

## Conf. univ. dr. Dana Rad

### Lista lucrarilor

#### Articole:

1. Redes, A., Rad, D., Roman, A., Bocos, M., Chis, O., Langa, C., ... & Costin, A. (2023). The Effect of the Organizational Climate on the Integrative–Qualitative Intentional Behavior in Romanian Preschool Education—A Top-Down Perspective. *Behav. Sci*, 13, 342.
2. Runcan, R., Runcan, P., Dana, R. A. D., & Marici, M. (2023). Alexithymia and Mental Health in Adolescents: A Scoping Review. *International Journal of Social and Educational Innovation (IJSEIro)*, 42-68.
3. Dughi, T., Rad, D., Runcan, R., Chiş, R., Vancu, G., Maier, R., ... & Mihaela, M. C. (2023). A Network Analysis-Driven Sequential Mediation Analysis of Students’ Perceived Classroom Comfort and Perceived Faculty Support on the Relationship between Teachers’ Cognitive Presence and Students’ Grit—A Holistic Learning Approach. *Behavioral Sciences*, 13(2), 147.
4. Rad, D., Egerău, A., Roman, A., Dughi, T., Kelemen, G., Balaş, E., ... & Kiss, C. (2023). On the technology acceptance behavior of Romanian preschool teachers. *Behavioral Sciences*, 13(2), 133.
5. Manate, D., Lile, R., Rad, D., Szentesi, S. G., & Cuc, L. D. (2023). An Analysis of the Concept of Green Buildings in Romania in the Context of the Energy Paradigm Change in the EU. *Transformations in Business & Economics*, 22(1), 115-129.
6. Rad, D., Redeş, A., Roman, A., Egerău, A., Lile, R., Demeter, E., ... & Chiş, R. (2022). The use of theory of planned behavior to systemically study the integrative-qualitative intentional behavior in Romanian preschool education with network analysis. *Frontiers in Psychology*, 13.
7. Rad, D., Cuc, L. D., Lile, R., Balas, V. E., Barna, C., Pantea, M. F., ... & Rad, G. (2022). A Cognitive Systems Engineering Approach Using Unsupervised Fuzzy C-Means Technique, Exploratory Factor Analysis and Network Analysis—A Preliminary Statistical Investigation of the Bean Counter Profiling Scale Robustness. *International Journal of Environmental Research and Public Health*, 19(19), 12821.
8. Cuc, L. D., Feher, A., Cuc, P. N., Szentesi, S. G., Rad, D., Rad, G., ... & Joldes, C. S. R. (2022). A Parallel Mediation Analysis on the Effects of Pandemic Accentuated Occupational Stress on Hospitality Industry Staff Turnover Intentions in COVID-19 Context. *International Journal of Environmental Research and Public Health*, 19(19), 12050.
9. Chiş, R., Ignat, S., Rad, D., & Macsinga, I. (2022). The Mediation Role of an Individual’s and Couple’s Psychological Factors, Including Parenting in the Prediction of Relational and Marital Satisfaction. *International Journal of Environmental Research and Public Health*, 19(17), 11011.
10. Paudel, P. K., Bastola, R., Eigenbrode, S. D., Borzée, A., Thapa, S., Rad, D., ... & Adhikari, S. (2022). Perspectives of scholars on the origin, spread and consequences of COVID-19

- are diverse but not polarized. *Humanities and Social Sciences Communications*, 9(1), 1-11.
11. Redes, A., Rad, D., Roman, A., Egerau, A., & Balas, E. (2022). Theorizing An Integrative-Qualitative Intentional Behavior Model In Romanian Preschool Teachers For Sdg4 (Equal Access To Quality Pre-Primary Education): 10.24250/jpe/1/2022/AR/DR/AFR/AE/EB. *Journal Plus Education*, 30(1), 79-89.
  12. Rad, D., Egerau, A., Roman, A., Dughi, T., Balas, E., Maier, R., ... & Rad, G. (2022). A Preliminary Investigation of the Technology Acceptance Model (TAM) in Early Childhood Education and Care. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 13(1), 518-533.
  13. Tarihoran, N., Lolandes, E. Y. G., Sánchez, A. D. C. G., Diaz, M. A. A., Rad, D., Sameem, M. A. M., ... & Alanya-Beltran, J. (2022). "From bricks to Click": Metacognitive Reading Skills of Students in the Pre and During Pandemic Era. *Journal of Positive Psychology and Wellbeing*, 6(1), 296-306.
  14. Rad, D., Rad., G., Maier, R., & Ignat, S. (2022). Theorizing a Technology Acceptance Model in ECEC in Romanian Preschool Teachers. *Agora Psycho-Pragmatica*, 15(1).
  15. Rad, D., Redeş, A., Roman, A., Ignat, S., Lile, R., Demeter, E., Egerău, A., Dughi, T., Balaş, E., Maier, R. and Kiss, C., & Rad, G. (2022). Pathways to inclusive and equitable quality early childhood education for achieving SDG4 goal—a scoping review. *Frontiers in Psychology*, 4306.
  16. Hirota, V. B., Santana, J., Yanase, L., Blat, C. J., Verardi, C. E. L., da Cunha, M. R., ... & Rad, D. (2022). Adaptação de instrumento de atitudes para competições esportivas. *Revista Multidisciplinar da Saúde*, 4(2), 66-72.
  17. Rad, D., Magulod Jr, G. C., Balas, E., Roman, A., Egerau, A., Maier, R., ... & Chis, R. (2022). A radial basis function neural network approach to predict preschool Teachers' Technology acceptance behavior. *Frontiers in Psychology*, 13.
  18. Iqbal, M., Shet, J. P., Alsaraireh, M. Y., Rad, D., Ignat, S., Sameem, M. A. M., & Beltran, J. A. (2022). Interplaying Factors of Students Personal Characteristics in Online Learning Modality: Evidence in Asian Context. *World Journal of English Language*, 12(2), 392-392.
  19. Yarbakhsh, R., Ali Reza Mortazavi, S., Mortazavi, S. M., Parsaei, H., & Rad, D. (2022). Artificial intelligence effectively predicts the COVID-19 death rate in different UK cities. *Journal of Intelligent & Fuzzy Systems*, (Preprint), 1-5.
  20. Rad, D., Rad, G., Maier, R., Demeter, E., Dicu, A., Popa, M., ... & Mărineanu, V. D. (2022). A Fuzzy logic modelling approach on psychological data. *Journal of Intelligent & Fuzzy Systems*, (Preprint), 1-11.
  21. Iliu, I., Rad, D., Dughi, T., Egerau, A., Demeter, E., & Rad, G. (2022). Schadenfreude and life satisfaction: effect of anger and aggressiveness. *Technium Soc. Sci. J.*, 28, 76.
  22. Rad, D., Redeş, A., Roman, A., Egerău, A., Lile, R., Demeter, E., ... & Chiş, R. (2022). The use of theory of planned behavior to systemically study the integrative-qualitative intentional behavior in Romanian preschool education with network analysis. *Frontiers in Psychology*, 13, 1017011, <https://doi.org/10.3389/fpsyg.2022.1017011>.

23. Rad, D., & Rad, G. (2021). Going Agile, a Post-Pandemic Universal Work Paradigm-A Theoretical Narrative Review. *Postmodern Openings*, 12(4), 337-388.
24. Ştefan, L.I., Gordan, A., Rad, A. (2022). Employees motivational enhancement techniques in Covid-19 pandemic - an internet based blog posts systematic review. *Agora Psycho-Pragmatica*, 15(1), 24-34.
25. Venkatraman, Y., Balas, V. E., & Rad, D. (2021). Graph Theory Applications to Comprehend Epidemics Spread of a Disease. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 12(2), 161-177.
26. Demeter, E., Rad, D., & Balas, E. (2021). Schadenfreude and General Anti-Social Behaviours: The Role of Violent Content Preferences and Life Satisfaction. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 12(2), 98-111.
27. Rad, D., Demeter, E., & Maier, R. (2021). A predictive model of Shadenfreude, a Machiavellianism facet. *Journal Plus Education*, 28(1), 142-152.
28. Rad, D., Demeter, E., Maier, R., & Rad, G. (2021). Schadenfreude as a Mediator in the Relationship Between Empathy and Difficulties in Following the Rules. *Journal Plus Education/Educatia Plus*, 29(2).
29. Rad, D., & Rad, G. (2021). The relationship between social media context awareness and active coping during COVID-19: the mediation effect of positive reframing. *Technium Soc. Sci. J.*, 21, 534.
30. Rad, D., & Rad, G. (2021). Theories of change in Agile Psychology. *Technium Soc. Sci. J.*, 21, 570.
31. Rad, D., & Rad, G. (2021). Theory of Change in Digital Behavior Change Interventions (Dbcis) and Community-Based Change Initiatives-A General Framework. *Technium Soc. Sci. J.*, 21, 554.
32. Costin, A., & Rad, D. (2021). Coping with a narcissistic partner during lockdown-A qualitative research. *Technium Soc. Sci. J.*, 20, 900.
33. Rad, D., & Rad, G. (2021). Theory of Change and agile community digital psychological interventions. *Technium Soc. Sci. J.*, 20, 632.
34. Rad, D., Demeter, E., Ignat, S., Rad, G., & Redes, A. (2020). The Relationship Between Psychological Disorders Associated With Social Media Use Perception And Fake Perceived Online Persona Awareness. *Journal Plus Education*, 27(2), 84-93.
35. Rad, D., & Balas, V. E. (2020). A Novel Fuzzy Scoring Approach of Behavioural Interviews in Personnel Selection. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 11(2), 178-188.
36. Rad, D., & Demeter, E. (2020). A Moderated Mediation Effect of Online Time Spent on Internet Content Awareness, Perceived Online Hate Speech and Helping Attitudes Disposal of Bystanders. *Postmodern Openings*, 11(2 Supl 1), 107-124.
37. Dana, R. A. D., Kelemen, G., Egerau, A., Roman, A., Dughi, T., Demeter, E., & Ignat, S. (2020). Predictors of lack of emotional awareness in emotional regulation of youth facing online hate speech. *Agora Psycho-Pragmatica*, 14(1).
38. Rad, D., Balas, V., Lile, R., Demeter, E., Dughi, T., & Rad, G. (2020). Statistical Properties of a New Social Media Context Awareness Scale (SMCA)—A Preliminary Investigation. *Sustainability*, 12(12), 5201.

39. Rad, D., Balas, E., Ignat, S., Rad, G., & Dixon, D. (2020). A Predictive Model of Youth Bystanders' Helping Attitudes. *Romanian Journal for Multidimensional Education/Revista Romaneasca pentru Educatie Multidimensionala*, 12.
40. Demeter, E., & Rad, D. (2020). Global life satisfaction and general antisocial behavior in young individuals: the mediating role of perceived loneliness in regard to social sustainability—a preliminary investigation. *Sustainability*, 12(10), 4081.
41. Rad, D., Roman, A., Dughi, T., Demeter, E., & Rad, G. (2019). The dynamics of the relationship between just-for-fun online harassment and perceived school safety. INNODOCT 2019, Valencia, 6–8 November 2019.
42. Rad, D., Dixon, D., & Rad, G. (2020). Digital Outing Confidence as a Mediator in the Digital Behavior Regulation and Internet Content Awareness Relationship. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 11(1), 84-95.
43. Roman, A., Rad, D., Egerau, A., Dixon, D., Dughi, T., Kelemen, G., ... & Rad, G. (2020). Physical Self-Schema Acceptance and Perceived Severity of Online Aggressiveness in Cyberbullying Incidents. *Journal of Interdisciplinary Studies in Education*, 9(1), 100-116.
44. Gal, V., Banerjee, S., & Rad, D. V. (2020). Identifying emotion pattern from physiological sensors through unsupervised EMDeep model. *Journal of Intelligent & Fuzzy Systems*, 38(5), 5999-6017.
45. Tariq, M. I., Tayyaba, S., Ali Mian, N., Sarfraz, M. S., De-la-Hoz-Franco, E., Butt, S. A., ... & Rad, D. V. (2020). Combination of AHP and TOPSIS methods for the ranking of information security controls to overcome its obstructions under fuzzy environment. *Journal of Intelligent & Fuzzy Systems*, 38(5), 6075-6088.
46. Gal, V., Banerjee, S., & Rad, D. V. (2020). Investigation of Emotion Instances and Class Analysis from Physiological Sensors by Unsupervised Hybrid EMDeep Model. *Journal of Intelligent and Fuzzy Systems*, 38(5), 5999-6017.
47. Rad, D., & Demeter, E. (2019). Youth Sustainable Digital Wellbeing. *Postmodern Openings*, 10(4), 104-115.
48. Rad, D., Dughi, T., Demeter, E., & Rad, G. (2019). The Dynamics of the Relationship between Humor and Benevolence as Values. *Revista Romaneasca pentru Educatie Multidimensionala*, 11(3), 201-212.
49. Rad, D., Dughi, T., Demeter, E., & Rad, G. (2019). The Dynamics of the Relationship between Humor and Benevolence as Values. *Revista Romaneasca pentru Educatie Multidimensionala*, 11(3), 201-212.
50. Rad, D. T., Dughi, T., Roman, A., & Ignat, S. (2019). Perspectives of Consent Silence in Cyberbullying. *Postmodern Openings*, 10(2), 57-73.
51. Kelemen, G., Rad, D., Demeter, E., Maier, R., Egerau, A., & Balas, E. (2019). Revenge and ignorance as weapons of hate speech: 10.24250/jpe/2/2019/gk/dr/rm/ed/ae/eb. *Journal Plus Education*, 25(2), 132-136.
52. Bălaș-Timar, D. D. (2019). The dynamic relationship between humor and universalism as growth anxiety-free type of values. *Educația Plus*, 22(1), 128-133.
53. Bălaș-Timar, D. (2018). Curves and Lines In Statistics—The Implications of Curvilinear Relationship Between Variables in a Research About the Effects of Online Freedom of Speech on Victim Empathy in Cyberbullying Incidents. *Educația Plus*, 19(1), 144-153.

54. Bălaș-Timar, D. (2018). Cultural Differences in Youth Perception about Ghosting Behavior. *Educația Plus*, 20(2), 279-284.
55. Bălaș-Timar, D., Dey, N., & Balas, V. E. (2017). Personnel Selection Algorithm Using Fuzzy Analytic Hierarchy Process. *Romanian Journal of Experimental Applied Psychology*, 8.
56. Balas-Timar, D., Demeter, E., Putin, C., & Rad, G. (2017). The dynamic relationship between consent silence and victim empathy in cyberbullying. *Elérhetőség: <http://bit.ly/2CUjq5H> (Utolsó letöltés: 2018. május 07.)*.
57. Ahmed, S., Dey, N., Ashour, A. S., Sifaki-Pistolla, D., Bălaș-Timar, D., Balas, V. E., & Tavares, J. M. R. (2017). Effect of fuzzy partitioning in Crohn's disease classification: a neuro-fuzzy-based approach. *Medical & biological engineering & computing*, 55(1), 101-115.
58. Hore, S., Chatterjee, S., Sarkar, S., Dey, N., Ashour, A. S., Balas-Timar, D., & Balas, V. E. (2016). Neural-based prediction of structural failure of multistoried RC buildings. *Structural Engineering and Mechanics*, 58(3), 459-473.
59. Kotyk, T., Dey, N., Ashour, A. S., Balas-Timar, D., Chakraborty, S., Ashour, A. S., & Tavares, J. M. R. (2016). Measurement of glomerulus diameter and Bowman's space width of renal albino rats. *Computer methods and programs in biomedicine*, 126, 143-153.
60. Balas-Timar, D., Balas, V. E., Balas, M. M., & Rao, V. (2016). Fuzzy Scoring of Behavioral Interviews Based on Storytelling Approach. In *The 6th World Conference on Soft Computing-WConSC. Academic Press*.
61. Bălaș-Timar, D., Balas, V. E., Lile, R., & Sinha, R. (2016). Fuzzy scoring algorithm and long term job performance. In *Soft Computing Applications* (pp. 925-937). Springer, Cham.
62. Al-Shammari, E. T., Banerjee, S., Balas, D. T., & Yen, N. Y. (2015, September). Exploring the cognitive psychology paradigm of a programming language and identification of emotion under collective intelligence: An experience with an ant colony metaphor. In *2015 18th International Conference on Network-Based Information Systems* (pp. 218-225). IEEE.
63. Choudhury, A., Samanta, S., Dey, N., Ashour, A. S., Bălaș-Timar, D., Gospodinov, M., & Gospodinova, E. (2015). Microscopic image segmentation using quantum inspired evolutionary algorithm. *Journal of Advanced Microscopy Research*, 10(3), 164-173.
64. Ghosh, A., Sarkar, A., Ashour, A. S., Balas-Timar, D., Dey, N., & Balas, V. E. (2015). Grid color moment features in glaucoma classification. *International Journal of Advanced Computer Science and Applications*, 6(9), 99-107.
65. Balas-Timar, D., & Lile, R. (2015). The story of Goldilocks told by organizational psychologists. *Procedia-Social and Behavioral Sciences*, 203, 239-243.
66. Balas-Timar, D., & Ignat, S. (2015). Conceptual applicant screening model with fuzzy logic in industrial organizational contexts. *Procedia-Social and Behavioral Sciences*, 203, 257-263.
67. Balas-Timar, D. (2015). Relationship between job performance and job satisfaction viewed from the chaos theory perspective. *International Journal of Education and Research*, 3(3), 517-534.

68. Balas-Timar, D., Balas, V. E., & Costin, A. (2014). Fuzzy Expert System Applied in Hiring Ratings and Long Term Job Performance Prediction. *Journal of Human Resource and Sustainability Studies*, 2, 157-172.
69. Bălaș-Timar, D., & Balas, V. E. (2014). Standardized Professional Counseling Techniques Using Interpolative Fuzzy Expert System In Romanian Professional Vocational Counselling Services Funded By European Union. *Agora Psycho-Pragmatica*, 8(1), 169-180.
70. Rao, D., & Balas-Timar, D. (2014). A Neuro-Fuzzy hybridization approach to model the pilot agent in air warfare simulation systems. *Journal of Battlefield Technology*, 17(1), 23-30.
71. Bălaș-Timar, D. (2014). Is it Psychology about Linear or Dynamic Systems?. *SEA–Practical Application of Science*, 2(04), 189-195.
72. Vijay Rao, D., & Balas-Timar, D. (2014). A soft computing approach to model human factors in air warfare simulation system. In *Innovations in Intelligent Machines-5* (pp. 133-154). Springer, Berlin, Heidelberg.
73. Bălaș-Timar, D., Balas, V. E., Lile, R., & Sinha, R. (2016). Fuzzy scoring algorithm and long term job performance. In *Soft Computing Applications* (pp. 925-937). Springer, Cham.
74. Balas-Timar, D. V., & Balas, V. E. (2009, October). Ability estimation in CAT with fuzzy logic. In *2009 4th International Symposium on Computational Intelligence and Intelligent Informatics* (pp. 55-62). IEEE.
75. Șimandan, M., & Bălaș-Timar, D. (2007). Cultura Politică a tinerilor în procesul Integrării României în Uniunea Europeană. *Studia Universitatis Moldaviae (Seria Științe Sociale)*, (6), 271-276.
76. Bălaș-Timar, D., & Balas, V. E. (2007, August). Decision-making in human resources selection methodology. In *2007 2nd International Workshop on Soft Computing Applications* (pp. 123-127). IEEE.
77. Bălaș, D. (2004). Diferențe interregionale pe dimensiunea parohialism/naționalism. *Sociologie Românească*, 2(4), 226-243.

### Capitole cărți:

1. Rad, D., Lile, R., Costin, A., Vancu, G., Torkos, H., Demeter, E., & Rad, G. (2023). Romanian Preschool Teachers' Perceptions About Early Childhood Online Education: A Qualitative Study on the Inclusiveness of Zoom Kindergartens. In *Handbook of Research on Learning in Language Classrooms Through ICT-Based Digital Technology* (pp. 213-229). IGI Global.
2. Rad, D., Balas, V. E., Demeter, E., Dughi, T., Maier, R., Marineanu, V., ... & Chiș, R. (2022). The emerging association between boredom, COVID-19 anxiety, and aggressiveness in imposed prolonged social isolation. *Biomedical Engineering Applications for People with Disabilities and the Elderly in the COVID-19 Pandemic and Beyond*, 85-92.

3. Tariq, M. I., Tayyaba, S., De-la-Hoz-Franco, E., Ashraf, M. W., Rad, D. V., Butt, S. A., & Santarcangelo, V. (2022). Evaluation and Prioritization of Information Security Controls of ISO/IEC 27002: 2013 for SMEs Through Fuzzy TOPSIS. In *Advances in Intelligent Data Analysis and Applications* (pp. 271-289). Springer, Singapore.
4. Egerau, A., Lile, R., Roman, A., Kelemen, G., Rad, D., Dughi, T., & Balas, E. (2021). Perspectives on Early Childhood Education in Romania: a Qualitative Research. *Trends And Prospects Of The Education System And Educators' professional Training Development*, 329.
5. Rad, D., & Rad, G. (2021). Model of Emergent Digital Misbehavior (EDM)—a novel theoretical framework under the Digital Behavior Change Interventions (DBCi) paradigm. *Digital Wellbeing—Implications for Psychological Research*. Peter Lang Publishing House, Berlin.
6. Dana Rad, Gavril Rad, Edgar Demeter and Roxana Maier (2022). Digital wellbeing or finding a balance between consciously connecting and disconnecting: A positive technology design approach. In Eds.: Dana Rad, Tiberiu Dughi, Roxana Maier, Anca Egerău, *Applied Research in Digital Wellbeing*, Peter Lang Publishing House, Berlin, ISBN: 978-3-631-87105-8.
7. Edgar Demeter and Dana Rad (2022). Time spent on digital devices and sadness: The mediating outcome of boredom. In Eds.: Dana Rad, Tiberiu Dughi, Roxana Maier, Anca Egerău, *Applied Research in Digital Wellbeing*, Peter Lang Publishing House, Berlin, ISBN: 978-3-631-87105-8.
8. Dana Rad, Gavril Rad, Edgar Demeter, Violeta Tulceanu (2022). Feature engineering for digital well-being psychological data predictive analysis. In Eds.: Dana Rad, Tiberiu Dughi, Roxana Maier, Sonia Ignat (2022). *Designing for Digital Wellbeing*, Peter Lang Publishing House, Berlin, ISBN: 978-3-631-89086-8.
9. Csaba Kiss, Dana Rad (2022). Critical mass dynamics and nudge theory: implications for change in regards to Digital Well-being. In Eds.: Dana Rad, Tiberiu Dughi, Roxana Maier, Sonia Ignat (2022). *Designing for Digital Wellbeing*, Peter Lang Publishing House, Berlin, ISBN: 978-3-631-89086-8.

### **Cărți:**

1. Dana Rad, Valentina Balas, Vasile Marineanu, Roxana Maier (2022). *Digital Wellbeing – Implications for Psychological Research*, Peter Lang Publishing House, Berlin, ISBN: 978-3-631-85278-1, 2022, <https://www.peterlang.com/document/1137170>
2. Rad, D., Dughi, T., Maier, R., Ignat, S. (2023). *Designing for Digital Wellbeing*. Berlin, Germany: Peter Lang Verlag. ISBN: 978-3-631-892-794, 2023, <https://www.peterlang.com/document/1326422>.
3. Rad, D., Dughi, T., Maier, R., Egerău, A. (2022). *Applied Research in Digital Wellbeing*. Berlin, Germany: Peter Lang Verlag. ISBN: 978-3-631-87136-2, 2023, <https://www.peterlang.com/document/1175495>
4. Dana Rad, Edgar Demeter (coordonatori serie de carte) (2022). *Volum I - Studii de Psihologie*. Serie de carte, Editura Universității Aurel Vlaicu Arad, Arad. ISBN 977-973-752-874-2.

5. Dana Rad, Edgar Demeter, Gabriela Vancu (coordonatori serie de carte) (2022). Volum IV Studii de Psihologie. Serie de carte, Editura Universității Aurel Vlaicu Arad, Arad. ISBN 978-973-752-903-9.
6. Dana Rad, Sehnaz Baltaci Goktalay (2019). Keeping Youth Safe From Cyberbullying, a practical Handbook. Beta Publishing House, Istanbul, ISBN: 978 – 605 – 242, 2019