

**Android malware concept drift using system calls : detection, characterization and challenges**

**Guerra Manzanares, Alejandro;** Luckner, Marcin; **Bahsi, Hayretdin** Expert systems with applications 2022 / art. 117200, 19 p. : ill  
<https://doi.org/10.1016/j.eswa.2022.117200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cross-device behavioral consistency : benchmarking and implications for effective android malware detection**

**Guerra Manzanares, Alejandro; Vålbe, Martin** Machine Learning with Applications 2022 / art. 100357, 15 p. : ill  
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**Differences in Android behavior between real device and emulator : a malware detection perspective**

**Guerra Manzanares, Alejandro; Bahsi, Hayretdin; Nömm, Sven** 6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS), Granada, Spain, October 22-25, 2019 2019 / art. 8939268, p. 399-404  
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**Time-frame analysis of system calls behavior in machine learning-based mobile malware detection**

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