

Lista lucrari

1) Cele mai relevante 10 lucrari

An	Conferinta/Jurnal	Lucrare
2020	SYNASC	S. Valcan and M. Gaianu, "Lung Tumor Segmentation Accelerated by CUDA," 2020 22nd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2020, pp. 246-250, doi: 10.1109/SYNASC51798.2020.00047.
2021	MDPI, Journal of Imaging	Valcan, Sorin, and Mihail Gaianu. 2021. "Ground Truth Data Generator for Eye Location on Infrared Driver Recordings" Journal of Imaging 7, no. 9: 162. https://doi.org/10.3390/jimaging7090162
2021	SYNASC	S. Valcan, "Convolutional Neural Network Training System For Eye Location On Infrared Driver Recordings Using Automatically Generated Ground Truth Data," 23rd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2021, pp. 222-226, doi: 10.1109/SYNASC54541.2021.00045.
2022	SCPE	Valcan, Sorin, and Mihail Gaianu. 2021. "CUDA Implementation For Eye Location On Infrared Images" Scalable Computing: Practice and Experience, Vol. 23, No. 1, 2022: https://doi.org/10.12694/scpe.v23i1.1954
2022	WASET	Improvement of Ground Truth Data for Eye Location on Infrared Driver Recordings World Academy of Science, Engineering and Technology International Journal of Electrical and Computer Engineering Vol:16, No:12, 2022: publications.waset.org/10012870/pdf
2022	SYNASC	S. Valcan and M. Găianu, "Eye Detection For Drivers Using Convolutional Neural Networks With Automatically Generated Ground Truth Data," 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Hagenberg / Linz, Austria, 2022, pp. 239-244, doi: 10.1109/SYNASC57785.2022.00045.
2022	CSCI	Nostrils And Mouth Detection For Drivers Using Convolutional Neural Networks With Automatically Generated Ground Truth Data, International Conference on Computational Science and Computational Intelligence (CSCI) Doi: 10.1109/CSCI58124.2022.00265
2023	ICCCI	Ground Truth Data Generator In Automotive Infrared Sensor Vision Problems Using a Minimum Set of Operations, accepted for publication at: 15th International Conference on Computational Collective Intelligence

		https://doi.org/10.1007/978-3-031-41774-0_50
2023	SYNASC	Convolutional Neural Networks For Eye Detection Trained With Manually And Automatically Generated Ground Truth Data, accepted for publication at: 25th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)

2) Titlul tezei de doctorat

Automated process of detection in automotive using machine learning methods

Prezentata in Decembrie 2023, la Universitatea de Vest din Timisoara, a fost acceptata de comisie cu calificativul "Foarte bine".

