

# Rikard SÃ¶nderberg

## List of Publications by Year in descending order

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181  
papers

2,778  
citations

236925

25  
h-index

254184

43  
g-index

188  
all docs

188  
docs citations

188  
times ranked

1466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Digital Twin for real-time geometry assurance in individualized production. CIRP Annals - Manufacturing Technology, 2017, 66, 137-140.	3.6	419
2	Tolerancing: Managing uncertainty from conceptual design to final product. CIRP Annals - Manufacturing Technology, 2018, 67, 695-717.	3.6	119
3	Computer Aided Assembly Robustness Evaluation. Journal of Engineering Design, 1999, 10, 165-181.	2.3	103
4	Automatic assembly path planning for wiring harness installations. Journal of Manufacturing Systems, 2013, 32, 417-422.	13.9	69
5	Accuracy of CAD/CAM-guided surgical template implant surgery on human cadavers: Part I. Journal of Prosthetic Dentistry, 2010, 103, 334-342.	2.8	65
6	Computer-aided robustness analysis for compliant assemblies. Journal of Engineering Design, 2006, 17, 411-428.	2.3	60
7	Perceived quality of products: a framework and attributes ranking method. Journal of Engineering Design, 2020, 31, 37-67.	2.3	59
8	Virtual Geometry Assurance Process and Toolbox. Procedia CIRP, 2016, 43, 3-12.	1.9	47
9	Defining Perceived Quality in the Automotive Industry: An Engineering Approach. Procedia CIRP, 2015, 36, 165-170.	1.9	45
10	Efficient Contact Modeling in Nonrigid Variation Simulation. Journal of Computing and Information Science in Engineering, 2016, 16, .	2.7	43
11	Geometrical Variations Management 4.0: towards next Generation Geometry Assurance. Procedia CIRP, 2018, 75, 3-10.	1.9	42
12	Proactive assessment of basic complexity in manual assembly: development of a tool to predict and control operator-induced quality errors. International Journal of Production Research, 2017, 55, 4248-4260.	7.5	39
13	Managing physical dependencies through location system design. Journal of Engineering Design, 2006, 17, 325-346.	2.3	37
14	The influence of spot weld position variation on geometrical quality. CIRP Annals - Manufacturing Technology, 2012, 61, 13-16.	3.6	37
15	Variation simulation of stress during assembly of composite parts. CIRP Annals - Manufacturing Technology, 2015, 64, 17-20.	3.6	37
16	Improving decision making by simulating and visualizing geometrical variation in non-rigid assemblies. CIRP Annals - Manufacturing Technology, 2008, 57, 175-178.	3.6	32
17	An integrated approach to technology platform and product platform development. Concurrent Engineering Research and Applications, 2013, 21, 65-83.	3.2	32
18	Inspection Data to Support a Digital Twin for Geometry Assurance. , 2017, , .		32

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19	Developing a selective assembly technique for sheet metal assemblies. International Journal of Production Research, 2019, 57, 7174-7188.	7.5	32
20	Effects of the driving context on the usage of Automated Driver Assistance Systems (ADAS) -Naturalistic Driving Study for ADAS evaluation. Transportation Research Interdisciplinary Perspectives, 2020, 4, 100093.	2.7	32
21	Structure and Matrix Models for Tolerance Analysis from Configuration to Detail Design. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2000, 12, 112-125.	2.1	31
22	Variation Simulation for Composite Parts and Assemblies Including Variation in Fiber Orientation and Thickness. Procedia CIRP, 2014, 23, 235-240.	1.9	30
23	Tolerance Simulation of Compliant Sheet Metal Assemblies Using Automatic Node-Based Contact Detection. , 2008, , .		29
24	Tolerance Chain Detection by Geometrical Constraint Based Coupling Analysis. Journal of Engineering Design, 1999, 10, 5-24.	2.3	28
25	Computer-aided tolerance chain and stability analysis. Journal of Engineering Design, 2003, 14, 17-39.	2.3	28
26	Accuracy of virtually planned and CAD/CAM-guided implant surgery onÂplastic models. Journal of Prosthetic Dentistry, 2014, 112, 1472-1478.	2.8	28
27	Statistical shape modeling in virtual assembly using PCA-technique. Journal of Manufacturing Systems, 2013, 32, 456-463.	13.9	27
28	Digital Twin for Variation Management: A General Framework and Identification of Industrial Challenges Related to the Implementation. Applied Sciences (Switzerland), 2020, 10, 3342.	2.5	27
29	Assembly Root Cause Analysis: A Way to Reduce Dimensional Variation in Assembled Products. Flexible Services and Manufacturing Journal, 2003, 15, 113-150.	0.4	24
30	An information and simulation framework for increased quality in welded components. CIRP Annals - Manufacturing Technology, 2018, 67, 165-168.	3.6	24
31	Combining Variation Simulation With Welding Simulation for Prediction of Deformation and Variation of a Final Assembly. Journal of Computing and Information Science in Engineering, 2012, 12, .	2.7	23
32	Strategies for Optimization of Spot Welding Sequence With Respect to Geometrical Variation in Sheet Metal Assemblies. , 2010, , .		22
33	Criteria for Assessment of Basic Manual Assembly Complexity. Procedia CIRP, 2016, 44, 424-428.	1.9	22
34	Basic complexity criteria and their impact on manual assembly quality in actual production. International Journal of Industrial Ergonomics, 2017, 58, 117-128.	2.6	22
35	Minimizing Dimensional Variation and Robot Traveling Time in Welding Stations. Procedia CIRP, 2014, 23, 77-82.	1.9	21
36	Individualizing Locator Adjustments of Assembly Fixtures Using a Digital Twin. Journal of Computing and Information Science in Engineering, 2019, 19, .	2.7	21

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37	Optimal design of fixture layouts for compliant sheet metal assemblies. International Journal of Advanced Manufacturing Technology, 2020, 110, 2181-2201.	3.0	21
38	Using Morphing Techniques in Early Variation Analysis. Journal of Computing and Information Science in Engineering, 2014, 14, .	2.7	20
39	A Multistage Approach to the Selective Assembly of Components Without Dimensional Distribution Assumptions. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2018, 140, .	2.2	20
40	A method for identification and sequence optimisation of geometry spot welds in a digital twin context. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 5610-5621.	2.1	20
41	Non-nominal path planning for robust robotic assembly. Journal of Manufacturing Systems, 2013, 32, 429-435.	13.9	19
42	A new surrogate model-based method for individualized spot welding sequence optimization with respect to geometrical quality. International Journal of Advanced Manufacturing Technology, 2020, 106, 2333-2346.	3.0	19
43	Perception of gap and flush in virtual environments. Journal of Engineering Design, 2007, 18, 175-193.	2.3	18
44	Efficient Compliant Variation Simulation of Spot-Welded Assemblies. Journal of Computing and Information Science in Engineering, 2019, 19, .	2.7	18
45	An Industrially Validated CMM Inspection Process with Sequence Constraints. Procedia CIRP, 2016, 44, 138-143.	1.9	17
46	The Communication Strategies and Customer's Requirements Definition at the Early Design Stages: An Empirical Study on Italian Luxury Automotive Brands. Procedia CIRP, 2016, 50, 553-558.	1.9	17
47	Method for Handling Model Growth in Nonrigid Variation Simulation of Sheet Metal Assemblies. Journal of Computing and Information Science in Engineering, 2014, 14, .	2.7	16
48	Visual quality and sustainability considerations in tolerance optimization: A market-based approach. International Journal of Production Economics, 2015, 168, 167-180.	8.9	16
49	Efficient Spot Welding Sequence Optimization in a Geometry Assurance Digital Twin. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	16
50	An Approach for Producibility and DFM-methodology in Aerospace Engine Component Development. Procedia CIRP, 2013, 11, 151-156.	1.9	15
51	Combining Variation Simulation With Thermal Expansion Simulation for Geometry Assurance. Journal of Computing and Information Science in Engineering, 2013, 13, .	2.7	15
52	Simulation of the effect of geometrical variation on assembly and holding forces. International Journal of Product Development, 2013, 18, 88.	0.2	15
53	An Industrially Validated Method for Weld Load Balancing in Multi Station Sheet Metal Assembly Lines. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2014, 136, .	2.2	15
54	Variation Simulation of Welded Assemblies Using a Thermo-Elastic Finite Element Model. Journal of Computing and Information Science in Engineering, 2014, 14, .	2.7	15

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55	Corporate and Customer Understanding of Core Values Regarding Perceived Quality: Case Studies on Volvo Car Group and Volvo Group Truck Technology. <i>Procedia CIRP</i> , 2014, 21, 171-176.	1.9	15
56	A Novel Rule-Based Method for Individualized Spot Welding Sequence Optimization With Respect to Geometrical Quality. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	15
57	Stability and seam variation analysis for automotive body design. <i>Journal of Engineering Design</i> , 2002, 13, 173-187.	2.3	14
58	Joining in Nonrigid Variation Simulation. , 0, , .		14
59	Assessment of manual assembly complexity: a theoretical and empirical comparison of two methods. <i>International Journal of Production Research</i> , 2017, 55, 7237-7250.	7.5	14
60	Evaluating evolutionary algorithms on spot welding sequence optimization with respect to geometrical variation. <i>Procedia CIRP</i> , 2018, 75, 421-426.	1.9	14
61	An Efficient Solution to the Discrete Least-Cost Tolerance Allocation Problem with General Loss Functions. , 2007, , 115-124.		13
62	Geometric variation simulation and robust design for flexible cables and hoses. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2013, 227, 681-689.	2.4	13
63	Tolerance optimisation considering economic and environmental sustainability. <i>Journal of Engineering Design</i> , 2014, 25, 367-390.	2.3	13
64	Geometry Assurance Integrating Process Variation With Simulation of Spring-In for Composite Parts and Assemblies. <i>Journal of Computing and Information Science in Engineering</i> , 2016, 16, .	2.7	13
65	A Virtual Design of Experiments Method to Evaluate the Effect of Design and Welding Parameters on Weld Quality in Aerospace Applications. <i>Aerospace</i> , 2019, 6, 74.	2.2	12
66	A Measure of the Information Loss for Inspection Point Reduction. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2009, 131, .	2.2	11
67	Enabling Reuse of Inspection Data to Support Robust Design: A Case in the Aerospace Industry. <i>Procedia CIRP</i> , 2016, 43, 41-46.	1.9	11
68	Robust Design by Support of CAT Tools. , 1998, , .		11
69	Robust Design of Aero Engine Structures: Transferring form Error Data When Mapping Out Design Spaces for New Turbine Components. <i>Procedia CIRP</i> , 2016, 43, 47-51.	1.9	10
70	Evaluating different strategies to achieve the highest geometric quality in self-adjusting smart assembly lines. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 71, 102164.	9.9	10
71	Multi-Fixture Assembly System Diagnosis Based on Part and Subassembly Measurement Data. , 2000, , .		10
72	Aesthetic consequences of making car exteriors visually robust to geometrical variation. <i>Journal of Design Research</i> , 2010, 8, 252.	0.1	9

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73	Virtual variation simulation of CAD/CAM template-guided surgeries performed on human cadavers: Part II. Journal of Prosthetic Dentistry, 2010, 104, 48-55.	2.8	9
74	A Framework for Producibility and Design for Manufacturing Requirements in a System Engineering Context. Procedia CIRP, 2013, 11, 145-150.	1.9	9
75	Variation Simulation of Stresses Using the Method of Influence Coefficients. Journal of Computing and Information Science in Engineering, 2014, 14, .	2.7	9
76	Geometrical Robustness Analysis Considering Manual Assembly Complexity. Procedia CIRP, 2014, 23, 98-103.	1.9	9
77	Controlling Geometrical Variation Caused by Assembly Fixtures. Journal of Computing and Information Science in Engineering, 2016, 16, .	2.7	9
78	Welding of Non-nominal Geometries – Physical Tests. Procedia CIRP, 2016, 43, 136-141.	1.9	9
79	Development of a Conceptual Framework to Assess Producibility for Fabricated Aerospace Components. Procedia CIRP, 2016, 41, 681-686.	1.9	9
80	A Welding Capability Assessment Method (WCAM) to support multidisciplinary design of aircraft structures. International Journal on Interactive Design and Manufacturing, 2018, 12, 833-851.	2.2	9
81	Understanding light. A study on the perceived quality of car exterior lighting and interior illumination. Procedia CIRP, 2020, 93, 1340-1345.	1.9	9
82	Cognitive Quality: An Unexplored Perceived Quality Dimension in the Automotive Industry. Procedia CIRP, 2020, 91, 869-874.	1.9	9
83	Efficient Variation Simulation of Spot-Welded Assemblies. , 2018, , .		9
84	Integrating Assembly Design, Sequence Optimization, and Advanced Path Planning. , 2008, , .		8
85	Evaluating Genetic Algorithms on Welding Sequence Optimization With Respect to Dimensional Variation and Cycle Time. , 2011, , .		8
86	Geometry Assurance Integrating Process Variation With Simulation of Spring-In for Composite Parts and Assemblies. , 2014, , .		8
87	Towards Overcoming the Boundaries between Manufacturing and Perceived Quality: An Example of Automotive Industry. Procedia CIRP, 2017, 63, 733-738.	1.9	8
88	Perceived Quality Evaluation with the Use of Extended Reality. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 1993-2002.	0.6	8
89	Functional tolerancing of surface texture – a review of existing methods. Procedia CIRP, 2020, 92, 230-235.	1.9	8
90	Rapid sequence optimization of spot welds for improved geometrical quality using a novel stepwise algorithm. Engineering Optimization, 2021, 53, 867-884.	2.6	8

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91	Integrated Tolerance and Fixture Layout Design for Compliant Sheet Metal Assemblies. Applied Sciences (Switzerland), 2021, 11, 1646.	2.5	8
92	Use of measurement data in computer-aided tolerance management. Journal of Engineering Design, 2002, 13, 63-76.	2.3	7
93	Optimizing Locator Position to Maximize Robustness in Critical Product Dimensions. , 2009, , .		7
94	An investigation of the effect of sample size on geometrical inspection point reduction using cluster analysis. CIRP Journal of Manufacturing Science and Technology, 2010, 3, 227-235.	4.5	7
95	Discrete tolerance allocation for product families. Engineering Optimization, 2012, 44, 75-85.	2.6	7
96	Influence of rigid and non-rigid variation simulations when assessing perceived quality of split-lines. Journal of Engineering Design, 2014, 25, 1-24.	2.3	7
97	Using Product and Manufacturing System Platforms to Generate Producing Product Variants. Procedia CIRP, 2016, 44, 61-66.	1.9	7
98	Minimizing Weld Variation Effects Using Permutation Genetic Algorithms and Virtual Locator Trimming. Journal of Computing and Information Science in Engineering, 2018, 18, .	2.7	7
99	A New Heat Source Model for Keyhole Mode Laser Welding. Journal of Computing and Information Science in Engineering, 2022, 22, .	2.7	7
100	Comparison of Non-Nominal Geometry Models Represented in Physical Versus Virtual Environments. Journal of Computing and Information Science in Engineering, 2004, 4, 171-177.	2.7	6
101	Categories of Visual Quality Cues. , 2007, , 881.		6
102	Including Assembly Fixture Repeatability in Rigid and Non-Rigid Variation Simulation. , 2010, , .		6
103	Simulating Part and Assembly Variation for Injection Molded Parts. , 2012, , .		6
104	Body in White Geometry Measurements of Non-Rigid Components: A Virtual Perspective. , 2012, , .		6
105	Nonlinear Material Model in Part Variation Simulations of Sheet Metals. Journal of Computing and Information Science in Engineering, 2019, 19, .	2.7	6
106	Dynamic platform modeling for concurrent product-production reconfiguration. Concurrent Engineering Research and Applications, 2021, 29, 102-123.	3.2	6
107	Automated Seam Variation and Stability Analysis for Automotive Body Design. , 2003, , 255-264.		6
108	A Multi-objective Tolerance Optimization Approach for Economic, Ecological, and Social Sustainability. , 2013, , 729-734.		6

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109	Efficient Joining Sequence Variation Analysis of Stochastic Batch Assemblies. Journal of Computing and Information Science in Engineering, 2022, 22, .	2.7	6
110	Load Balancing of Welds in Multi Station Sheet Metal Assembly Lines. , 2010, , .		5
111	Decoupled fixturing strategies for minimized geometrical variation during cutting of stamped parts. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 1401-1408.	2.4	5
112	Perceived quality framework in product generation engineering: an automotive industry example. Design Science, 2019, 5, .	2.1	5
113	Efficient Spot Welding Sequence Simulation in Compliant Variation Simulation. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	5
114	Tolerance Specification Optimization for Economic and Ecological Sustainability. Lecture Notes in Production Engineering, 2013, , 865-874.	0.4	5
115	An Improved Phenotype-Genotype Mapping for Solving Selective Assembly Problem Using Evolutionary Optimization Algorithms. Journal of Computing and Information Science in Engineering, 2020, 20, .	2.7	5
116	Spatial Incompatibility: Part Interaction and Tolerance Allocation in Configuration Design. , 1998, , .		5
117	Geometrical Inspection Point Reduction Based on Combined Cluster and Sensitivity Analysis. , 2003, , .		5
118	Automated and interactive evaluation of welding producibility in an multidisciplinary design optimization environment for aircraft components. International Journal on Interactive Design and Manufacturing, 2021, 15, 463-479.	2.2	5
119	Knowledge-Based Configuration of Integrated Product and Process Platforms. , 2009, , .		4
120	A Framework for Non-Nominal Visualization and Perceived Quality Evaluation. , 2011, , .		4
121	Taxation and Transparency: How Policy Decisions Impact Product Quality and Sustainability. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	4
122	Geometrical Variation from Selective Laser Heat Treatment of Boron Steels. Procedia CIRP, 2018, 75, 409-414.	1.9	4
123	Combining selective assembly and individualized locator adjustments techniques in a smart assembly line. Procedia CIRP, 2021, 97, 429-434.	1.9	4
124	The Subcontractors Role in Computer Aided Tolerance Management. , 1998, , .		4
125	Split-line design for given geometry and location schemes. Journal of Engineering Design, 2007, 18, 373-388.	2.3	3
126	PLM Architecture for Optimization of Geometrical Interfaces in a Product Platform. , 2011, , .		3

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127	Using Forming Simulation Results in Virtual Assembly Analysis. , 2012, , .		3
128	Tolerance Analysis of Surface-to-Surface Contacts Using Finite Element Analysis. Procedia CIRP, 2018, 75, 250-255.	1.9	3
129	Evaluating How Functional Performance in Aerospace Components Is Affected by Geometric Variation. SAE International Journal of Aerospace, 2018, 11, 5-26.	4.0	3
130	Influence of Selective Laser Heat Treatment Pattern Position on Geometrical Variation. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	3
131	Reliability-Based Design Optimization of Surface-to-Surface Contact for Cutting Tool Interface Designs. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	3
132	Critical joint identification for efficient sequencing. Journal of Intelligent Manufacturing, 2021, 32, 769-780.	7.3	3
133	A Robust Design Perspective on Factors Influencing Geometric Quality in Metal Additive Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	3
134	Non-Nominal Path Planning of Assembly Processes. , 2005, , 537.		2
135	Platform Strategies from a PLM Perspective - Theory and Practice for the Aerospace Industry. , 2012, , .		2
136	Combining Variation Simulation With Thermal Expansion for Geometry Assurance. , 2012, , .		2
137	Toward a Method for Improving Product Architecture Solutions by Integrating Designs for Assembly, Disassembly and Maintenance. , 2012, , .		2
138	Operator Related Causes for Low Correlation Between CAT Simulations and Physical Results. , 2013, , .		2
139	Industrial-scale Production of Customized Ceramic Prostheses. , 2014, , 327-341.		2
140	On the Robustness of the Volumetric Shrinkage Method in the Context of Variation Simulation. , 2014, , .		2
141	Simulation of Non-Nominal Welds by Resolving the Melted Zone and its Implication to Variation Simulation. , 2014, , .		2
142	Challenges Moving From Physical Into Virtual Verification of Sheet Metal Assemblies. , 2015, , .		2
143	Form Division for Welded Aero Components in Platform-Based Development. Journal of Aerospace Engineering, 2015, 28, 04014126.	1.4	2
144	Bridging the Gap between Point Cloud and CAD: a Method to Assess Form Error in Aero Structures. , 2016, , .		2

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145	Effect of selective laser heat treatment on geometrical variation in boron steel components: An experimental investigation. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 54-64.	2.4	2
146	Towards a Method for Early Evaluations of Sheet Metal Assemblies. , 2003, , 275-286.		2
147	Variation Feedback and 3D Visualization of Geometrical Inspection Data. , 2009, , .		2
148	Addressing information asymmetry during design: customer-centric approach to harmonization of car body split-lines. Procedia CIRP, 2021, 104, 110-115.	1.9	2
149	Perceived Quality Attributes Importance Ranking Methodology in the Automotive Industry: A Case Study on Geometry Appearance Attributes at CEVT.. Procedia CIRP, 2022, 107, 1559-1564.	1.9	2
150	Combining Variation Simulation With Welding Simulation for Prediction of Deformation. , 2010, , .		1
151	Parameters Influencing the Perception of Geometrical Deviations in a Virtual Environment. , 2011, , .		1
152	Robust Design and Geometry Assurance Considering Assembly Ergonomics. , 2012, , .		1
153	Towards non-FEA-based deformation methods for evaluating perceived quality of split-lines. Journal of Engineering Design, 2013, 24, 623-639.	2.3	1
154	Variation Simulation of Stresses Using the Method of Influence Coefficients. , 2013, , .		1
155	Variation Simulation of Dissimilar Materials Using Clip Fasteners. , 2016, , .		1
156	Including Measures of Assembly Complexity in Proactive Geometry Assurance, A Case Study. Procedia CIRP, 2016, 44, 151-156.	1.9	1
157	Minimizing Weld Variation Effects Using Permutation Genetic Algorithms and Virtual Locator Trimming. , 2017, , .		1
158	Contact Variation Optimization for Surface-to-Surface Contacts. , 2017, , .		1
159	Perceived Quality Estimation by the Design of Discrete-Choice Experiment and Bestâ€“Worst Scaling Data: An Automotive Industry Case. Smart Innovation, Systems and Technologies, 2019, , 859-870.	0.6	1
160	Geometrical Variation Mode Effect Analysis (GVMEA) for Split Lines. Procedia CIRP, 2020, 92, 94-99.	1.9	1
161	Squeak and Rattle Prevention by Geometric Variation Management Using a Two-Stage Evolutionary Optimization Approach. Journal of Computing and Information Science in Engineering, 2022, 22, .	2.7	1
162	Geometrical Coupling Analysis to Reduce Complete Assembly Line Complexity. , 2012, , .		1

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163	Geometrical Robust Form Division. , 2007, , .		1
164	Aspects of Fixture Clamp Modeling in Non-Rigid Variation Simulation of Sheet Metal Assemblies. , 2013, , .		1
165	Geometric robustness and dynamic response management by structural topometry optimisation to reduce the risk for squeak and rattle. Design Science, 2022, 8, .	2.1	1
166	Dimensional Management in a Computer Integrated Engineering and Manufacturing Environment. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 289-294.	0.4	0
167	Variation Analysis Toolbox for Non-Nominal Path Planning for Industrial Robots. , 2007, , 1421.		0
168	Non-Rigid Behavior Prediction Based on Styling Data for Evaluation of Perceived Quality. , 2009, , .		0
169	GEOMETRY ROBUSTNESS EVALUATION FOR COMMON PARTS IN PLATFORM ARCHITECTURE. International Journal of Shape Modeling, 2010, 16, 129-150.	0.2	0
170	Tolerance Plugin Module in Integrated Design. , 2013, , .		0
171	Sustainability-Driven Tolerancing and Design Optimization of an Aircraft Engine Component. , 2013, , .		0
172	Using Morphing Techniques in Early Variation Analysis. , 2013, , .		0
173	Welding Simulation of Non-Nominal Structures With Clamps. Journal of Computing and Information Science in Engineering, 2015, 15, .	2.7	0
174	Influence of Selective Laser Heat Treatment Pattern Position on Geometrical Variation. , 2018, , .		0
175	Corrected capability studies with asymmetrical tolerances. Quality Engineering, 2019, 31, 606-614.	1.1	0
176	Design of the top tether component for the premium car market segment: Case study of Volvo Cars. Procedia CIRP, 2020, 91, 146-151.	1.9	0
177	Visualization of Motion Envelope of Parts and Assemblies Based on Simulation or Measurement Data. , 2006, , .		0
178	A Measure of the Information Loss for Inspection Point Reduction. , 2008, , .		0
179	Comparing Standards and Policies for Sustainability in Tolerance Optimization. , 2013, , .		0
180	Non-FEA-Based Method as Means for Knowledge Based Assessment of Perceived Quality. , 2013, , .		0

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181	Policy and Demand as Drivers for Product Quality and Sustainability: A Market Systems Approach. , 2014, , .		0