

**Autonomous wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality**

**Ahmed, Faisal**; Kervadec, Corentin; **Le Moullec, Yannick**; **Tamberg, Gert**; **Annus, Paul** The Computer Journal 2019 / p. 820 - 837  
<https://doi.org/10.1093/comjnl/bxy101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Challenges of reliability assessment and enhancement in autonomous systems**

**Jenihhin, Maksim**; Sonza Reorda, Matteo; **Balakrishnan, Aneesh**; Alexandrescu, Dan 2019 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT 2019) 2019 / 6 p <https://doi.org/10.1109/DFT.2019.8875379>

**Development of a cognitive robotic system for simple surgical tasks**

Muradore, Riccardo; Fiorini, Paolo; **Li, Lin**; **Kruusmaa, Maarja**; **Ristolainen, Asko** International journal of advanced robotic systems 2015 / p. 1-20 : ill <http://dx.doi.org/10.5772/60137>