

Studii publicate în reviste

Lucrări publicate în reviste indexate în *clarivate analytics web of science* (cu vechea denumire *ISI web of knowledge*) cu factor de impact:

- R.-E. Precup, H. Hellendoorn, *A survey on industrial applications of fuzzy control*, **Computers in Industry** (Elsevier Science), vol. 62, no. 3, pp. 213-226, 2011, impact factor (IF) = 1.529, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 2.850, **Highly Cited Paper according to Clarivate Analytics Web of Science** as of November/December 2018 (http://www.aut.upt.ro/~rprecup/CiI_2011_Highly_Cited_Paper.jpg).
- R.-E. Precup, R.-C. David, E. M. Petriu, *Grey Wolf Optimizer Algorithm-Based Tuning of Fuzzy Control Systems with Reduced Parametric Sensitivity*, **IEEE Transactions on Industrial Electronics**, vol. 64, no. 1, pp. 527-534, 2017, impact factor (IF) = 7.050, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 7.050, **Highly Cited Paper according to Clarivate Analytics Web of Science** as of November/December 2018 (http://www.aut.upt.ro/~rprecup/TIE_2017_Highly_Cited_Paper.jpg).
- R.-E. Precup, M.-B. Rădac, R.-C. Roman, E. M. Petriu, *Model-Free Sliding Mode Control of Nonlinear Systems: Algorithms and Experiments*, **Information Sciences** (Elsevier Science), vol. 381, pp. 176-192, 2017, impact factor (IF) = 4.305, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 4.305, **Highly Cited Paper according to Clarivate Analytics Web of Science** as of May/June 2018 (http://www.aut.upt.ro/~rprecup/InfSci_2017_Highly_Cited_Paper.jpg).
- R.-E. Precup, R.-C. David, E. M. Petriu, M.-B. Rădac, St. Preitl, J. Fodor, *Evolutionary optimization-based tuning of low-cost fuzzy controllers for servo systems*, **Knowledge-Based Systems** (Elsevier Science), vol. 38, pp. 74-84, 2013, impact factor (IF) = 3.058, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 4.396, **Highly Cited Paper according to Clarivate Analytics Web of Science** as of November/December 2015 (http://www.aut.upt.ro/~rprecup/KBS_2013_Highly_Cited_Paper.jpg).
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- R.-E. Precup, S. Doboli, St. Preitl, *Stability Analysis and Development of a Class of Fuzzy Control Systems*, **Engineering Applications of Artificial Intelligence** (Elsevier Science), vol. 13, no. 3, pp. 237-247, 2000, impact factor (IF) = 0.231, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 2.819.
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- R.-E. Precup, St. Preitl, *Stability and Sensitivity Analysis of Fuzzy Control Systems. Mechatronics Applications*, Acta Polytechnica Hungarica (Óbuda University), vol. 3, no. 1, pp. 61-76, 2006, impact factor (IF) = 0.000, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 0.909.
- R.-E. Precup, St. Preitl, *PI and PID controllers tuning for integral-type servo systems to ensure robust stability and controller robustness*, **Electrical Engineering** (Springer-Verlag), vol. 88, no. 2, pp. 149-156, 2006, impact factor (IF) = 0.068, IF according to 2017 Journal Citation Reports (JCR) released by Clarivate Analytics in 2018 = 1.269.
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