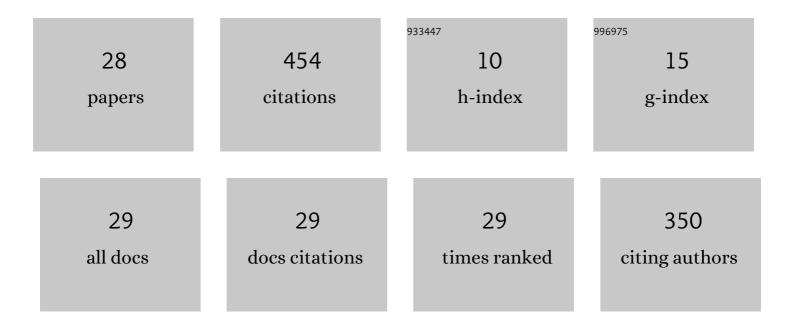
Ganapati Bhat

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7700655/publications.pdf Version: 2024-02-01



CANADATI RHAT

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | ECO: Enabling Energy-Neutral IoT Devices Through Runtime Allocation of Harvested Energy. IEEE Internet of Things Journal, 2022, 9, 4833-4848. | 8.7 | 8 |
| 2 | <i>MGait</i> : Model-Based Gait Analysis Using Wearable Bend and Inertial Sensors. ACM Transactions on Internet of Things, 2022, 3, 1-24. | 4.6 | 10 |
| 3 | Robust Human Activity Recognition Using Generative Adversarial Imputation Networks. , 2022, , . | | 3 |
| 4 | DIET: A Dynamic Energy Management Approach for Wearable Health Monitoring Devices. , 2022, , . | | 4 |
| 5 | Analysis and Control of Power–Temperature Dynamics in Heterogeneous Multiprocessors. IEEE Transactions on Control Systems Technology, 2021, 29, 329-341. | 5.2 | 6 |
| 6 | Online Solar Energy Prediction for Energy-Harvesting Internet of Things Devices. , 2021, , . | | 10 |
| 7 | Per-Core Power Modeling for Heterogenous SoCs. Electronics (Switzerland), 2021, 10, 2428. | 3.1 | 1 |
| 8 | Learning Pareto-Frontier Resource Management Policies for Heterogeneous SoCs: An Information-Theoretic Approach. , 2021, , . | | 5 |
| 9 | Voltage-Frequency Domain Optimization for Energy-Neutral Wearable Health Devices. Sensors, 2020, 20, 5255. | 3.8 | 2 |
| 10 | w-HAR: An Activity Recognition Dataset and Framework Using Low-Power Wearable Devices. Sensors, 2020, 20, 5356. | 3.8 | 47 |
| 11 | Special Session: Physically Flexible Devices for Health and Activity Monitoring: Challenges from Design to Test. , 2020, , . | | 3 |
| 12 | Determining Mechanical Stress Testing Parameters for FHE Designs with Low Computational Overhead. IEEE Design and Test, 2020, 37, 35-41. | 1.2 | 1 |
| 13 | Energy per Operation Optimization for Energy-Harvesting Wearable IoT Devices. Sensors, 2020, 20, 764. | 3.8 | 24 |
| 14 | An Energy-aware Online Learning Framework for Resource Management in Heterogeneous Platforms. ACM Transactions on Design Automation of Electronic Systems, 2020, 25, 1-26. | 2.6 | 20 |
| 15 | Dynamic Resource Management of Heterogeneous Mobile Platforms via Imitation Learning. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 2842-2854. | 3.1 | 39 |
| 16 | An Ultra-Low Energy Human Activity Recognition Accelerator for Wearable Health Applications. Transactions on Embedded Computing Systems, 2019, 18, 1-22. | 2.9 | 26 |
| 17 | Power and Thermal Analysis of Commercial Mobile Platforms: Experiments and Case Studies. , 2019, , . | | 10 |
| | | | |

18 Optimized Stress Testing for Flexible Hybrid Electronics Designs. , 2019, , .

GANAPATI BHAT

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | REAP., 2019,,. | | 5 |
| 20 | OpenHealth: Open-Source Platform for Wearable Health Monitoring. IEEE Design and Test, 2019, 36, 27-34. | 1.2 | 29 |
| 21 | Algorithmic Optimization of Thermal and Power Management for Heterogeneous Mobile Platforms. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 544-557. | 3.1 | 64 |
| 22 | Energy-Optimal Gesture Recognition using Self-Powered Wearable Devices. , 2018, , . | | 1 |
| 23 | Online human activity recognition using low-power wearable devices. , 2018, , . | | 40 |
| 24 | Online learning for adaptive optimization of heterogeneous SoCs. , 2018, , . | | 5 |
| 25 | Power-Temperature Stability and Safety Analysis for Multiprocessor Systems. Transactions on Embedded Computing Systems, 2017, 16, 1-19. | 2.9 | 13 |
| 26 | Near-optimal energy allocation for self-powered wearable systems. , 2017, , . | | 15 |
| 27 | DyPO. Transactions on Embedded Computing Systems, 2017, 16, 1-20. | 2.9 | 46 |
| 28 | Multi-objective design optimization for flexible hybrid electronics. , 2016, , . | | 4 |