Lista Lucrărilor Științifice

Dr. Ing. Cătălin Bogdan CIOBANU

Articole în revistă cotată ISI WoS cu SRI > 0.5, ca prim autor

1. **C.B. Ciobanu**, G. Gaydadjiev, C. Pilato and D. Sciuto, The Case for Polymorphic Registers in Dataflow Computing, International Journal of Parallel Programming, December 2018, pp. 1185-1219, https://doi.org/10.1007/s10766-017-0494-1

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1. A. L. Machidon, O. M. Machidon, **C. B. Ciobanu**, and P. L. Ogrutan, "Accelerating a Geometrical Approximated PCA Algorithm Using AVX2 and CUDA," Remote Sensing, vol. 12, no. 12, p. 1918, Jun. 2020
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2. G. Stramondo, **C.B. Ciobanu**, C. de Laat, A.L. Varbanescu, Designing and Building Application-Centric Parallel Memories, in Concurrency and Computation: Practice and Experience, https://doi.org/10.1002/cpe.5485

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3. Pnevmatikatos, K. Papadimitriou, T. Becker, P. Bohm, A. Brokalakis, K. Bruneel, **C.B. Ciobanu**, T. Davidson, G. Gaydadjiev, K. Heyse, W. Luk, X. Niu, I. Papaefstathiou, D. Pau, O. Pell, C. Pilato, M. D. Santambrogio, D. Sciuto, D. Stroobandt, T. Todman, E. Vansteenkiste, FASTER: Facilitating Analysis and Synthesis Technologies for Effective Reconfiguration, Elsevier Journal on Microprocessors and Microsystems (MICPRO), pp. 321-338, November 2014, ISSN: 0141-9331, eISSN: 1872-9436
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1. D. Crăciun, N. Bălăceanu, A. Chiriță, **C.B. Ciobanu**, Robotic Arm Control via Hand Movements, International Symposium on Electronics and Telecommunications 2022 (ISETC 2022), pp. 1-4, Timișoara, România, Noiembrie 2022
2. A. Machidon, **C.B. Ciobanu**, O. Machidon, P. Ogrutan, On Parallelizing Geometrical PCA Approximation, 2019 18th RoEduNet Conference: Networking in Education and Research (RoEduNet), pp. 1-6, Galați, România, October 2019, https://doi.org/10.1109/ROEDUNET.2019.8909644
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5. **C. B. Ciobanu**, G. Stramondo, A. L. Varbanescu, A. Brokalakis, A. Nikitakis, L. Di Tucci, M. Rabozzi, L. Stornaiuolo, M. Santambrogio, G. Chrysos, C. Vatsolakis, C. Georgios, and D. Pnevmatikatos, EXTRA: An Open Platform for Reconfigurable Architectures, 2018 International Conference on Embedded Computer Systems: Architectures, Modeling, and Simulation (SAMOS XVIII, pp. 220-229, Samos Island, Greece, July 2018, https://doi.acm.org/10.1145/3229631.3236092
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