

Xuan-Phuong Dang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4631774/publications.pdf>

Version: 2024-02-01

24
papers

805
citations

623699

14
h-index

713444

21
g-index

24
all docs

24
docs citations

24
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural optimization based on CAD-CAE integration and metamodeling techniques. CAD Computer Aided Design, 2010, 42, 889-902.	2.7	146
2	General frameworks for optimization of plastic injection molding process parameters. Simulation Modelling Practice and Theory, 2014, 41, 15-27.	3.8	116
3	Optimization of conformal cooling channels with array of baffles for plastic injection mold. International Journal of Precision Engineering and Manufacturing, 2010, 11, 879-890.	2.2	77
4	Development of a Smart Plastic Injection Mold with Conformal Cooling Channels. Procedia Manufacturing, 2017, 10, 48-59.	1.9	73
5	Design of U-shape milled groove conformal cooling channels for plastic injection mold. International Journal of Precision Engineering and Manufacturing, 2011, 12, 73-84.	2.2	62
6	Constrained multi-objective optimization of EDM process parameters using kriging model and particle swarm algorithm. Materials and Manufacturing Processes, 2018, 33, 397-404.	4.7	46
7	Multi-objective optimization of turning process of hardened material for energy efficiency. International Journal of Precision Engineering and Manufacturing, 2016, 17, 1623-1631.	2.2	32
8	Design of Advanced Injection Mold to Increase Cooling Efficiency. International Journal of Precision Engineering and Manufacturing - Green Technology, 2020, 7, 319-328.	4.9	32
9	Green machining for the dry milling process of stainless steel 304. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 881-899.	2.4	26
10	Multi-response optimization of the roller burnishing process in terms of energy consumption and product quality. Journal of Cleaner Production, 2020, 245, 119328.	9.3	26
11	Development of plastic front side panels for green cars. CIRP Journal of Manufacturing Science and Technology, 2013, 6, 44-52.	4.5	25
12	Development of a fiber-reinforced plastic armrest frame for weight-reduced automobiles. International Journal of Automotive Technology, 2011, 12, 83-92.	1.4	24
13	Optimization of the in-line induction heating process for hot forging in terms of saving operating energy. International Journal of Precision Engineering and Manufacturing, 2012, 13, 1085-1093.	2.2	22
14	Multi-objective optimization of the flat burnishing process for energy efficiency and surface characteristics. Materials and Manufacturing Processes, 2019, 34, 1888-1901.	4.7	21
15	Energy-Efficient optimization of forging process considering the manufacturing history. International Journal of Precision Engineering and Manufacturing - Green Technology, 2016, 3, 147-154.	4.9	14
16	Multi-objective optimization of hard milling process of AISI H13 in terms of productivity, quality, and cutting energy under nanofluid minimum quantity lubrication condition. Measurement and Control, 2021, 54, 820-834.	1.8	14
17	Modeling and optimization of machining parameters in milling of INCONEL-800 super alloy considering energy, productivity, and quality using nanoparticle suspended lubrication. Measurement and Control, 2021, 54, 880-894.	1.8	14
18	Design and simulation-based optimization of cooling channels for plastic injection mold. , 0, , .		12

#	ARTICLE	IF	CITATIONS
19	Reduction of heat losses for the in-line induction heating system by optimization of thermal insulation. International Journal of Precision Engineering and Manufacturing, 2013, 14, 903-909.	2.2	11
20	Multiobjective Optimization of the Heating Process for Forging Automotive Crankshaft. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2015, 137, .	2.2	6
21	A Study on the Heating Process for Forging of an Automotive Crankshaft in Terms of Energy Efficiency. Procedia CIRP, 2013, 7, 646-651.	1.9	4
22	Development of Technology for Improving Productivity and Quality of Injection Molding. Annals of DAAAM & Proceedings, 2017, , 0309-0314.	0.1	2
23	Development of a retention mechanism for minimizing defective overlap in film-insert molding. , 2010, , .		0
24	Development of a Coating Machine for Making Automotive Seat Covers. Transactions of the Korean Society of Automotive Engineers, 2017, 25, 267-272.	0.3	0