# Behrad Bagheri

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 11 papers | 3,391 citations | 8 h-index | 11 g-index |
| 11 ext. papers | 4,100 ext. citations | 4.1 avg, IF | 6 L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 11 | A unified digital twin framework for shop floor design in industry 4.0 manufacturing systems. *Manufacturing Letters*, **2021**, 27, 87-91 | 4.5 | 6 |
| 10 | A unified data security framework for federated prognostics and health management in smart manufacturing. *Manufacturing Letters*, **2020**, 24, 136-139 | 4.5 | 6 |
| 9 | Fault prediction of power electronics modules and systems under complex working conditions. *Computers in Industry*, **2018**, 97, 1-9 | 11.6 | 14 |
| 8 | Cyber physical systems for predictive production systems. *Production Engineering*, **2017**, 11, 155-165 | 1.9 | 50 |
| 7 | Introduction to cyber manufacturing. *Manufacturing Letters*, **2016**, 8, 11-15 | 4.5 | 109 |
| 6 | A Cyber-Physical Systems architecture for Industry 4.0-based manufacturing systems. *Manufacturing Letters*, **2015**, 3, 18-23 | 4.5 | 2394 |
| 5 | Industrial Big Data Analytics and Cyber-physical Systems for Future Maintenance & Service Innovation. *Procedia CIRP*, **2015**, 38, 3-7 | 1.8 | 218 |
| 4 | Cyber-Physical Systems in Future Maintenance. *Lecture Notes in Mechanical Engineering*, **2015**, 299-305 | 0.4 | 12 |
| 3 | Recent advances and trends in predictive manufacturing systems in big data environment. *Manufacturing Letters*, **2013**, 1, 38-41 | 4.5 | 567 |
| 2 | A Systematic Approach to Intelligent Maintenance of Production Systems with a Framework for Embedded Implementation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 23-28 | | 1 |
| 1 | **2010**, | | 14 |