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Publications

Journals

- Mohammadi, Jamal and Shirazi, Mahmoud and Kargahi, Mehdi, "Energy-harvesting-aware federated scheduling of parallel real-time tasks", Journal of Supercomputing, Vol. 81, 2024
- Shirazi, Mahmoud and Thiele, Lothar and Kargahi, Mehdi, "Energy-Resilient Real-Time Scheduling", IEEE Transactions on Computers, Vol. 72, pp. 69-81, 2023
- Razzaghi, Parvin and Abbasi, Karim and Shirazi, Mahmoud and Rashidi, Shima, "Multimodal brain tumor detection using multimodal deep transfer learning", Applied Soft Computing, 2022
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- Mohammadi, Jamal and Kargahi, Mehdi and Shirazi, Mahmoud, "Energy scheduling of fixed-priority parallel real-time tasks in multi-core cyber-physical systems", The CSI Journal on Computing Science and Information Technology (In Persian), Vol. 18, 2020



Conferences

- Rabbiun, Hossein and Mohammadi, Jamal and Shirazi, Mahmoud and Kargahi, Mehdi, "Advanced Schedulability Testing for Adaptive Mixed-Criticality Systems under Weakly Hard Real-Time Constraints", 5th CPSSI International Symposium on Cyber-Physical Systems (Applications and Theory) (CPSAT), pp. 1-8, 2024
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- Seilsepoor, Mahsa and Naderi, Bahman and Shirazi, M, "A simulation for a capacitated p-hub center problem using metaheuristic", Real-Time Systems, 2014
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