

LISTĂ DE LUCRĂRI

Henri-George COANDĂ

A. Teza de doctorat

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C. Articole ISI / BDI

C1. Articole în reviste cotate ISI Thomson Reuters

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2. Adrian F., Minca E., Adriana F., Coanda H.G., *Manufacturing Technology on a Mechatronics Line Assisted by Autonomous Robotic Systems, Robotic Manipulators and Visual Servoing Systems*, Actuators, Volume: 9 Issue: 4, pp. 1 – 22, Decembrie 2020, DOI: 10.3390/act9040127, eISSN: 2076-0825, WOS:000601513600001, (Q2 / FI: 2,6 in 2022), <https://www.mdpi.com/2076-0825/9/4/127>
3. Dragoi I.C., Stanciu S.G., Hristu R., Coanda H.G., Tranca D.E., Popescu M., Coltuc D., *Embedding complementary imaging data in laser scanning microscopy micrographs by reversible watermarking*, Biomedical Optics Express, 1.04.2016, vol. 7 (4), pp. 1127-1137, ISSN 2156-7085, WOS:000373778900003, (Q2 / FI: 3,91 in 2016)
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6. Caciula, I., Ionita, G.M., Coanda, H.G., Coltuc D., Angelescu N, Albu, F., Hagiescu, D., *Wearable gait device for long-term monitoring*, Volume 23, Issue 3, pp. 791-802, 2023, Journal of Science and Arts, ISSN 1844-9581, eISSN 2068-3049, DOI 10.46939/J.Sci.Arts-23.3-c01, WOS:001105828500021 (FI: 0,4 in 2022)
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7. Puchianu D.C., Coanda H.G., *Highway congestion – cause, components, solutions*, University Politehnica of Bucharest Scientific Bulletin, series C, vol. 70, no. 1, 2008, pp. 69+76, ISSN 2286-3540; WOS: 000421599300008 (FI: 0,3 în 2022) https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full91973.pdf
8. Paun M.A., Coanda H.G., Minca E., Duca O.G., Fagarasean I., Dragomir F., Iliescu S.S., *Advanced Multi-objective Algorithm used to Optimize Consumption of an Integrated System for Flexible Manufacturing*, University Politehnica of Bucharest Scientific Bulletin, Series C, Vol. 87, Iss. 2, 2024, pp. 113-126, ISSN 2286-3540 (FI: 0,3 în 2022, nu este inclus în Fișa de verificare) https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezde3_926524.pdf

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2. Minca E., Filipescu A., Coanda H.G., Dragomir F., Dragomir O.E., Filipescu A., *Extended Approach for Modelling and simulation of Mechatronics Lines Served by Collaborative Mobile Robots*, 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), 10-12 Oct. 2018, Sinaia, ISBN 978-1-5386-4444-7, pp. 335-341, WOS: 000465109800055 <https://ieeexplore.ieee.org/abstract/document/8540713/authors#authors>
3. Nishikawa, K, Albu F., Coltuc D., Coanda H.G., *Adaptive Kernel Bandwidth Method for Kernel Normalized LMS Adaptive Algorithm*, 21st International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, 19-21 oct 2017, pp. 477-481, ISBN 978-1-5386-3842-2, WOS:000427419900078 <http://falbu.50webs.com/articole/icstcc2017a.pdf>
4. Dragoi I.C., Coanda H.G., Coltuc D., *Improved Reversible Data Hiding in Encrypted Images Based on Reserving Room After Encryption and Pixel Prediction*, 25th European Signal Processing Conference (EUSIPCO),Geece, aug 28-SEP 02, 2017, pp. 2186-2190, ISBN 978-0-9928-6267-1, WOS:000426986000441 <https://www.eurasip.org/Proceedings/Eusipco/Eusipco2017/papers/1570347410.pdf>
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8. Minca E., Filipescu A., Coanda H.G., Dragomir F., Dragomir O., *Cycle time optimization of a reversible A/DML served by a mobile robotic system*, The 19th International Conference on System Theory, Control and Computing (ICSTCC), October 14-16, 2015, Cheile Gradistei, Romania, pp. 99 – 104, ISBN 978-1-4799-8481-7/15, WOS:000382384100017 <https://ieeexplore.ieee.org/abstract/document/7321276>
9. Albu F., Coanda H.G., *A Fast Filtering Proportionate Affine Projection Sign Algorithm*, 18th IEEE Conference on Signal Processing - Algorithms, Architectures, Arrangements, and Applications (SPA), Poznan Univ Technol, Piotrowo Campus, Main Lecture Ctr, Poznan, POLAND, 22-24 sept 2014, pp. 25-30, ISBN 978-8-3620-6518-9, WOS:000393515800007 <https://ieeexplore.ieee.org/abstract/document/7067265>

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2. Caciula, I., Ionita, G.M., Coanda, H.G., Angelescu N, Hagiescu, D., Albu, F., *Low Cost Sensor-based Gait Monitoring System*, 15th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2023 – Proceedings, 2023, ISBN 979-835032138-8, DOI: 10.1109/ECAI58194.2023.10194076
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3. Albu F., Coltuc D., Coanda H.G., *Low Complexity Acoustic Feedback Cancellation Algorithm with Frequency Shifting and Dichotomous Coordinate Descent Iterations*, 2022 International Symposium on Electronics and Telecommunications (ISETC), ISBN: 978-1-6-654-9535-6, DOI: 10.1109/ECAI54874.2022.9847494.
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