Computing Reviews is happy to bring you the 21st annual list of notable items published in computing—this time for 2016. We reached out to many in the computing community for nominations: our reviewers, CR category editors, the editors in chief of journals we cover, and computer scientists in both industry and academia. In addition, we included proceedings papers that were recognized as “Best Papers” at their respective conferences, as well as the most downloaded journal papers from some of the top journals covered in CR.

Read more about our selection process.

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Notable Books and Articles in Computing of 2016

C. Computer Systems Organization

Agelastos A.; Allan B.; Brandt J.; Gentile A.; Lefantzi S.; Monk S.; Ogden J.; Rajan M.; Stevenson J. Continuous whole-system monitoring toward rapid understanding of production HPC applications and systems. Parallel Computing 58 (October 2016), 90-106.


Chen M.; Qian Y.; Mao S.; Tang W.; Yang X. Software-defined mobile networks security. Mobile Networks and Applications 21, 5 (October 2016), 729-743. Review


Leskovec J.; Sosić R. SNAP: a general-purpose network analysis and graph-mining library. ACM Transactions on Intelligent Systems and Technology 8, 1 (July 2016), Article No. 1.