Role of Learning Difficulties in Adolescents' Academic Emotions and Academic Achievement. *Journal of Learning Disabilities,* 002221941984156. doi:10.1177/0022219419841567.
- Sarason, S. B., Davidson, K. S., Lighthall, F. F., Waite, R. R., & Ruebush, B. K. (1960). Anxiety in elementary school children. *New York: Wiley.*
- Segool, N., Carlson, J., Goforth, A., Von der Embse, N., & Barterian, J. (2013). Heightened test anxiety among young children: Elementary school students' anxious responses to high-stakes testing. *Psychology in the Schools, 50*, σσ. 489–499. doi:10.1002/pits.21689.

- Shalev, R. S., Auerbach, J., & Gross-Tsur, V. (1995). Developmental dyscalculia behavioral and attentional aspects: A research note. *Journal of Child Psychology and Psychiatry*, 36(7), σσ. 1261–1268.
- Shaywitz, S. E. (1998). Current concepts: Dyslexia. *New England Journal of Medicine*, 338(5), σσ. 307-312.
- Shaywitz, B. A., Swaywitz, S. E., Pugh, K. R., Menci, W. E., Fulbright, R. K., Skudlarski, P., et al. (2002). Disruption of posterior brain systems for reading in children with developmental dyslexia. *Biological Psychiatry*, 52, σσ. 101-110.
- Sideridis, G. (2007). Why are students with LD depressed? A goal orientation model of depression vulnerability. *Journal of Learning Disabilities*, 40, σσ. 526–539.
- Silverman, W.K., Albano, A.M. (1996). The anxiety disorders interview schedule for DSM-IV-child and parent versions. *Psychological Corporation, San Antonio*.
- Silverman, W. K., La Greca, A. M., & Wasserstein, S. (1995). What do children worry about? Worries and their relation to anxiety. *Child Development*, 66, σσ. 671–686. doi:10.2307/1131942.
- Silverthorn, N. (2002). Examining adolescent self-esteem in the context of development trajectories and academic achievement from grade 8 to 11. *Dissertation Abstract International*, 63(1B), 570ss.
- Sines, J., Pauker, J., Sines, L., & Owen, D. (1969). Identification of clinically relevant dimensions of children's behavior. *Journal of Consulting and Clinical Psychology*, 33, σσ. 728-734.
- Smart, D., Sanson, A. & Prior, M. (1996). Connections between reading difficulty and behaviour problems: Testing temporal and causal hypotheses. *Journal of Abnormal Child Psychology*, 24, σσ. 262–383.
- Sourander, A., Multimäki, P., Nikolakaros, G., Haavisto, A., Ristkari, T., Helenius, H., Almqvist, F. (2005). Childhood predictors of psychiatric disorders among boys: A prospective community-based follow-up study from age 8 years to early adulthood. *Journal of the American Academy of Child and Adolescent Psychiatry*, 44, σσ. 756–767.

- Spielberger, C.D., Gorsuch, R.L., & Lushene, R.E. (1970). The state-trait anxiety inventory. *Palo Alto, CA: Consulting Psychologists Press.*
- Spielberger, C. D., & Vagg, P. R. (1995). Test anxiety: A transactional process model. In C. D. Spielberger & P. R. Vagg (Eds.), *Test anxiety: Theory, assessment, and Treatment*, σσ. 3–14. *Washington, DC: Taylor & Francis.*
- Spreen, O. (1989). The relationship between learning disability, emotional disorders, and neuropsychology: some results and observations. *Journal of Clinical and Experimental Neuropsychology, 11*(1), σσ. 117–140. doi:10.1080/01688638908400880.
- Σταθοπούλου, Α., Καραμπατζάκη, Ζ., Πανταζοπούλου, Μ., & Παπαδάτος, Γ. (2015). Σχέση μαθησιακών δυσκολιών με την εμφάνιση ψυχολογικών προβλημάτων σε μαθητές Δ/βάθμιας εκπαίδευσης. *Πρακτικά 5ου Πανελλήνιου Συνεδρίου Επιστημών Εκπαίδευσης*, σσ. 1339-1346. Αθήνα: Π.Τ.Δ.Ε., Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, Τομέας Ειδικής Αγωγής και Ψυχολογίας.
- Stein, P. A., & Hoover, J. H. (1989). Manifest Anxiety in Children with Learning Disabilities. *Journal of Learning Disabilities, 22*(1), σσ. 66–66. doi:10.1177/002221948902200113.
- Stevens, S. A. (2001). Test anxiety and beliefs about testing in college students with and without learning disabilities. *Dissertation Abstracts International, 61*, 7-A.
- Stevenson, D., & Romney, D. (1984). Depression in learning disabled children. *Journal of Learning Disabilities, 10*, σσ. 579-582.
- Strumpf, J. A., & Fodor, I. G. (1993). The Treatment of Test Anxiety in Elementary School-Age Children. *Child & Family Behavior Therapy, 15*(4), σσ. 19–42. doi:10.1300/j019v15n04_02.
- Sturge, C. (1982). Reading retardation and antisocial behaviour. *Journal of Child Psychology and Psychiatry, 23*, σσ. 21–31.
- Suárez-Pellicioni, M., Núñez-Peña, M. I., & Colomé, A. (2016). Math anxiety: A review

- of its cognitive consequences, psychophysiological correlates, and brain bases. *Cognitive, Affective & Behavioral Neuroscience*, 16, σσ. 3–22. doi:10.3758/s13415-015-0370-7.
- Svetaz, M. V., Ireland, M., & Blum, R. (2000). Adolescents with learning disabilities: risk and protective factors associated with emotional well-being: findings from the National Longitudinal Study of Adolescent Health. *Journal of Adolescent Health*, 27(5), σσ. 340–348. doi:10.1016/s1054-139x(00)00170-1.
- Swanson, H. L. (1991). Operational Definitions and Learning Disabilities: An Overview. *Learning Disability Quarterly*, 14(4), σσ. 242–254. doi:10.2307/1510661.
- Swanson, S., & Howell, C. (1996). Test anxiety in adolescents with learning disabilities and behavior disorders. *Exceptional Children*, 62, σσ. 389-397.
- Teichman, R., & Melnik, H. (1977). STAI: A Hebrew adaptation of the State-Trait Anxiety Inventory. Tel Aviv, Israel: Tel Aviv University.
- Thaler, N. S., Kazemi, E., & Wood, J. J. (2010). Measuring Anxiety in Youth with Learning Disabilities: Reliability and Validity of the Multidimensional Anxiety Scale for Children (MASC). *Child Psychiatry & Human Development*, 41(5), σσ. 501– 514. doi:10.1007/s10578-010-0182-5.
- Thomas, A. (1979). Learned helplessness and expectance factors: Implications for research in learning disabilities. *Review of Educational Research*, 49, σσ. 208–221.
- Thompson, P. H., Marcal, S. D., & Marcal, D. C. (1992). A meta-analysis of self-reported personality characteristics of children and adolescents with learning disabilities. *Journal of Psychoeducationed Assessment*, 10, σσ. 59-64.
- Tobias, S. (1979). Anxiety research in educational psychology. *Journal of Educational Psychology*, 71, σσ. 573–582.
- Tsovili, T. D. (2004). The relationship between language teachers' attitudes and the state-trait anxiety of adolescents with dyslexia. *Journal of Research in Reading*, 27(1), σσ. 69–86. doi:10.1111/j.1467-9817.2004.00215.x.

Τζιβινίκου, Σ., 2015. *Μαθησιακές δυσκολίες - διδακτικές παρεμβάσεις*. [ηλεκτρ. βιβλ.]

Αθήνα: Σύνδεσμος Ελληνικών Ακαδημαϊκών Βιβλιοθηκών. Διαθέσιμο στο:
<http://hdl.handle.net/11419/5332>.

Valas, H. (1999). Students with learning disabilities and low achieving students: Peer acceptance, loneliness, self-esteem, and depression. *Social Psychology of Education*, 3, σσ. 173-192.

Vaughn, S., & Fuchs, L. S. (2003). Redefining Learning Disabilities as Inadequate Response to Instruction: The Promise and Potential Problems. *Learning Disabilities Research and Practice*, 18(3), σσ. 137–146. doi:10.1111/1540-5826.00070.

Wachelka, D., & Katz, R. C. (1999). Reducing test anxiety and improving academic self-esteem in high school and college students with learning disabilities. *Journal of Behavior Therapy*, 30, σσ. 191-198.

Wenz-Gross, M., & Siperstein, G. (1998). Students with learning problems at risk in middle school: Stress, social support and adjustment. *Exceptional Children*, 65, σσ. 91–100.

Whitaker Sena, J. D., Lowe, P. A., & Lee, S. W. (2007). Significant Predictors of Test Anxiety Among Students With and Without Learning Disabilities. *Journal of Learning Disabilities*, 40(4), σσ. 360–376.
doi:10.1177/00222194070400040601.

White, J. L., Moffitt, T. E., & Silva, P. A. (1992). Neuropsychological and socio-emotional correlates of specific-arithmetic disability. *Archives of Clinical Neuropsychology*, 7(1), σσ. 1–16.

Willcutt, E. G., & Pennington, B. F. (2000). Psychiatric comorbidity in children and adolescents with reading disability. *Journal of Child Psychology and Psychiatry*, 41(8), σσ. 1039–1048.

Wilmhurst, L. (2011). *Εξελικτική Ψυχοπαθολογία: Μία Αναπτυξιακή Προσέγγιση*, (Επιμ. Η. Μπεζεβέγκης). Αθήνα: Gutenberg.

- Wilson, A., Armstrong, C. D., Furrie, A., & Walcot, E. (2009). The mental health of Canadians with self-reported learning disabilities. *Journal of Learning Disabilities*, 42, σσ. 24–40.
- Winne, P.H., Woodlands, M.J., & Wong, B.Y.L. (1982). Comparability of self-concept among learning disabled, normal, and gifted students. *Journal of Learning Disabilities*, 15, σσ. 470-475.
- World Health Organization (1993). The ICD-10 Classification of Mental and Behavioural Disorders: Diagnostic Criteria for Research. Geneva: WHO.
- Wren, D. G., & Benson, J. (2004). Measuring test anxiety in children: Scale development and internal construct validation. *Anxiety, Stress, and Coping*, 17, σσ. 227–240.
- Wright-Strawderman, C., & Watson, B. (1988). Family therapy for learning disabled and attention deficit disordered children. *Journal of Learning Disabilities*, 58, σσ. 196-210.
- Yasutake, D., & Bryan, T. (1995). The Influence of Affect on the Achievement and Behavior of Students with Learning Disabilities.
<https://doi.org/10.1177/002221949502800603>.
- Young, F. A., & Brown, M. (1973). Effects of test anxiety and testing conditions on intelligence test scores of elementary school boys and girls. *Psychological Reports*, 32, σσ. 643–649.
- Ζαφειροπούλου, Μ. & Καλαντζή-Αζίζη, Α. (2011). *Προσαρμογή στο σχολείο. Πρόληψη και αντιμετώπιση δυσκολιών*. Αθήνα: Πεδίο.
- Zeidner, M. (1998). Test anxiety: The state of the art. *New York: Plenum Press*.
- Zeidner, M., & Safir, M. P. (1989). Sex, ethnic, and social differences in test anxiety among Israeli adolescents. *Journal of Genetic Psychology*, 150, σσ. 175–185.
- Zeidner, M., & Schleyer, E. S. (1999). Test anxiety in intellectually gifted school students. *Anxiety, Stress, and Coping*, 12, σσ. 163 – 189.