

Lista lucrărilor publicate pentru întreaga cariera S.L. Dr.Ing. Alex Butean

01.03.2022

A. Teza de doctorat

1. Vasile-Alexandru Butean - „Educational and Assistive IT Tools for Visually Impaired People”. Conducător de doctorat: Prof. Dr. Ing. Florica Moldoveanu. Universitatea Politehnica din Bucuresti. Programul de doctorat a fost sustinut de proiectul KNOWLEDGE – Dezvoltarea resurselor umane din cercetarea doctorala si postdoctorala: motor al societatii bazate pe cunoastere co-finantat POSDRU/159/1.5/S/134398 si de programul H2020 al Uniunii Europene prin Grantul 643636 Sound of Vision. <https://soundofvision.net/>

B. Cărți si capitole în cărți

1. Advanced Cloud Computing Platform For Genetic Algorithm Simulation. Éditions universitaires européennes. ISBN-10: 3330867809, ISBN-13: 978-3330867802, 2017
<https://www.amazon.com/Advanced-Computing-Platform-Algorithm-Simulation/dp/3330867809>

C. Lucrări indexate ISI/BDI

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2. Butean A., Pournaras E., Tara A., Turesson H., Ivkushkin K. (2020) Dynamic Consensus: Increasing Blockchain Adaptability to Enterprise Applications. In: Silhavy R. (eds) Applied Informatics and Cybernetics in Intelligent Systems. CSOC 2020. Advances in Intelligent Systems and Computing, vol 1226. Springer, Cham. https://doi.org/10.1007/978-3-030-51974-2_41, 2020
3. Tara A., Butean A., Zamfirescu C., Learney R. (2020) An Ontology Model for Interoperability and Multi-organization Data Exchange. In: Silhavy R. (eds) Artificial Intelligence and Bioinspired Computational Methods. CSOC 2020. Advances in Intelligent Systems and Computing, vol 1225. Springer, Cham. https://doi.org/10.1007/978-3-030-51971-1_23, 2020
4. Morar, A.; Moldoveanu, A.; Mocanu, I.; Moldoveanu, F.; Radoi, I.E.; Asavei, V.; Gradinaru, A.; Butean, A. A Comprehensive Survey of Indoor Localization Methods Based on Computer Vision. Sensors 2020, 20, 2641. <https://doi.org/10.3390/s20092641>
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8. Butean, Alexandru, PhD; Olescu, Marco Leon; Tocu, Nicolae Adrian; Florea, Adrian, PhD. The International Scientific Conference eLearning and Software for Education; Bucharest Vol. 1, : 61-67. Bucharest: "Carol I" National Defence University. DOI:10.12753/2066-026X-19-007, 2019
9. Bălan O., Moldoveanu A., Butean A., Moldoveanu F., Negoii I., Comparative Research on *Sound Localization Accuracy in the Free-Field and Virtual Auditory Displays*, Proceedings of the 11th International Scientific Conference eLearning and Software for Education, Bucharest, April 23-24, Vol. 1, ISSN: 2343-7669, ISSN-L: 2066-026X, Paper ID 79, 2015
10. Stancu M., Popa E., Butean A., *An Approach To Improve Elearning Platforms Accessibility*, Proceedings of the 11th International Scientific Conference eLearning and Software for Education, Bucharest, April 23-24, Vol. 1, ISSN: 2343-7669, ISSN-L: 2066-026X, Paper ID 41, 2015
11. Harutyunyan P., Butean A., Morar A., Moldoveanu A., Moldoveanu F., *Improving Ergonomics For Sedentary Jobs Through Bodyposture Monitoring*, Proceedings of the 11th International Scientific Conference eLearning and Software for Education, Bucharest, April 23-24, Vol. 1, ISSN: 2343-7669, ISSN-L: 2066-026X, Paper ID 80, 2015
12. Butean A., Bălan O., Moldoveanu A., Moldoveanu F., *Touchscreen Based Audio and Vibro-Tactile Applications as Assistive Systems for People Suffering from Eye Disorders*, The 22nd International Congress on Sound and Vibration, Florence, Italy, 12-16 July 2015, ISSN 2329-3675, ISBN 978-88-88942-48-3, Section T10.SS03, PID 1237, 2015
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 23. Butean A. *Towards understanding blockchain security from an analytical perspective*, Cybersecurity Romania Congress 5'th edition, Sibiu (Romania) 2018
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