



Journal of Simulation

2017 Impact Factor: 1.218

2016 Impact Factor: 0.772

Journal Citation Reports®, Clarivate Analytics, 2018

2-year Impact Factor

Cites in 2017 to articles published in:

2015 = 29
2016 = 38
Sum = 67

Number of source items¹ published in:

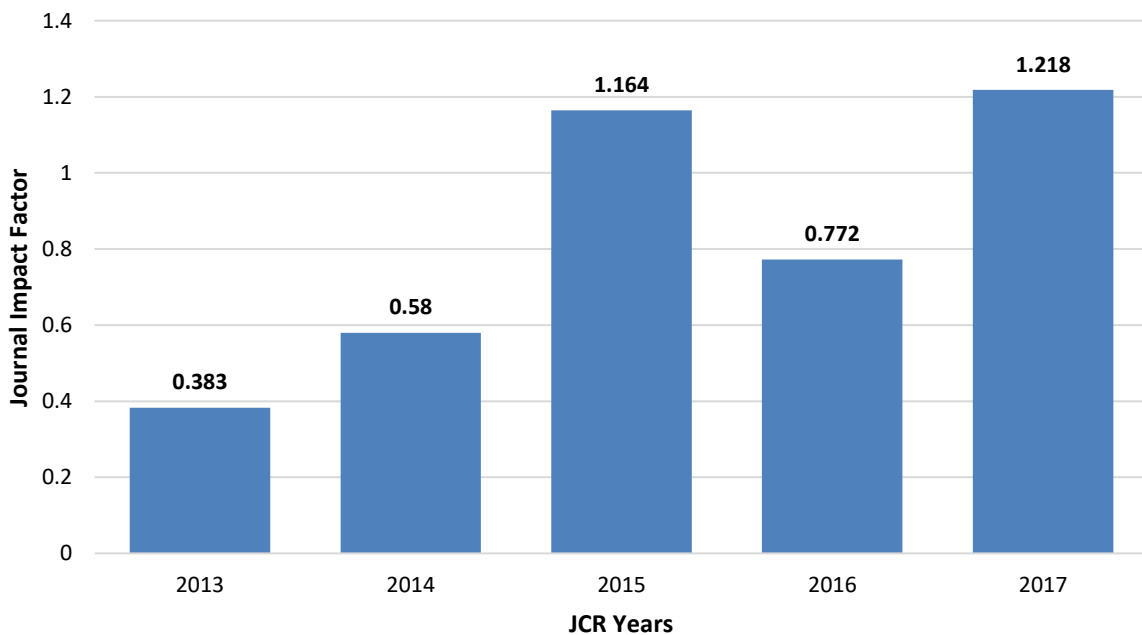
2015 = 28
2016 = 27
Sum = 55

Impact Factor: **1.218**

Cites to recent articles = 67
Number of source items = 55
2017 IF calculation = $67/55 = 1.218$



¹ Source items are full-length research articles, short communications and review papers. Many other items such as letters, editorials, book reviews and news items are not counted in the denominator of the IF calculation.





JCR Category Ranking

**Computer Science,
Interdisciplinary Applications**

	2016	2017
Number of Journals	105	105
Median Impact Factor	1.909	1.955
[Journal] Position	90	79
Quartile	Q4	Q4

**Operations Research &
Management Science**

	2016	2017
Number of Journals	83	83
Median Impact Factor	1.488	1.456
[Journal] Position	68	53
Quartile	Q4	Q3

List of Journals citing *Journal of Simulation* most frequently for 2017 Impact Factor

Journal	Total Citations
IEEE Access	3
International Journal of Sustainable Engineering	3
Journal of the Operational Research Society	3
Adcaij-Advances in Distributed Computing and Artificial Intelligence Journal	2
Bmc Health Services Research	2
International Journal of Production Research	2
Journal of Biomedical Informatics	2
Journal of Simulation	2
PLOS One	2
Simulation Modelling Practice and Theory	2

Self-Citation Rate: 3%



Most Highly Cited Papers counting towards 2017 Impact Factor

Title	Author (s)	Publication Year	Citations
Everything you need to know about agent-based modelling and simulation	Macal, C. M.	2016	13
Virtual reality for medical training: the state-of-the-art	Ruthenbeck, G. S.; Reynolds, K. J.	2015	7
Modelling the complete continuum of care using system dynamics: the case of osteoarthritis in Alberta	Vanderby, S. A.; Carter, M. W. et al	2015	4
'Some tactical problems in digital simulation' for the next 10 years	Nelson, B. L.	2016	3
Simulation analysis of hospital intensive care unit reimbursement policies from the triple bottom line perspective	Petering, Matthew E. H.; Aydas, Osman T. et al	2015	2
Simulation optimization in the era of Industrial 4.0 and the Industrial Internet	Xu, Jie; Huang, Edward; Hsieh, Liam; Lee et al	2016	2
Simphony: a next generation simulation modelling environment for the construction domain	AbouRizk, S.; Hague, S. et al	2016	2
Enhanced integration of energy-related considerations in discrete event simulation for manufacturing applications	Stoldt, J.; Schlegel, A. et al	2016	2
Development of priority rules for handlings in inland port container terminals with simulation	Clausen, Uwe; Kaffka, Jan	2016	2
SimILS: a simulation-based extension of the iterated local search metaheuristic for stochastic combinatorial optimization	Grasas, Alex; Juan, Angel A. et al	2016	2
Multi-objective simulation optimization for medical capacity allocation in emergency department	Chen, T-L; Wang, C-C	2016	2
Multi-criteria genetic algorithm applied to scheduling in multi-cluster environments	Gabaldon, E.; Lerida, J. L. et al	2015	2
Business process simulation in the context of enterprise engineering	Liu, Y.; Iijima, J.	2015	2