

Luca Mastrogiacomo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,564
citations

361045

20
h-index

360668

35
g-index

86
all docs

86
docs citations

86
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical analysis and classification of database errors in Scopus and Web of Science. Journal of Informetrics, 2016, 10, 933-953.	1.4	126
2	A conceptual framework to evaluate human-robot collaboration. International Journal of Advanced Manufacturing Technology, 2020, 108, 841-865.	1.5	107
3	Experimental comparison of dynamic tracking performance of iGPS and laser tracker. International Journal of Advanced Manufacturing Technology, 2011, 56, 205-213.	1.5	99
4	The museum of errors/horrors in Scopus. Journal of Informetrics, 2016, 10, 174-182.	1.4	76
5	A review of localization algorithms for distributed wireless sensor networks in manufacturing. International Journal of Computer Integrated Manufacturing, 2009, 22, 698-716.	2.9	69
6	Large-scale dimensional metrology (LSDM): from tapes and theodolites to multi-sensor systems. International Journal of Precision Engineering and Manufacturing, 2014, 15, 1739-1758.	1.1	69
7	Indoor GPS: system functionality and initial performance evaluation. International Journal of Manufacturing Research, 2008, 3, 335.	0.1	53
8	Clustering of European countries based on ISO 9000 certification diffusion. International Journal of Quality and Reliability Management, 2010, 27, 558-575.	1.3	49
9	A worldwide survey on manufacturing servitization. International Journal of Advanced Manufacturing Technology, 2019, 103, 3927-3942.	1.5	43
10	Errors in DOI indexing by bibliometric databases. Scientometrics, 2015, 102, 2181-2186.	1.6	41
11	Prioritisation of engineering characteristics in QFD in the case of customer requirements orderings. International Journal of Production Research, 2015, 53, 3975-3988.	4.9	40
12	The success-index: an alternative approach to the h-index for evaluating an individual's research output. Scientometrics, 2012, 92, 621-641.	1.6	39
13	Customer requirement prioritization on QFD: a new proposal based on the generalized Yager's algorithm. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2015, 26, 171-187.	1.2	36
14	Distributed Large-Scale Dimensional Metrology. , 2011, , .		27
15	Integrated management systems diffusion models in South European countries. International Journal of Quality and Reliability Management, 2018, 35, 2289-2303.	1.3	25
16	Influence of omitted citations on the bibliometric statistics of the major Manufacturing journals. Scientometrics, 2015, 103, 1083-1122.	1.6	24
17	A new proposal for fusing individual preference orderings by rank-ordered agents: A generalization of the Yager's algorithm. European Journal of Operational Research, 2016, 249, 209-223.	3.5	24
18	Mobile Spatial coordinate Measuring System (MScMS) - introduction to the system. International Journal of Production Research, 2009, 47, 3867-3889.	4.9	23

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19	Cooperative fusion of distributed multi-sensor LVM (Large Volume Metrology) systems. CIRP Annals - Manufacturing Technology, 2015, 64, 483-486.	1.7	23
20	Research on product-service systems: topic landscape and future trends. Journal of Manufacturing Technology Management, 2021, 32, 208-238.	3.3	23
21	Combining multiple Large Volume Metrology systems: Competitive versus cooperative data fusion. Precision Engineering, 2016, 43, 514-524.	1.8	22
22	Scientific journal publishers and omitted citations in bibliometric databases: Any relationship?. Journal of Informetrics, 2014, 8, 751-765.	1.4	21
23	Definition of a conceptual scale of servitization: Proposal and preliminary results. CIRP Journal of Manufacturing Science and Technology, 2020, 29, 141-156.	2.3	21
24	A novel approach for estimating the omitted citation rate of bibliometric databases with an application to the field of bibliometrics. Journal of the Association for Information Science and Technology, 2013, 64, 2149-2156.	2.6	19
25	ISO 9001 certification and corporate performance of Italian companies. International Journal of Quality and Reliability Management, 2017, 34, 231-250.	1.3	19
26	Diffusion of ISO 9000 and ISO 14000 certification in Italian commodity sectors. International Journal of Quality and Reliability Management, 2008, 25, 452-465.	1.3	18
27	MScMS-II: an innovative IR-based indoor coordinate measuring system for large-scale metrology applications. International Journal of Advanced Manufacturing Technology, 2011, 52, 291-302.	1.5	17
28	A General Overview of Manufacturing Servitization in Italy. Procedia CIRP, 2017, 64, 121-126.	1.0	17
29	An unmanned aerial vehicle-based system for large scale metrology applications. International Journal of Production Research, 2010, 48, 3867-3888.	4.9	16
30	Do Scopus and WoS correct "old" omitted citations?. Scientometrics, 2016, 107, 321-335.	1.6	16
31	Ultrasound Transducers for Large-Scale Metrology: A Performance Analysis for Their Use by the MScMS. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 110-121.	2.4	14
32	A proposal of a new paradigm for national quality certification systems. International Journal of Quality and Reliability Management, 2011, 28, 364-382.	1.3	14
33	On-line diagnostics in the Mobile Spatial coordinate Measuring System (MScMS). Precision Engineering, 2009, 33, 408-417.	1.8	13
34	The effect of database dirty data on h-index calculation. Scientometrics, 2013, 95, 1179-1188.	1.6	13
35	Impact of Journals and Academic Reputations of Authors: A Structured Bibliometric Survey of the IEEE Publication Galaxy. IEEE Transactions on Professional Communication, 2014, 57, 17-40.	0.6	13
36	Uncertainty evaluation of distributed Large-Scale-Metrology systems by a Monte Carlo approach. CIRP Annals - Manufacturing Technology, 2016, 65, 491-494.	1.7	13

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37	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> , 2020, , 1-20.	2.4	13
38	Digital voice-of-customer processing by topic modelling algorithms: insights to validate empirical results. <i>International Journal of Quality and Reliability Management</i> , 2022, 39, 1453-1470.	1.3	13
39	Mobile spatial coordinate measuring system (MScMS) and CMMs: a structured comparison. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 42, 1089-1102.	1.5	12
40	A wireless sensor network-based approach to large-scale dimensional metrology. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 1082-1094.	2.9	12
41	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> , 2016, 230, 1870-1884.	1.5	12
42	Training by Demonstration for Welding Robots by Optical Trajectory Tracking. <i>Procedia CIRP</i> , 2013, 12, 145-150.	1.0	11
43	Accuracy evaluation of a new stereophotogrammetry-based functional method for joint kinematic analysis in biomechanics. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 1183-1192.	1.0	11
44	Categorizing Quality Determinants in Mining User-Generated Contents. <i>Sustainability</i> , 2020, 12, 9944.	1.6	11
45	A novel algorithm for fusing preference orderings by rank-ordered agents. <i>Fuzzy Sets and Systems</i> , 2015, 266, 84-100.	1.6	10
46	ISO 9001 certification and failure risk: any relationship?. <i>Total Quality Management and Business Excellence</i> , 2018, 29, 1279-1293.	2.4	10
47	Mining quality determinants of product-service systems from user-generated contents. <i>Quality Engineering</i> , 2021, 33, 425-442.	0.7	10
48	A structured methodology to support human-robot collaboration configuration choice. <i>Production Engineering</i> , 2022, 16, 435-451.	1.1	10
49	An informetric model for the success-index. <i>Journal of Informetrics</i> , 2013, 7, 109-116.	1.4	9
50	Evaluating research institutions: the potential of the success-index. <i>Scientometrics</i> , 2013, 96, 85-101.	1.6	8
51	Research quality evaluation: comparing citation counts considering bibliometric database errors. <i>Quality and Quantity</i> , 2015, 49, 155-165.	2.0	8
52	A service network perspective to evaluate service matching in early design. <i>Journal of Service Theory and Practice</i> , 2018, 28, 356-383.	1.9	8
53	The player-interface method: a structured approach to support product-service systems concept generation. <i>Journal of Engineering Design</i> , 2020, 31, 331-348.	1.1	8
54	Network localization procedures for experimental evaluation of mobile spatial coordinate measuring system (MScMS). <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 48, 859-870.	1.5	7

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55	Sources of variability in the set-up of an indoor GPS. International Journal of Computer Integrated Manufacturing, 2010, 23, 487-499.	2.9	7
56	A new methodology to design multi-sensor networks for distributed large-volume metrology systems based on triangulation. Precision Engineering, 2016, 43, 105-118.	1.8	7
57	Corrective algorithms for measurement improvement in MScMS-II (mobile spatial coordinate) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	6
58	A paired-comparison approach for fusing preference orderings from rank-ordered agents. Information Fusion, 2015, 26, 84-95.	11.7	6
59	Service recycling and ecosystems: an intriguing similarity. International Journal of Quality and Service Sciences, 2016, 8, 555-562.	1.4	6
60	Enabling factors of manufacturing servitization: Empirical analysis and implications for strategic positioning. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 1258-1270.	1.5	6
61	An Innovative Indoor Coordinate Measuring System for Large-Scale Metrology Based on a Distributed IR Sensor Network. , 2009, , .		6
62	Cooperative diagnostics for distributed large-scale dimensional metrology systems based on triangulation. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 479-492.	1.5	5
63	A novel multi-target modular probe for multiple Large-Volume Metrology systems. Precision Engineering, 2018, 52, 30-54.	1.8	5
64	Short-term effects of non-competitive funding to single academic researchers. Scientometrics, 2020, 123, 1261-1280.	1.6	5
65	The Problem of Distributed Wireless Sensors Positioning in the Mobile Spatial Coordinate Measuring System (MSCMS). , 2008, , .		5
66	KA-VoC Map: Classifying product Key-Attributes from digital Voice-of-Customer. Quality Engineering, 2022, 34, 344-358.	0.7	5
67	Further clarifications about the success-index. Journal of Informetrics, 2012, 6, 669-673.	1.4	4
68	The citer-success-index: a citer-based indicator to select a subset of elite papers. Scientometrics, 2014, 101, 963-983.	1.6	4
69	The Mobile Spatial coordinate Measuring System II (MScMS-II): system description and preliminary assessment of the measurement uncertainty. International Journal of Metrology and Quality Engineering, 2010, 1, 111-119.	0.4	3
70	Volumetric Error Compensation for the MScMS-II. Procedia CIRP, 2013, 10, 98-104.	1.0	3
71	Engineering characteristics prioritisation in QFD using ordinal scales: a robustness analysis. European Journal of Industrial Engineering, 2018, 12, 151.	0.5	3
72	Indoor Environmental Mapping by Means of Autonomous Guided Agents. , 2010, , .		3

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73	Checking the Consistency of Solutions in Decision-Making Problems with Multiple Weighted Agents. International Journal of Decision Support System Technology, 2018, 10, 39-58.	0.4	3
74	Determining the extrinsic parameters of a network of Large-Volume Metrology sensors of different types. Precision Engineering, 2022, 74, 316-333.	1.8	3
75	Uncertainty Model for Systems Based on Wireless Sensor Networks for Large Scale Dimensional Metrology. , 2012, , .		1
76	Analysing uncertainty contributions in dimensional measurements of large-size objects by ultrasound sensors. International Journal of Computer Integrated Manufacturing, 2014, 27, 36-47.	2.9	1
77	Artifact-based Calibration and Performance Verification of the MScMS-II. Procedia CIRP, 2015, 27, 77-83.	1.0	1
78	Cooperative diagnostics for combinations of large volume metrology systems. International Journal of Manufacturing Research, 2019, 14, 15.	0.1	1
79	A Comparison of Two Different Approaches to Camera Calibration in LSDM Photogrammetric Systems. , 2014, , .		0
80	Service gap deployment: a framework to link quality gaps to service activities. International Journal of Services and Operations Management, 2018, 29, 85.	0.1	0
81	An Innovative Online Diagnostic Tool for a Distributed Spatial Coordinate Measuring System. , 2009, , 161-176.		0