

Anexe: Liste de lucrări, invenții, proiecte și distincții (*integral sau selecție*)

Cărți și capitole de cărți publicate la edituri internaționale

1. CIUFUDEAN Călin, FILOTE Constantin, VLAD Valentin (2013), Machine Learning, Software Engineering, and Standardization, Cap. 3: Transductional holonic formalisms for control systems applications, ibai-publishing, Fockendorf, ISBN: 978-3-942952-20-0, 19 pag

Lucrări științifice publicate în reviste cotate ISI

1. Raboaca, MS; Meheden, M; Musat, A; Viziteu, A; Creanga, A; Vlad, V; Filote, C; Rata, M; Lavric, A - An overview and performance evaluation of open charge point protocol from an electromobility concept perspective, International Journal of Energy Research, Volume 46, Issue2, Page 523-543, 2021, DOI10.1002/er.7206.
2. CERLINCA Tudor-Ioan, PENTIUC Stefan-Gheorghe, VLAD Valentin (2013), Real-Time 3D Hand Gestures Recognition for Manipulation of Industrial Robots, Electronics and Electrical Engineering, ISSN: 0019-0578, vol: 19, nr: 2, pag. 3-8, JCR: 0.411
3. VLAD Valentin, GRAUR Adrian, TURCU Cristina-Elena, FILOTE Constantin (2010), Modeling Holonic Control Systems with IEC 61499 Subapplications and Applications, Electronics and Electrical Engineering, ISSN: 0019-0578, nr: No. 10(106)v, pag. 95-98, JCR: 0.689

Lucrări științifice publicate în reviste și volume de conferință indexate ISI (ne-cotate ISI)

1. VLAD Valentin, GRAUR Adrian, TURCU Cristina-Elena, FILOTE Constantin (2010), Modeling Holonic Control Systems with IEC 61499 Subapplications and Applications, Electronics and Electrical Engineering, ISSN: 0019-0578, nr: No. 10(106)v, pag. 95-98, JCR: 0.689
2. Vlad, V. Holonic-based task scheduling in smart manufacturing systems, Proceedings of the 8th International Conference on Smart Cities and Green ICT Systems - Volume 1: MoMa-GreenSys, 242-245, 2019, Heraklion, Crete, Greece
3. "POPA Cezar, PENTIUC Radu, VLAD Valentin, MIRON Alexandru (2016), Optimisation of Operating Mechanism and Drive System for Medium Voltage Circuit Breakers, 9th International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, 20-22 Octombrie, 2016, pag. 147-152.
4. "
5. PENTIUC Radu-Dumitru, VLAD Valentin, LUCACHE Dorin-Dumitru, PAVEL Sorin (2014), Street lighting power quality, International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, 16-18 Octombrie, 2014, pag. 1107-1110.
6. VLAD Valentin, POPA Cezar, PENTIUC Radu-Dumitru, BUZDUGA Corneliu (2014), Control Architecture for power distribution systems based on IEC 61850, IEC 61499 and holonic concepts, 2014 International Conference on Electrical and Power Engineering (EPE 2014), 16-18 Octombrie, 2014, Iași, Romania, ISSB/ISBN: 978-1-4799-5848-1, pag: 132-136.
7. VLAD Valentin, POPA Cezar, GRAUR Adrian, PENTIUC Radu-Dumitru (2014), Concepts and Models for Design and Simulation of Distributed Control Systems for Future Power Grid, 16th International Conference on Harmonics and Quality of Power, 25-28 Mai, 2014, Bucuresti, Romania, ISSB/ISBN: 2164-0610, pag: 444-447
8. CERLINCA Tudor-Ioan, VLAD Valentin (2012), A Human Robot Interaction-based Approach to Automation in Industrial Manufacturing, 2012 International Conference and Exposition on Electrical and Power Engineering, 25-27 Octombrie, 2012, Iasi, Romania, ISSB/ISBN: 978-1-4673-5001-3, pag: 29-34
9. VLAD Valentin, CIUFUDEAN Călin, GRAUR Adrian, FILOTE Constantin (2009), An Example of Modeling Manufacturing Systems Using Petri Nets and the IEC 61499 Standard, 13th WSEAS International Conference on Systems, WSEAS CSCC Multiconference, Rhodes, Greece, 22-24 Iulie, 2009, Rhodes, Greece, ISSB/ISBN: 1790-2768, pag: 357-363
10. VLAD Valentin, GRAUR Adrian, TURCU Cristina-Elena, POPA Cezar (2009), Enhancing the Flexibility of Manufacturing Systems Using the RFID Technology, 2009 International Conference on Advanced Information Networking and Applications, 26-29 Mai, 2009, Bradford, United Kingdom, ISSB/ISBN: 978-0-7695-3639-2, pag: 630-635
11. VLAD Valentin, GRAUR Adrian, CIUFUDEAN Călin, FILOTE Constantin (2009), Formal Modeling the Low-level Interaction Between Holons, 13th WSEAS International Conference on Systems, WSEAS CSCC Multiconference, Rhodes, Greece, 22-24 Iulie, 2009, Rhodes, Greece, ISSB/ISBN: 1790-2768, pag: 364-370

Contracte de cercetare și transfer tehnologic câștigate prin competiție națională

1. Proiect: „Contributii in controlul holonic al proceselor de fabricatie”, Contract nr. 87/17.09.2008, Autoritate contractanta: CNC SIS, Romania, Director Proiect: Valentin Vlad, Perioadă desfășurare: 2008-2009. Valoare Totala: 30491 lei

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Semnătura