Paolo Chiabert

List of Publications by Year
in descending order

43 papers	298 citations	1040056 9 h-index	996975 15 g-index
47 all docs	47 docs citations	47 times ranked	232 citing authors

#	Article	IF	Citations
1	Symbiotic relationship between robotics and Lean Manufacturing: a case study involving line balancing. TQM Journal, 2022, 34, 1076-1095.	3.3	5
2	The Value Stream Hierarchical Model: A Practical Tool to Apply the Lean Thinking Concepts at All the Firmsâ€™ Levels. IFIP Advances in Information and Communication Technology, 2022, , 410-424.	0.7	2
3	One-of-a-kind production (OKP) planning and control: aÂcomprehensive review and future research directions. International Journal of Productivity and Performance Management, 2022, ahead-of-print, .	3.7	0
4	Prediction and estimation model of energy demand of the AMR with cobot for the designed path in automated logistics systems. Procedia CIRP, 2021, 99, 116-121.	1.9	7
5	Analyses and Study of Human Operator Monotonous Tasks in Small Enterprises in the Era of Industry 4.0. IFIP Advances in Information and Communication Technology, 2020, , 83-97.	0.7	2
6	Integration of PLM, MES and ERP Systems to Optimize the Engineering, Production and Business. IFIP Advances in Information and Communication Technology, 2020, , 70-82.	0.7	7
7	Analytical models for cycle time and throughput evaluation of multi-shuttle deep-lane AVS/RS. International Journal of Advanced Manufacturing Technology, 2019, 104, 1919-1936.	3.0	19
8	Practical Implementation of Industry 4.0 Based on Open Access Tools and Technologies. IFIP Advances in Information and Communication Technology, 2019, , 94-103.	0.7	3
9	Integration Between PLM and MES for One-of-a-Kind Production. IFIP Advances in Information and Communication Technology, 2019, , 356-365.	0.7	3
10	Key Performance Indicators Integrating Collaborative and Mobile Robots in the Factory Networks. IFIP Advances in Information and Communication Technology, 2019, , 635-642.	0.7	3
11	Evaluation of roundness tolerance zone using measurements performed on manufactured parts: A probabilistic approach. Precision Engineering, 2018, 52, 434-439.	3.4	11
12	An integrated mathematical model for the optimization of hybrid product-process layouts. Journal of Manufacturing Systems, 2018, 46, 179-192.	13.9	7
13	Analytical models for the evaluation of deep-lane autonomous vehicle storage and retrieval system performance. International Journal of Advanced Manufacturing Technology, 2018, 94, 1811-1824.	3.0	30
14	Uzbekistan Towards Industry 4.0. Defining the Gaps Between Current Manufacturing Systems and Industry 4.0. IFIP Advances in Information and Communication Technology, 2018, , 250-260.	0.7	5
15	A Novel Methodology to Integrate Manufacturing Execution Systems with the Lean Manufacturing Approach. Procedia Manufacturing, 2017, 11, 2243-2251.	1.9	26
16	A Novel Approach for Teaching IT Tools within Learning Factories. Procedia Manufacturing, 2017, 9, 175-181.	1.9	17
17	Probabilistic method in form error evaluation: comparison of different approaches. International Journal of Advanced Manufacturing Technology, 2017, 92, 447-458.	3.0	9
18	Reflective workpiece detection and localization for flexible robotic cells. Robotics and Computer-Integrated Manufacturing, 2017, 44, 190-198.	9.9	26

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19	PLM in Engineering Education: A Pilot Study for Insights on Actual and Future Trends. IFIP Advances in Information and Communication Technology, 2017, , 277-284.	0.7	3
20	PLM-MES Integration to Support Industry 4.0. IFIP Advances in Information and Communication Technology, 2017, , 129-137.	0.7	8
21	Automatic Configuration of Modularized Products. IFIP Advances in Information and Communication Technology, 2017, , 429-439.	0.7	0
22	Deployment of Product Configurators: Analysis of Impacts Within and Outside the User Company. IFIP Advances in Information and Communication Technology, 2017, , 440-449.	0.7	1
23	A framework for manufacturing execution system deployment in an advanced additive manufacturing process. International Journal of Product Lifecycle Management, 2017, 10, 1.	0.3	1
24	PLM in a didactic environment: the path to smart factory. International Journal of Product Lifecycle Management, 2016, 9, 333.	0.3	2
25	The Role of Manufacturing Execution Systems in Supporting Lean Manufacturing. IFIP Advances in Information and Communication Technology, 2016, , 206-214.	0.7	2
26	Variational Analysis for CNC Milling Process. Procedia CIRP, 2016, 43, 118-123.	1.9	9
27	Method for automatic alignment recovery of a spur gear. International Journal of Production Research, 2016, 54, 4475-4486.	7.5	2
28	Optimal Selection of the Workpiece Recognition Parameters by Minimizing the Total Error Cost. IFAC-PapersOnLine, 2016, 49, 1424-1429.	0.9	2
29	A Proposal of Manufacturing Execution System Integration in Design for Additive Manufacturing. IFIP Advances in Information and Communication Technology, 2016, , 761-770.	0.7	3
30	PLM in a Didactic Environment: The Path to Smart Factory. IFIP Advances in Information and Communication Technology, 2016, , 640-648.	0.7	5
31	PLM-MES Integration: A Case-Study in Automotive Manufacturing. IFIP Advances in Information and Communication Technology, 2016, , 780-789.	0.7	3
32	PLM in a didactic environment: the path to smart factory. International Journal of Product Lifecycle Management, 2016, 9, 333.	0.3	1
33	Improvement of Powertrain Mechatronic Systems for Lean Automotive Manufacturing. Procedia CIRP, 2015, 33, 53-58.	1.9	5
34	PMI: a PLM Approach for the Management of Geometrical and Dimensional Controls in Modern Industries. Computer-Aided Design and Applications, 2014, 11, S36-S43.	0.6	7
35	Validation process model for product lifecycle management. International Journal of Product Lifecycle Management, 2014, 7, 230.	0.3	3
36	Introducing Collaborative Practices in Small Medium Enterprises. International Journal of Computers, Communications and Control, 2014, 5, 8.	1.8	2

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37	A Short Portable PLM Course. IFIP Advances in Information and Communication Technology, 2014, , 111-120.	0.7	1
38	A Tool to Support PLM Teaching in Universities. IFIP Advances in Information and Communication Technology, 2013, , 510-519.	0.7	3
39	A Case Study on the Integration of GPS Concepts in a PLM Based Industrial Context. IFIP Advances in Information and Communication Technology, 2013, , 336-345.	0.7	0
40	Product lifecycle management through innovative and competitive business environment. Journal of Industrial Engineering and Management, 2010, 3, .	1.5	24
41	SHAPE PARTITIONING BASED ON SYMMETRIES DETECTION. International Journal of Shape Modeling, 2008, 14, 79-104.	0.2	2
42	Statistical Modelling of Nominal and Measured Mechanical Surfaces. Journal of Computing and Information Science in Engineering, 2003, 3, 87-94.	2.7	10
43	Benefits of geometric dimensioning and tolerancing. Journal of Materials Processing Technology, 1998, 78, 29-35.	6.3	17