# Samir Khan

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 26<br>papers | 1,136<br>citations | 840585<br>11<br>h-index | 752573<br>20<br>g-index |
| 27<br>all docs | 27<br>docs citations | 27<br>times ranked | 1208<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Robustness of AI-based prognostic and systems health management. Annual Reviews in Control, 2021, 51, 130-152. | 4.4 | 11 |
| 2 | On the requirements of digital twin-driven autonomous maintenance. Annual Reviews in Control, 2020, 50, 13-28. | 4.4 | 52 |
| 3 | Editorial: Machine learning for safety–critical applications in engineering. Machine Learning, 2020, 109, 1101-1102. | 3.4 | 0 |
| 4 | Olfactory-Based Augmented Reality Support for Industrial Maintenance. IEEE Access, 2020, 8, 30306-30321. | 2.6 | 12 |
| 5 | Diagnosing Intermittent Faults through Non-linear Analysis. IFAC-PapersOnLine, 2020, 53, 10304-10309. | 0.5 | 0 |
| 6 | Unsupervised anomaly detection in unmanned aerial vehicles. Applied Soft Computing Journal, 2019, 83, 105650. | 4.1 | 39 |
| 7 | Stuck-at Fault Resilience using Redundant Transistor Logic Gates. , 2019, , . | | 0 |
| 8 | An effective uncertainty based framework for sustainable industrial product-service system transformation. Journal of Cleaner Production, 2019, 208, 160-177. | 4.6 | 22 |
| 9 | Evaluating diagnostic failures during system design. CIRP Journal of Manufacturing Science and Technology, 2018, 21, 97-109. | 2.3 | 6 |
| 10 | A review on the application of deep learning in system health management. Mechanical Systems and Signal Processing, 2018, 107, 241-265. | 4.4 | 749 |
| 11 | Zero-maintenance of electronic systems: Perspectives, challenges, and opportunities. Microelectronics Reliability, 2018, 85, 122-139. | 0.9 | 10 |
| 12 | Perspectives on trading cost and availability for corrective maintenance at the equipment type level. Reliability Engineering and System Safety, 2017, 168, 53-69. | 5.1 | 38 |
| 13 | A novel approach for No Fault Found decision-making. CIRP Journal of Manufacturing Science and Technology, 2017, 17, 18-31. | 2.3 | 2 |
| 14 | No Fault Found Problems in Asset Management. Advances in Logistics, Operations, and Management Science Book Series, 2017, , 448-467. | 0.3 | 0 |
| 15 | Modelling the Positional and Orientation Sensitivity of Proximity Sensors for Industrial IoT. , 2016, , . | | 0 |
| 16 | A framework to estimate the cost of No-Fault Found events. International Journal of Production Economics, 2016, 173, 207-222. | 5.1 | 21 |
| 17 | Maintenance Requirements in Aerospace Systems. Procedia CIRP, 2015, 38, 100-105. | 1.0 | 4 |
| 18 | Research study from industry-university collaboration on "No Fault Found" events. Journal of Quality in Maintenance Engineering, 2015, 21, 186-206. | 1.0 | 7 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Intermittent fault detection on an experimental aircraft fuel rig: Reduce the No Fault Found rate. , 2015, , . | | 3 |
| 20 | Studying the impact of intermittent variations using sensitivity analysis. International Journal of Condition Monitoring, 2015, 5, 6-11. | 0.1 | 1 |
| 21 | Study on Intermittent Faults and Electrical Continuity. Procedia CIRP, 2014, 22, 71-75. | 1.0 | 16 |
| 22 | The Performance of Observer-based Residuals for Detecting Intermittent Faults: The Limitations. Procedia CIRP, 2014, 22, 65-70. | 1.0 | 2 |
| 23 | No Fault Found events in maintenance engineering Part 2: Root causes, technical developments and future research. Reliability Engineering and System Safety, 2014, 123, 196-208. | 5.1 | 41 |
| 24 | No Fault Found events in maintenance engineering Part 1: Current trends, implications and organizational practices. Reliability Engineering and System Safety, 2014, 123, 183-195. | 5.1 | 59 |
| 25 | Intermittent Fault Finding Strategies. Procedia CIRP, 2013, 11, 74-79. | 1.0 | 20 |
| 26 | Non-uniform sampling strategies for digital control. International Journal of Systems Science, 2013, 44, 2234-2254. | 3.7 | 15 |