Marco Cantamessa

List of Publications by Year
in descending order

33 papers	537 citations	623734 14 h-index	677142 22 g-index
34 all docs	34 docs citations	34 times ranked	417 citing authors

#	Article	IF	Citations
1	An empirical perspective upon design research. Journal of Engineering Design, 2003, 14, 1-15.	2.3	68
2	Production planning and order acceptance in business to business electronic commerce. International Journal of Production Economics, 2003, 85, 233-249.	8.9	49
3	Understanding the organizational impact of PLM systems: evidence from an aerospace company. International Journal of Operations and Production Management, 2012, 32, 191-215.	5.9	39
4	Agent-based modeling and management of manufacturing systems. Computers in Industry, 1997, 34, 173-186.	9.9	38
5	Heuristics for puzzle-based storage systems driven by a limited set of automated guided vehicles. Journal of Intelligent Manufacturing, 2012, 23, 1695-1705.	7.3	35
6	Data-driven design: the new challenges of digitalization on product design and development. Design Science, 2020, 6, .	2.1	33
7	Planning and managing manufacturing capacity when demand is subject to diffusion effects. International Journal of Production Economics, 2000, 66, 227-240.	8.9	29
8	Negotiation support for Make-To-Order operations in business-to-business electronic commerce. Robotics and Computer-Integrated Manufacturing, 2004, 20, 405-416.	9.9	23
9	An empirical analysis of the PLM implementation effects in the aerospace industry. Computers in Industry, 2012, 63, 243-251.	9.9	23
10	Innovation paths in product development: An empirical research. International Journal of Production Economics, 1997, 51, 1-17.	8.9	19
11	Design Best Practices, Capabilities and Performance. Journal of Engineering Design, 1999, 10, 305-328.	2.3	19
12	Design for innovation â€“ A methodology to engineer the innovation diffusion into the development process. Computers in Industry, 2016, 75, 46-57.	9.9	18
13	Do companies with a competitive advantage make better use of IT? Evidence from Italian enterprises. International Journal of Technology Management, 2008, 42, 158.	0.5	17
14	Management of Innovation and Product Development. , 2016, , .		16
15	Product and process design effort allocation in concurrent engineering. International Journal of Production Research, 2000, 38, 3131-3147.	7.5	15
16	A Multilayer Taxonomy of Cost Estimation Techniques, Looking at the Whole Product Lifecycle. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2018, 140, .	2.2	13
17	The SoS approach for lean manufacturing systems. International Journal of Technology Management, 2012, 57, 149.	0.5	12
18	Unpacking the innovation toolbox for design research and practice. Design Science, 2019, 5, .	2.1	12

#	Article	IF	Citations
19	Hierarchical and heterarchical behaviour in agent-based manufacturing systems. Computers in Industry, 1997, 33, 305-316.	9.9	10
20	Using organizational analysis and enterprise modelling in SMEs IDEF0 for. International Journal of Computer Integrated Manufacturing, 1998, 11, 416-429.	4.6	9
21	Methodologies for designing CIM systems: A critique. Computers in Industry, 1995, 25, 281-293.	9.9	8
22	Beyond Lean Manufacturing: Developing an Integrated Methodology to Design Effective Manufacturing Systems. , 2008, , .		8
23	Usage of SoS methodologies in production system design. Computers and Industrial Engineering, 2013, 64, 562-572.	6.3	7
24	Product portfolio management. , 2005, , 404-435.		5
25	ICT Diffusion in an Aging Society: A Scenario Analysis. Lecture Notes in Computer Science, 2010, , 263-274.	1.3	4
26	Flexibility in Manufacturing â€“ An Empirical Case-Study Research. , 2009, , 19-40.		3
27	Note: Evaluating a negotiationâ€“production system through Markov chains. Production Planning and Control, 2003, 14, 578-584.	8.8	2
28	Functionality of Structured Models on Supporting Management of Design Processes: A Two-phase Integrated Framework. Procedia CIRP, 2014, 21, 236-241.	1.9	1
29	SPEED OF DIFFUSION, RETHINKING TIME AND FIRMSâ€™ STRATEGY: ANALYSIS OF THE INTERACTIONS TO LEAP ACROSS THE CHASM. International Journal of Innovation Management, 2021, 25, .	1.2	1
30	System Life-Cycle Planning. , 2009, , 191-218.		1
31	The Product Development Process. , 2016, , 209-229.		0
32	Technological Innovation Research Group, Politecnico di Torino. , 2005, , 542-545.		0
33	Policy Incentives for Innovation Diffusion: An Agent-Based Simulation. Lecture Notes in Computer Science, 2010, , 166-173.	1.3	0