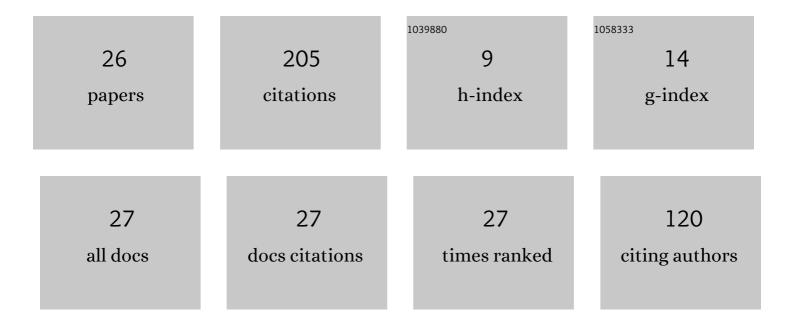
## Paul L Goethals

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9086280/publications.pdf

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#	Article	IF	CITATIONS
1	Risk and the Five Hard Problems of Cybersecurity. Risk Analysis, 2019, 39, 2119-2126.	1.5	28
2	The development of a robust design methodology for timeâ€oriented dynamic quality characteristics with a target profile. Quality and Reliability Engineering International, 2011, 27, 403-414.	1.4	25
3	Solving the optimal process target problem using response surface designs in heteroscedastic conditions. International Journal of Production Research, 2011, 49, 3455-3478.	4.9	19
4	The development of a targetâ€focused process capability index with multiple characteristics. Quality and Reliability Engineering International, 2011, 27, 297-311.	1.4	15
5	A case study: applying Lean Six Sigma concepts to design a more efficient airfoil extrusion shimming process. International Journal of Six Sigma and Competitive Advantage, 2011, 6, 173.	0.3	14
6	Experimental investigations of estimated response surface functions with different variability measures. International Journal of Experimental Design and Process Optimisation, 2009, 1, 123.	0.1	13
7	A review of scientific research in defensive cyberspace operation tools and technologies. Journal of Cyber Security Technology, 2019, 3, 1-46.	1.8	11
8	Reverse programming the optimal process mean problem to identify a factor space profile. European Journal of Operational Research, 2011, 215, 204-217.	3.5	10
9	Designing the optimal process mean vector for mixed multiple quality characteristics. IIE Transactions, 2012, 44, 1002-1021.	2.1	9
10	Using higher precision-based response surface designs to determine the optimal process target. International Journal of Advanced Manufacturing Technology, 2011, 56, 13-30.	1.5	8
11	Robust parameter design in resource-constrained environments: An investigation of trade-offs between costs and precision within variable processes. Applied Mathematical Modelling, 2013, 37, 2394-2416.	2.2	8
12	The development of multiâ€response experimental designs for process parameter optimization. International Journal of Quality and Reliability Management, 2011, 28, 628-648.	1.3	7
13	Robust design modeling and optimization of a multi-response time series for a pharmaceutical process. International Journal of Advanced Manufacturing Technology, 2014, 74, 1017-1031.	1.5	6
14	Evaluating mailâ€based security for electoral processes using attack trees. Risk Analysis, 2022, 42, 2327-2343.	1.5	6
15	Solving multi-response optimisation problems with enhanced precision. International Journal of Industrial and Systems Engineering, 2012, 11, 250.	0.1	4
16	Solving the optimal process target problem using computer-generated experimental designs. European Journal of Industrial Engineering, 2012, 6, 234.	0.5	3
17	Designing the optimal mean for an asymmetrically distributed process. International Journal of Productivity and Quality Management, 2012, 9, 82.	0.1	3
18	Integrating Customer Perception into Process Capability Measures. Quality and Reliability Engineering International, 2016, 32, 1331-1345.	1.4	3

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#	Article	IF	CITATIONS
19	Eliminating the Weakest Link Approach to Army Unit Readiness. Decision Analysis, 2018, 15, 110-130.	1.2	3
20	Achieving cost robustness in processes with mixed multiple quality characteristics and dynamic variability. International Journal of Experimental Design and Process Optimisation, 2011, 2, 243.	0.1	2
21	A comparative analysis of contemporary 155 mm artillery projectiles. Journal of Defense Analytics and Logistics, 2019, 3, 171-192.	0.4	2
22	Mathematics in Cyber Research. , 0, , .		2
23	Analysing the effects of variability measure selection on process and product optimisation. International Journal of Quality Engineering and Technology, 2011, 2, 254.	0.0	1
24	Higher-order response surface methods for nanomanufacturing process optimisation. International Journal of Quality Engineering and Technology, 2013, 3, 181.	0.0	1
25	The development of target-based posterior process capability indices and confidence intervals. International Journal of Quality Engineering and Technology, 2017, 6, 269.	0.0	1
26	Investigating estimation error reduction strategies in complex engineering systems. International Journal of Data Analysis Techniques and Strategies, 2014, 6, 43.	0.2	0