

Automated process parameter resetting for injection m

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Incorporation of Phenomenological Models in a Hybrid Neural Network for Quality Control of Injection Molding. <i>Polymer-Plastics Technology and Engineering</i> , 1999, 38, 1-18.	1.9	13
2	Review of research in the determination of process parameters for plastic injection molding. <i>Advances in Polymer Technology</i> , 1999, 18, 225-236.	1.7	39
3	Fuzzy Neural Network Approach to Classifying Dyeing Defects. <i>Textile Research Journal</i> , 2001, 71, 100-104.	2.2	27
4	Linear direct current sensing system for flow monitoring in Liquid Composite Moulding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2002, 33, 385-397.	7.6	32
5	Title is missing!. <i>Journal of Intelligent Manufacturing</i> , 2002, 13, 165-176.	7.3	50
6	A computer-aided system for an optimal moulding conditions design using a simulation-based approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2003, 22, 574-586.	3.0	22
7	Shrinkage and warpage prediction of injection-molded thin-wall parts using artificial neural networks. <i>Polymer Engineering and Science</i> , 2004, 44, 2029-2040.	3.1	30
8	A review of current developments in process and quality control for injection molding. <i>Advances in Polymer Technology</i> , 2005, 24, 165-182.	1.7	152
9	Minimizing manufacturing costs for thin injection molded plastic components. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 26, 517-526.	3.0	7
10	Development of an in-process, gap-caused flash monitoring system in injection molding processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 26, 1237-1245.	3.0	2
11	The Construction and Analysis of a Prediction Model for Combining the Taguchi Method and General Regression Neural Network for Injection Moulding. <i>Polymers and Polymer Composites</i> , 2005, 13, 823-829.	1.9	1
12	IMPOS: A Method and System for Injection Molding Optimization. , 2006, , .		1
13	An assessment of the level of informatization in the Korea mold industry as a prerequisite for e-collaboration: an exploratory empirical investigation. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 897-911.	3.0	6
14	A template approach to manage mould-testing stage in a plastic injection mould project. <i>International Journal of Production Research</i> , 2007, 45, 4685-4714.	7.5	0
15	An integrated intelligent system for injection molding process determination. <i>Advances in Polymer Technology</i> , 2007, 26, 191-205.	1.7	18
16	Optimization of injection mold based on fuzzy moldability evaluation. <i>Journal of Materials Processing Technology</i> , 2008, 208, 222-228.	6.3	30
17	Mould data management in plastic injection mould industries. <i>International Journal of Production Research</i> , 2008, 46, 6269-6304.	7.5	8
18	A real-time process optimization system for injection molding. <i>Polymer Engineering and Science</i> , 2009, 49, 2031-2040.	3.1	19

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19	A fuzzy quality control-decision support system for improving operational reliability of liquid transfer operations in laboratory automation. <i>Expert Systems With Applications</i> , 2009, 36, 8064-8070.	7.6	6
20	Product quality prognosis in plastic injection moulding. <i>Production Engineering</i> , 2011, 5, 59-71.	2.3	3
23	An inverse model for injection molding of optical lens using artificial neural network coupled with genetic algorithm. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 473-487.	7.3	61
25	Optimization of injection molding process based on fuzzy quality evaluation and Taguchi experimental design. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2018, 21, 150-160.	4.5	33
26	Intelligent methods for the process parameter determination of plastic injection molding. <i>Frontiers of Mechanical Engineering</i> , 2018, 13, 85-95.	4.3	32
27	Process parameters optimization using a novel classification model for plastic injection molding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 357-370.	3.0	14
28	FIS-SMED: a fuzzy inference system application for plastic injection mold changeover. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 545-559.	3.0	11
29	Optimization of strain measurement procedure based on fuzzy quality evaluation and Taguchi experimental design. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	4
30	Multi-Objective Optimization of Injection Molding Process for Determination of Feasible Moldability Index. <i>Procedia CIRP</i> , 2019, 84, 769-773.	1.9	14
31	Modelling of transverse shrinkage of injection-moulded parts using experimental methods and fuzzy logic theory. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 710, 012010.	0.6	0
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36	Knowledge Based Driven Manufacturing System KDMS for Injection Molding. , 2015, , .		0
37	Injection Molding Process Optimization Based on Fuzzy Quality Evaluation. <i>Springer Theses</i> , 2019, , 111-137.	0.1	1
38	A Review on Machine Learning Models in Injection Molding Machines. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-28.	1.8	27
40	Optimized injection-molding process for thin-walled polypropylene part using genetic programming and interior point solver. <i>International Journal of Advanced Manufacturing Technology</i> , 2023, 124, 297-313.	3.0	5