

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,  
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT**

**Ing. Sorin Liviu JURJ student doctorand**

**1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)**

**2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings**

1. F. Opritoiu, **S.L. Jurj**, M. Vladutiu “Technological solutions for throughput improvement of a Secure Hash Algorithm-256 engine”, in *2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME)*, Constanta, Romania, Oct 2017, pp. 159-164.
2. **S.L. Jurj**, F. Opritoiu, M. Vladutiu “Identification of Traditional Motifs Using Convolutional Neural Networks”, in *2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME)*, Iasi, Romania, Oct 2018, pp. 191-196
3. R. Rotar, **S.L. Jurj**, F. Opritoiu, M. Vladutiu “Position Optimization Method for a Solar Tracking Device Using the Cast-Shadow Principle”, in *2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME)*, Iasi, Romania, Oct 2018, pp. 61-70
4. **S.L. Jurj**, R. Rotar, F. Opritoiu, M. Vladutiu “White-Box Testing Strategy for a Solar Tracking Device Using NodeMCU Lua ESP8266 Wi-Fi Network Development Board Module”, in *2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME)*, Iasi, Romania, Oct 2018, pp. 53-60
5. **S.L. Jurj**, A.J. Farcas, F. Opritoiu, M. Vladutiu “Mobile application for receipt fraud detection based on optical character recognition”, in *Proc. SPIE 11433, Twelfth International Conference on Machine Vision (ICMV 2019)*, 114330A (31 January 2020); <https://doi.org/10.1117/12.2556377>
6. **S.L. Jurj**, F. Opritoiu, M. Vladutiu “Real-time identification of animals found in domestic areas of Europe”, in *Proc. SPIE 11433, Twelfth International Conference on Machine Vision (ICMV 2019)*, 114330A (31 January 2020); <https://doi.org/10.1117/12.2556376>
7. **S.L. Jurj**, R. Rotar, F. Opritoiu, M. Vladutiu “Efficient Implementation of a Self-Sufficient Solar-Powered Real-Time Deep Learning-Based System”, in *Iliadis L., Angelov P., Jayne C., Pimenidis E. (eds) Proceedings of the 21st EANN (Engineering Applications of Neural Networks) 2020 Conference. EANN 2020. Proceedings of the International Neural Networks Society, vol 2. Springer, Cham*, pp. 99-118, doi: 10.1007/978-3-030-48791-1\_7
8. **S.L. Jurj**, F. Opritoiu, M. Vladutiu “Deep Learning-Based Computer Vision Application with Multiple Built-In Data Science-Oriented Capabilities”, in *Iliadis L., Angelov P., Jayne C., Pimenidis E. (eds) Proceedings of the 21st EANN (Engineering Applications of Neural Networks) 2020 Conference. EANN 2020. Proceedings of the International Neural Networks Society, vol 2. Springer, Cham*, pp. 47-69, doi: 10.1007/978-3-030-48791-1\_4
9. **S.L. Jurj**, R. Rotar, F. Opritoiu, M. Vladutiu “Affordable Flying Probe-Inspired In-Circuit-Tester for Printed Circuit Boards Evaluation with Application in Test Engineering Education”, in *2020 IEEE 20th International Conference on Environmental and Electrical Engineering (EEEIC)*, Madrid, Spain, June 2020
10. **S.L. Jurj**, R. Rotar, F. Opritoiu, M. Vladutiu “Online Built-In Self-Test Architecture for Automated Testing of a Solar Tracking Equipment”, in *2020 IEEE 20th International Conference on Environmental and Electrical Engineering (EEEIC)*, Madrid, Spain, June 2020
11. **S.L. Jurj**, F. Opritoiu, M. Vladutiu “Environmentally-Friendly Metrics for Evaluating the Performance of Deep Learning Models and Systems”, in *In Neural Information Processing, Lecture Notes in Computer Science (LNCS), Proceedings of the 27th International Conference on Neural Information Processing (ICONIP 2020)*; Accepted for Oral Presentation (Acceptance Rate: 27.4%), Bangkok, Thailand, November 2020

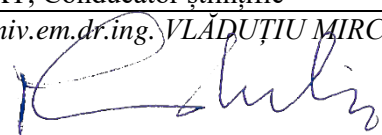
**3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)**

**4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)**

**5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate**

**6. Lucrări științifice publicate în volumele unor manifestări științifice**

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