

# Domenico A Maisano

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104  
papers

1,273  
citations

21  
h-index

29  
g-index

110  
ext. papers

1,481  
ext. citations

2.7  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
104	A benchmark analysis of the quality of distributed additive manufacturing centers. <i>International Journal of Quality and Reliability Management</i> , <b>2022</b> , ahead-of-print,	2	2
103	Determining the extrinsic parameters of a network of Large-Volume Metrology sensors of different types. <i>Precision Engineering</i> , <b>2022</b> , 74, 316-333	2.9	0
102	Ranking Association Measures. <i>Profiles in Operations Research</i> , <b>2022</b> , 49-83	1	
101	Ranking Aggregation Techniques. <i>Profiles in Operations Research</i> , <b>2022</b> , 85-160	1	
100	Consistency of Ranking Aggregation Techniques. <i>Profiles in Operations Research</i> , <b>2022</b> , 161-200	1	
99	Case Studies in Engineering. <i>Profiles in Operations Research</i> , <b>2022</b> , 201-234	1	
98	Ranking Aggregation Problem. <i>Profiles in Operations Research</i> , <b>2022</b> , 17-32	1	
97	Rankings and Measurements. <i>Profiles in Operations Research</i> , <b>2022</b> , 33-47	1	
96	Introduction to Rankings and Decisions in Engineering. <i>Profiles in Operations Research</i> , <b>2022</b> , 1-15	1	
95	Aggregating multiple ordinal rankings in engineering design: the best model according to the Kendall's coefficient of concordance. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , <b>2021</b> , 32, 91-103	3.5	3
94	Decision concordance with incomplete expert rankings in manufacturing applications. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , <b>2020</b> , 31, 471-490	3.5	5
93	Short-term effects of non-competitive funding to single academic researchers. <i>Scientometrics</i> , <b>2020</b> , 123, 1261-1280	3	1
92	dP-FMEA: An innovative Failure Mode and Effects Analysis for distributed manufacturing processes. <i>Quality Engineering</i> , <b>2020</b> , 32, 267-285	1.4	7
91	Is 'post-decline' the next phase of the diffusion of ISO 9001 certifications? New empirical evidence from European countries. <i>Total Quality Management and Business Excellence</i> , <b>2020</b> , 1-20	2.7	6
90	Aggregation of incomplete preference rankings: Robustness analysis of the ZMII-technique. <i>Journal of Multi-Criteria Decision Analysis</i> , <b>2020</b> , 27, 337-356	1.9	5
89	Adapting Thurstone's Law of Comparative Judgment to fuse preference orderings in manufacturing applications. <i>Journal of Intelligent Manufacturing</i> , <b>2020</b> , 31, 387-402	6.7	9
88	Design decisions: concordance of designers and effects of the Arrow's theorem on the collective preference ranking. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , <b>2019</b> , 30, 425-434	3.5	8

87	Fusing incomplete preference rankings in design for manufacturing applications through the ZM II -technique. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 103, 3307-3322	3.2	12
86	Assessment of Failures in Collaborative Human-Robot Assembly Workcells. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 562-571	0.5	
85	Cooperative diagnostics for combinations of large volume metrology systems. <i>International Journal of Manufacturing Research</i> , <b>2019</b> , 14, 15	0.4	0
84	Designing Performance Measurement Systems. <i>Management for Professionals</i> , <b>2019</b> ,	0.4	25
83	Use and Abuse of Indicators. <i>Management for Professionals</i> , <b>2019</b> , 21-48	0.4	
82	From Measurement Theory to Indicator Theory. <i>Management for Professionals</i> , <b>2019</b> , 49-83	0.4	
81	Properties of Indicators. <i>Management for Professionals</i> , <b>2019</b> , 85-131	0.4	
80	Designing a Performance Measurement System. <i>Management for Professionals</i> , <b>2019</b> , 133-205	0.4	1
79	A new proposal to improve the customer competitive benchmarking in QFD. <i>Quality Engineering</i> , <b>2018</b> , 30, 730-761	1.4	7
78	Classification of objects into quality categories in the presence of hierarchical decision-making agents. <i>Accreditation and Quality Assurance</i> , <b>2018</b> , 23, 5-17	0.7	1
77	A novel multi-target modular probe for multiple Large-Volume Metrology systems. <i>Precision Engineering</i> , <b>2018</b> , 52, 30-54	2.9	4
76	Engineering characteristics prioritisation in QFD using ordinal scales: a robustness analysis. <i>European Journal of Industrial Engineering</i> , <b>2018</b> , 12, 151	1.1	2
75	Checking the Consistency of Solutions in Decision-Making Problems with Multiple Weighted Agents. <i>International Journal of Decision Support System Technology</i> , <b>2018</b> , 10, 39-58	0.7	2
74	A new mathematical model to localize a multi-target modular probe for large volume-metrology applications. <i>Series on Advances in Mathematics for Applied Sciences</i> , <b>2018</b> , 235-240		
73	Selection of quality-inspection procedures for short-run productions. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 99, 2537-2547	3.2	10
72	Critical remarks on the Italian research assessment exercise VQR 2011-2014. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 337-357	3.1	28
71	A rejoinder to the comments of Benedetto et al. on the paper "Critical remarks on the Italian research assessment exercise VQR 2011-2014" ( <i>Journal of Informetrics</i> , 11(2): 337-357). <i>Journal of Informetrics</i> , <b>2017</b> , 11, 645-646	3.1	3
70	Consistency analysis in quality classification problems with multiple rank-ordered agents. <i>Quality Engineering</i> , <b>2017</b> , 29, 672-689	1.4	10

69	A new proposal for fusing individual preference orderings by rank-ordered agents: A generalization of the Yager's algorithm. <i>European Journal of Operational Research</i> , <b>2016</b> , 249, 209-223	5.6	21
68	A new methodology to design multi-sensor networks for distributed large-volume metrology systems based on triangulation. <i>Precision Engineering</i> , <b>2016</b> , 43, 105-118	2.9	7
67	Uncertainty evaluation of distributed Large-Scale-Metrology systems by a Monte Carlo approach. <i>CIRP Annals - Manufacturing Technology</i> , <b>2016</b> , 65, 491-494	4.9	9
66	Empirical analysis and classification of database errors in Scopus and Web of Science. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 933-953	3.1	79
65	The museum of errors/horrors in Scopus. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 174-182	3.1	54
64	Do Scopus and WoS correct omissions? <i>Scientometrics</i> , <b>2016</b> , 107, 321-335	3	13
63	On the rating system in alpine skiing racing: Criticism and new proposals. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2016</b> , 230, 253-263	0.7	2
62	Combining multiple Large Volume Metrology systems: Competitive versus cooperative data fusion. <i>Precision Engineering</i> , <b>2016</b> , 43, 514-524	2.9	14
61	Fusion of multi-agent preference orderings in an ordinal semi-democratic decision-making framework. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 91, 699-702	4.6	4
60	Towards the use of augmented reality techniques for assisted acceptance sampling. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2016</b> , 230, 1870-1884	2.4	10
59	Customer requirement prioritization on QFD: a new proposal based on the generalized Yager's algorithm. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , <b>2015</b> , 26, 171-187	3.5	31
58	Influence of omitted citations on the bibliometric statistics of the major Manufacturing journals. <i>Scientometrics</i> , <b>2015</b> , 103, 1083-1122	3	16
57	Prioritisation of engineering characteristics in QFD in the case of customer requirements orderings. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 3975-3988	7.8	35
56	Prioritization of QFD Customer Requirements Based on the Law of Comparative Judgments. <i>Quality Engineering</i> , <b>2015</b> , 27, 437-449	1.4	25
55	Checking the consistency of the solution in ordinal semi-democratic decision-making problems. <i>Omega</i> , <b>2015</b> , 57, 188-195	7.2	24
54	Errors in DOI indexing by bibliometric databases. <i>Scientometrics</i> , <b>2015</b> , 102, 2181-2186	3	33
53	Research quality evaluation: comparing citation counts considering bibliometric database errors. <i>Quality and Quantity</i> , <b>2015</b> , 49, 155-165	2.4	7
52	A novel algorithm for fusing preference orderings by rank-ordered agents. <i>Fuzzy Sets and Systems</i> , <b>2015</b> , 266, 84-100	3.7	8

51	Cooperative fusion of distributed multi-sensor LVM (Large Volume Metrology) systems. <i>CIRP Annals - Manufacturing Technology</i> , <b>2015</b> , 64, 483-486	4.9	21
50	Standardisation of quality and reliability tests in the auto-parts industry: a structured approach concerning thermal systems. <i>Total Quality Management and Business Excellence</i> , <b>2015</b> , 26, 1269-1281	2.7	5
49	A paired-comparison approach for fusing preference orderings from rank-ordered agents. <i>Information Fusion</i> , <b>2015</b> , 26, 84-95	16.7	6
48	Evolution of large-scale dimensional metrology from the viewpoint of scientific articles and patents. <i>Industrial Innovation Series</i> , <b>2015</b> , 261-275		
47	The citer-success-index: a citer-based indicator to select a subset of elite papers. <i>Scientometrics</i> , <b>2014</b> , 101, 963-983	3	4
46	Impact of Journals and Academic Reputations of Authors: A Structured Bibliometric Survey of the IEEE Publication Galaxy. <i>IEEE Transactions on Professional Communication</i> , <b>2014</b> , 57, 17-40	1	9
45	The evolution of large-scale dimensional metrology from the perspective of scientific articles and patents. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 70, 887-909	3.2	21
44	Scientific journal publishers and omitted citations in bibliometric databases: Any relationship?. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 751-765	3.1	20
43	Large-scale dimensional metrology (LSDM): from tapes and theodolites to multi-sensor systems. <i>International Journal of Precision Engineering and Manufacturing</i> , <b>2014</b> , 15, 1739-1758	1.7	48
42	Sub-field normalization of the IEEE scientific journals based on their connection with Technical Societies. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 508-533	3.1	12
41	Cooperative diagnostics for distributed large-scale dimensional metrology systems based on triangulation. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2014</b> , 228, 479-492	2.4	5
40	A novel approach for estimating the omitted-citation rate of bibliometric databases with an application to the field of bibliometrics. <i>Journal of the Association for Information Science and Technology</i> , <b>2013</b> , 64, 2149-2156		19
39	An informetric model for the success-index. <i>Journal of Informetrics</i> , <b>2013</b> , 7, 109-116	3.1	7
38	Evaluating research institutions: the potential of the success-index. <i>Scientometrics</i> , <b>2013</b> , 96, 85-101	3	6
37	The effect of database dirty data on h-index calculation. <i>Scientometrics</i> , <b>2013</b> , 95, 1179-1188	3	12
36	Quality & Quantity journal: a bibliometric snapshot. <i>Quality and Quantity</i> , <b>2012</b> , 46, 573-580	2.4	4
35	The success-index: an alternative approach to the h-index for evaluating an individual's research output. <i>Scientometrics</i> , <b>2012</b> , 92, 621-641	3	34
34	Publication and patent analysis of European researchers in the field of production technology and manufacturing systems. <i>Scientometrics</i> , <b>2012</b> , 93, 89-100	3	6

33	Further clarifications about the success-index. <i>Journal of Informetrics</i> , <b>2012</b> , 6, 669-673	3.1	3
32	European research in the field of production technology and manufacturing systems: an exploratory analysis through publications and patents. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 62, 329-350	3.2	6
31	Distributed Large-Scale Dimensional Metrology <b>2011</b> ,		21
30	Influence of database mistakes on journal citation analysis: remarks on the paper by Franceschini and Maisano, QREI (2010). <i>Quality and Reliability Engineering International</i> , <b>2011</b> , 27, 969-976	2.6	9
29	Criticism on the hg-index. <i>Scientometrics</i> , <b>2011</b> , 86, 339-346	3	16
28	Bibliometric positioning of scientific manufacturing journals: a comparative analysis. <i>Scientometrics</i> , <b>2011</b> , 86, 463-485	3	11
27	Proposals for evaluating the regularity of a scientist's research output. <i>Scientometrics</i> , <b>2011</b> , 88, 279-295	3	8
26	On the analogy between the evolution of thermodynamic and bibliometric systems: a breakthrough or just a bubble?. <i>Scientometrics</i> , <b>2011</b> , 89, 315-327	3	3
25	Structured evaluation of the scientific output of academic research groups by recent h-based indicators. <i>Journal of Informetrics</i> , <b>2011</b> , 5, 64-74	3.1	18
24	A proposal of a new paradigm for national quality certification systems. <i>International Journal of Quality and Reliability Management</i> , <b>2011</b> , 28, 364-382	2	12
23	Regularity in the research output of individual scientists: An empirical analysis by recent bibliometric tools. <i>Journal of Informetrics</i> , <b>2011</b> , 5, 458-468	3.1	5
22	An empirical regressive model to improve the metrological performance of mobile spatial coordinate measuring systems. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2010</b> , 224, 663-677	2.4	2
21	Clustering of European countries based on ISO 9000 certification diffusion. <i>International Journal of Quality and Reliability Management</i> , <b>2010</b> , 27, 558-575	2	40
20	Network localization procedures for experimental evaluation of mobile spatial coordinate measuring system (MScMS). <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 48, 859-870	3.2	7
19	The Hirsch spectrum: A novel tool for analyzing scientific journals. <i>Journal of Informetrics</i> , <b>2010</b> , 4, 64-73	3.1	21
18	The citation triad: An overview of a scientist's publication output based on Ferrers diagrams. <i>Journal of Informetrics</i> , <b>2010</b> , 4, 503-511	3.1	14
17	Analysis of the ch-index: an indicator to evaluate the diffusion of scientific research output by citers. <i>Scientometrics</i> , <b>2010</b> , 85, 203-217	3	15
16	Ultrasound Transducers for Large-Scale Metrology: A Performance Analysis for Their Use by the MScMS. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2010</b> , 59, 110-121	5.2	11

15	Analysis of the Hirsch index's operational properties. <i>European Journal of Operational Research</i> , <b>2010</b> , 203, 494-504	5.6	55
14	A survey of Quality Engineering/Management journals by bibliometric indicators. <i>Quality and Reliability Engineering International</i> , <b>2010</b> , 26, 593-604	2.6	7
13	Mobile Spatial coordinate Measuring System (MScMS) Introduction to the system. <i>International Journal of Production Research</i> , <b>2009</b> , 47, 3867-3889	7.8	17
12	Mobile spatial coordinate measuring system (MScMS) and CMMs: a structured comparison. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 42, 1089-1102	3.2	12
11	The Hirsch index in manufacturing and Quality engineering. <i>Quality and Reliability Engineering International</i> , <b>2009</b> , 25, 987-995	2.6	18
10	On-line diagnostics in the Mobile Spatial coordinate Measuring System (MScMS). <i>Precision Engineering</i> , <b>2009</b> , 33, 408-417	2.9	10
9	A review of localization algorithms for distributed wireless sensor networks in manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2009</b> , 22, 698-716	4.3	47
8	An Innovative Online Diagnostic Tool for a Distributed Spatial Coordinate Measuring System <b>2009</b> , 161-176		
7	Properties of performance indicators in operations management. <i>International Journal of Productivity and Performance Management</i> , <b>2008</b> , 57, 137-155	2.3	21
6	Indoor GPS: system functionality and initial performance evaluation. <i>International Journal of Manufacturing Research</i> , <b>2008</b> , 3, 335	0.4	36
5	The Problem of Distributed Wireless Sensors Positioning in the Mobile Spatial Coordinate Measuring System (MSCMS) <b>2008</b> ,		4
4	Classification of performance and quality indicators in manufacturing. <i>International Journal of Services and Operations Management</i> , <b>2006</b> , 2, 294	0.4	14
3	The Condition of Uniqueness in Manufacturing Process Representation by Performance/Quality Indicators. <i>Quality and Reliability Engineering International</i> , <b>2006</b> , 22, 567-580	2.6	19
2	A short survey on air quality indicators: properties, use, and (mis)use. <i>Management of Environmental Quality</i> , <b>2005</b> , 16, 490-504	3.6	6
1	Analysing paradoxes in design decisions: the case of the multiple-district paradox. <i>International Journal on Interactive Design and Manufacturing</i> , 1	1.9	1