

Changhe Li

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146
papers

6,355
citations

45
h-index

77
g-index

162
ext. papers

9,732
ext. citations

4.3
avg, IF

6.45
L-index

#	Paper	IF	Citations
146	A survey of swarm intelligence for dynamic optimization: Algorithms and applications. <i>Swarm and Evolutionary Computation</i> , 2017 , 33, 1-17	9.8	300
145	A Clustering Particle Swarm Optimizer for Locating and Tracking Multiple Optima in Dynamic Environments. <i>IEEE Transactions on Evolutionary Computation</i> , 2010 , 14, 959-974	15.6	274
144	Experimental evaluation of the lubrication performance of MoS ₂ /CNT nanofluid for minimal quantity lubrication in Ni-based alloy grinding. <i>International Journal of Machine Tools and Manufacture</i> , 2015 , 99, 19-33	9.4	259
143	Experimental evaluation of MoS ₂ nanoparticles in jet MQL grinding with different types of vegetable oil as base oil. <i>Journal of Cleaner Production</i> , 2015 , 87, 930-940	10.3	248
142	A self-learning particle swarm optimizer for global optimization problems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 627-46		235
141	Dispersing mechanism and tribological performance of vegetable oil-based CNT nanofluids with different surfactants. <i>Tribology International</i> , 2019 , 131, 51-63	4.9	205
140	Experimental evaluation of the lubrication properties of the wheel/workpiece interface in minimum quantity lubrication (MQL) grinding using different types of vegetable oils. <i>Journal of Cleaner Production</i> , 2016 , 127, 487-499	10.3	198
139	Experimental evaluation of the lubrication performance of mixtures of castor oil with other vegetable oils in MQL grinding of nickel-based alloy. <i>Journal of Cleaner Production</i> , 2017 , 140, 1060-1076	10.3	191
138	Maximum undeformed equivalent chip thickness for ductile-brittle transition of zirconia ceramics under different lubrication conditions. <i>International Journal of Machine Tools and Manufacture</i> , 2017 , 122, 55-65	9.4	186
137	Analysis of grinding mechanics and improved predictive force model based on material-removal and plastic-stacking mechanisms. <i>International Journal of Machine Tools and Manufacture</i> , 2017 , 122, 81-97	9.4	184
136	Experimental study on the effect of nanoparticle concentration on the lubricating property of nanofluids for MQL grinding of Ni-based alloy. <i>Journal of Materials Processing Technology</i> , 2016 , 232, 100-115	5.3	184
135	A General Framework of Multipopulation Methods With Clustering in Undetectable Dynamic Environments. <i>IEEE Transactions on Evolutionary Computation</i> , 2012 , 16, 556-577	15.6	171
134	Heat transfer performance of MQL grinding with different nanofluids for Ni-based alloys using vegetable oil. <i>Journal of Cleaner Production</i> , 2017 , 154, 1-11	10.3	169
133	Differential evolution with auto-enhanced population diversity. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 302-15	10.2	145
132	Experimental evaluation of the lubrication properties of the wheel/workpiece interface in MQL grinding with different nanofluids. <i>Tribology International</i> , 2016 , 99, 198-210	4.9	138
131	Predictive model for minimum chip thickness and size effect in single diamond grain grinding of zirconia ceramics under different lubricating conditions. <i>Ceramics International</i> , 2019 , 45, 14908-14920	5.1	129
130	Grinding temperature and energy ratio coefficient in MQL grinding of high-temperature nickel-base alloy by using different vegetable oils as base oil. <i>Chinese Journal of Aeronautics</i> , 2016 , 29, 1084-1095	3.7	129

129	Experimental assessment of an environmentally friendly grinding process using nanofluid minimum quantity lubrication with cryogenic air. <i>Journal of Cleaner Production</i> , 2018 , 193, 236-248	10.3	115
128	Vegetable oil-based nanofluid minimum quantity lubrication turning: Academic review and perspectives. <i>Journal of Manufacturing Processes</i> , 2020 , 59, 76-97	5	110
127	Experimental research on the energy ratio coefficient and specific grinding energy in nanoparticle jet MQL grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 78, 1275-1288	3.2	102
126	Processing Characteristics of Vegetable Oil-based Nanofluid MQL for Grinding Different Workpiece Materials. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2018 , 5, 327-339	3.8	102
125	Experimental evaluation on tribological performance of the wheel/workpiece interface in minimum quantity lubrication grinding with different concentrations of Al ₂ O ₃ nanofluids. <i>Journal of Cleaner Production</i> , 2017 , 142, 3571-3583	10.3	82
124	Effect of friction coefficient on chip thickness models in ductile-regime grinding of zirconia ceramics. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 102, 2617-2632	3.2	75
123	Specific grinding energy and surface roughness of nanoparticle jet minimum quantity lubrication in grinding. <i>Chinese Journal of Aeronautics</i> , 2015 , 28, 570-581	3.7	73
122	Milling force and surface morphology of 45 steel under different Al ₂ O ₃ nanofluid concentrations. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 107, 1277-1296	3.2	70
121	Surface morphology evaluation of multi-angle 2D ultrasonic vibration integrated with nanofluid minimum quantity lubrication grinding. <i>Journal of Manufacturing Processes</i> , 2020 , 51, 44-61	5	68
120	Specific energy and surface roughness of minimum quantity lubrication grinding Ni-based alloy with mixed vegetable oil-based nanofluids. <i>Precision Engineering</i> , 2017 , 50, 248-262	2.9	66
119	Efficient Resource Allocation in Cooperative Co-Evolution for Large-Scale Global Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2017 , 21, 493-505	15.6	66
118	Advances in fabrication of ceramic corundum abrasives based on sol-gel process. <i>Chinese Journal of Aeronautics</i> , 2021 , 34, 1-17	3.7	61
117	Fast Multi-Swarm Optimization for Dynamic Optimization Problems 2008 ,		59
116	Performances of Al ₂ O ₃ /SiC hybrid nanofluids in minimum-quantity lubrication grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 3427-3441	3.2	58
115	Multi-population methods in unconstrained continuous dynamic environments: The challenges. <i>Information Sciences</i> , 2015 , 296, 95-118	7.7	57
114	Experimental evaluation of cooling performance by friction coefficient and specific friction energy in nanofluid minimum quantity lubrication grinding with different types of vegetable oil. <i>Journal of Cleaner Production</i> , 2016 , 139, 685-705	10.3	55
113	Experimental verification of nanoparticle jet minimum quantity lubrication effectiveness in grinding. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	55
112	Temperature of Grinding Carbide With Castor Oil-Based MoS ₂ Nanofluid Minimum Quantity Lubrication. <i>Journal of Thermal Science and Engineering Applications</i> , 2021 , 13,	1.9	54

111	Comparative evaluation of the lubricating properties of vegetable-oil-based nanofluids between frictional test and grinding experiment. <i>Journal of Manufacturing Processes</i> , 2017 , 26, 94-104	5	53
110	. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 590-605	15.6	52
109	Experimental evaluation of surface topographies of NMQL grinding ZrO ₂ ceramics combining multiangle ultrasonic vibration. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 100, 457-473	3.2	52
108	Experimental evaluation of the lubrication performances of different nanofluids for minimum quantity lubrication (MQL) in milling Ti-6Al-4V. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 101, 2621-2632	3.2	51
107	Research on microscale skull grinding temperature field under different cooling conditions. <i>Applied Thermal Engineering</i> , 2017 , 126, 525-537	5.8	49
106	Lubricating property of MQL grinding of Al ₂ O ₃ /SiC mixed nanofluid with different particle sizes and microtopography analysis by cross-correlation. <i>Precision Engineering</i> , 2017 , 47, 532-545	2.9	49
105	A clustering particle swarm optimizer for dynamic optimization 2009 ,		49
104	Effects of Physicochemical Properties of Different Base Oils on Friction Coefficient and Surface Roughness in MQL Milling AISI 1045. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2021 , 8, 1629	3.8	49
103	An adaptive multi-swarm optimizer for dynamic optimization problems. <i>Evolutionary Computation</i> , 2014 , 22, 559-94	4.3	46
102	Walnut Fruit Processing Equipment: Academic Insights and Perspectives. <i>Food Engineering Reviews</i> , 1	6.5	45
101	Convective Heat Transfer Coefficient Model Under Nanofluid Minimum Quantity Lubrication Coupled with Cryogenic Air Grinding TiAl ₃ V. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2021 , 8, 1113-1135	3.8	44
100	A General Framework of Dynamic Constrained Multiobjective Evolutionary Algorithms for Constrained Optimization. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2678-2688	10.2	43
99	Milling surface roughness for 7050 aluminum alloy cavity influenced by nozzle position of nanofluid minimum quantity lubrication. <i>Chinese Journal of Aeronautics</i> , 2021 , 34, 33-53	3.7	42
98	Minimum quantity lubrication machining of aeronautical materials using carbon group nanolubricant: From mechanisms to application. <i>Chinese Journal of Aeronautics</i> , 2021 ,	3.7	42
97	Effect of the physical properties of different vegetable oil-based nanofluids on MQLC grinding temperature of Ni-based alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 89, 3459-3474	3.2	32
96	Circulating purification of cutting fluid: an overview. <i>International Journal of Advanced Manufacturing Technology</i> , 2021 , 117, 1-36	3.2	32
95	Experimental research on the influence of the jet parameters of minimum quantity lubrication on the lubricating property of Ni-based alloy grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 82, 617-630	3.2	30
94	Biological Stability of Water-Based Cutting Fluids: Progress and Application. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2022 , 35,	2.5	30

93	Analysis of volume ratio of castor/soybean oil mixture on minimum quantity lubrication grinding performance and microstructure evaluation by fractal dimension. <i>Industrial Crops and Products</i> , 2018 , 111, 494-505	5.9	28
92	Modeling the operation of a common grinding wheel with nanoparticle jet flow minimal quantity lubrication. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 74, 835-850	3.2	27
91	Simulation study on effect of cutting parameters and cooling mode on bone-drilling temperature field of superhard drill. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 81, 2027-2038	3.2	27
90	An adaptive learning particle swarm optimizer for function optimization 2009 ,		25
89	Tribological properties under the grinding wheel and workpiece interface by using graphene nanofluid lubricant. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 104, 3943-3958	3.2	24
88	Process parameter optimization and experimental evaluation for nanofluid MQL in grinding Ti-6Al-4V based on grey relational analysis. <i>Materials and Manufacturing Processes</i> , 2018 , 33, 950-963	4.1	24
87	Feasibility investigations on compound process: a novel fabrication method for finishing with grinding wheel as restraint. <i>International Journal of Computational Materials Science and Surface Engineering</i> , 2011 , 4, 55	0.4	24
86	Grindability of powder metallurgy nickel-base superalloy FGH96 and sensibility analysis of machined surface roughness. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 101, 2259-2273	3.2	24
85	Experimental research on microscale grinding temperature under different nanoparticle jet minimum quantity cooling. <i>Materials and Manufacturing Processes</i> , 2017 , 32, 589-597	4.1	23
84	Analysis of flow field in cutting zone for spiral orderly distributed fiber tool. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 92, 4345-4354	3.2	23
83	Spectral analysis and power spectral density evaluation in Al ₂ O ₃ nanofluid minimum quantity lubrication milling of 45 steel. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 129-145	3.2	23
82	Microscale bone grinding temperature by dynamic heat flux in nanoparticle jet mist cooling with different particle sizes. <i>Materials and Manufacturing Processes</i> , 2018 , 33, 58-68	4.1	21
81	Modeling and simulation of useful fluid flow rate in grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 75, 1587-1604	3.2	20
80	Effects of the physicochemical properties of different nanoparticles on lubrication performance and experimental evaluation in the NMQL milling of Ti ₆ Al ₄ V. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 99, 3091-3109	3.2	20
79	A feasible-ratio control technique for constrained optimization. <i>Information Sciences</i> , 2019 , 502, 201-217	7.7	19
78	Analysis of the cooling performance of Ti ₆ Al ₄ V in minimum quantity lubricant milling with different nanoparticles. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 103, 2197-2206	3.2	19
77	Useful fluid flow and flow rate in grinding: an experimental verification. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 81, 785-794	3.2	17
76	Temperature field model and experimental verification on cryogenic air nanofluid minimum quantity lubrication grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 209-228	3.2	17

75	Extreme pressure and antiwear additives for lubricant: academic insights and perspectives. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	17
74	Improvement of useful flow rate of grinding fluid with simulation schemes. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 2113-2126	3.2	17
73	CCFR2: A more efficient cooperative co-evolutionary framework for large-scale global optimization. <i>Information Sciences</i> , 2020, 512, 64-79	7.7	17
72	Dynamic multi-objective evolutionary algorithms for single-objective optimization. <i>Applied Soft Computing Journal</i> , 2017, 61, 793-805	7.5	16
71	Numerical and experimental research on the grinding temperature of minimum quantity lubrication cooling of different workpiece materials using vegetable oil-based nanofluids. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 1971-1988	3.2	16
70	Prediction on grinding force during grinding powder metallurgy nickel-based superalloy FG96 with electroplated CBN abrasive wheel. <i>Chinese Journal of Aeronautics</i> , 2021, 34, 65-74	3.7	16
69	An Efficient Recursive Differential Grouping for Large-Scale Continuous Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2021, 25, 159-171	15.6	16
68	Grinding model and material removal mechanism of medical nanometer zirconia ceramics. <i>Recent Patents on Nanotechnology</i> , 2014, 8, 2-17	1.2	15
67	Specific Energy and G ratio of Grinding Cemented Carbide under Different Cooling and Lubrication Conditions. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 67-82	3.2	14
66	. <i>IEEE Computational Intelligence Magazine</i> , 2020, 15, 52-63	5.6	14
65	Influence of texture shape and arrangement on nanofluid minimum quantity lubrication turning. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	14
64	Constrained optimisation by solving equivalent dynamic loosely-constrained multiobjective optimisation problem. <i>International Journal of Bio-Inspired Computation</i> , 2019, 13, 86	2.9	14
63	Residual stress of grinding cemented carbide using MoS2 nano-lubricant. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	13
62	Handling Constrained Many-Objective Optimization Problems via Problem Transformation. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 4834-4847	10.2	13
61	Evolutionary Dynamic Optimization: Test and Evaluation Environments. <i>Studies in Computational Intelligence</i> , 2013, 3-37	0.8	12
60	Physicochemical properties of degradable vegetable-based oils on minimum quantity lubrication milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 4143-4155	3.2	12
59	Assessment of Dimensional Stability, Biodegradability, and Fracture Energy of Bio-Composites Reinforced with Novel Pine Cone. <i>Polymers</i> , 2021, 13,	4.5	12
58	An Experimental Research on Bone Drilling Temperature in Orthopaedic Surgery. <i>Open Materials Science Journal</i> , 2015, 9, 178-188		11

57	An Agile System to Enhance Productivity through a Modified Value Stream Mapping Approach in Industry 4.0: A Novel Approach. <i>Sustainability</i> , 2021 , 13, 11997	3.6	11
56	Experimental evaluation on tribological properties of nano-particle jet MQL grinding. <i>International Journal of Surface Science and Engineering</i> , 2015 , 9, 159	1	10
55	Evaluation of minimum quantity lubrication grinding with nano-particles and recent related patents. <i>Recent Patents on Nanotechnology</i> , 2013 , 7, 167-81	1.2	9
54	Modeling and Simulation of the Single Grain Grinding Process of the Nano-Particle Jet Flow of Minimal Quantity Lubrication. <i>Open Materials Science Journal</i> , 2014 , 8, 55-62		9
53	Comparative Analysis of Erosive Wear Behaviour of Epoxy, Polyester and Vinyl Esters Based Thermosetting Polymer Composites for Human Prosthetic Applications Using Taguchi Design. <i>Polymers</i> , 2021 , 13,	4.5	9
52	Spraying parameter optimization and microtopography evaluation in nanofluid minimum quantity lubrication grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 103, 2523-2539	3.2	8
51	Modelling and simulation of the airflow field in wedge-shaped zone during the high-speed grinding. <i>International Journal of Abrasive Technology</i> , 2013 , 6, 114	0.5	8
50	Cutting fluid corrosion inhibitors from inorganic to organic: Progress and applications. <i>Korean Journal of Chemical Engineering</i> ,1	2.8	8
49	Temperature of the 45 steel in the minimum quantity lubricant milling with different biolubricants. <i>International Journal of Advanced Manufacturing Technology</i> , 2021 , 113, 2779-2790	3.2	7
48	Many-objective optimization with dynamic constraint handling for constrained optimization problems. <i>Soft Computing</i> , 2017 , 21, 7435-7445	3.5	6
47	An Open Framework for Constructing Continuous Optimization Problems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2316-2330	10.2	6
46	Two-type weight adjustments in MOEA/D for highly constrained many-objective optimization. <i>Information Sciences</i> , 2021 , 578, 592-614	7.7	6
45	Analytical and experimental investigations into material removal mechanism of abrasive jet precision finishing with grinding wheel as restraint. <i>International Journal of Machining and Machinability of Materials</i> , 2012 , 12, 266	0.7	5
44	Study on Machining Distortion of Titanium Alloy Aircraft Monolithic Component by Finite Element Method and Experiment. <i>Advanced Science Letters</i> , 2011 , 4, 3206-3210	0.1	5
43	Characterization of Friction Stir-Welded Polylactic Acid/Aluminum Composite Primed through Fused Filament Fabrication. <i>Journal of Materials Engineering and Performance</i> ,1	1.6	5
42	Optimising discrete dynamic berth allocations in seaports using a Levy Flight based meta-heuristic. <i>Swarm and Evolutionary Computation</i> , 2019 , 44, 1003-1017	9.8	5
41	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 1118-1129	4.9	5
40	Advances and Recent Patents in the Field of Grinding Temperature Measurement Methods. <i>Recent Patents on Materials Science</i> , 2015 , 8, 55-68	0.3	4

39	An improved JADE algorithm for global optimization 2014 ,		4
38	Maintaining diversity by clustering in dynamic environments 2012 ,		4
37	Enhanced Heat Transfer Mechanism of Nanofluid MQL Cooling Grinding. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2020 ,	0.2	4
36	2019 ,		3
35	Adaptive learning particle swarm optimizer-II for global optimization 2010 ,		3
34	A Sustainable Methodology Using Lean and Smart Manufacturing for the Cleaner Production of Shop Floor Management in Industry 4.0. <i>Mathematics</i> , 2022 , 10, 347	2.3	3
33	Advances and patents about grinding equipments with nano-particle jet minimum quantity lubrication. <i>Recent Patents on Nanotechnology</i> , 2014 , 8, 215-29	1.2	3
32	Examination of the Material Removal Mechanisms During the Abrasive Jet Finishing of 45 Steel. <i>Advanced Science Letters</i> , 2011 , 4, 1478-1484	0.1	3
31	Experimental Investigations of Mechanical Characteristics and Tribological Mechanisms of Nanometric Zirconia Dental Ceramics. <i>Open Materials Science Journal</i> , 2011 , 5, 178-183		3
30	Analysis of single-grain interference mechanics based on material removal and plastic stacking mechanisms in nanofluid minimum quantity lubrication grinding. <i>Procedia CIRP</i> , 2018 , 71, 116-121	1.8	3
29	Evolutionary design of a wide-band twisted dipole antenna for X-band application 2013 ,		2
28	Mathematical Modeling and Simulation of Fluid Velocity Field in Grinding Zone with Smooth Grinding Wheel. <i>Advanced Science Letters</i> , 2011 , 4, 2468-2473	0.1	2
27	Technological Investigation about Minimum Quantity Lubrication Grinding Metallic Material with Nanofluid. <i>Recent Patents on Materials Science</i> , 2015 , 8, 208-224	0.3	2
26	Differential evolution with auto-enhanced population diversity: The experiments on the CECS2016 competition 2016 ,		2
25	Preference Index of Sustainable Natural Fibers in Stone Matrix Asphalt Mixture Using Waste Marble.. <i>Materials</i> , 2022 , 15,	3.5	2
24	Advances and Patents about Medical Surgical Operation Skull Grinding Equipment. <i>Recent Patents on Engineering</i> , 2016 , 10, 12-27	0.3	1
23	A Supervised-Learning ℓ_1 -Norm Distance Metric for Hyperspectral Remote Sensing Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 1432-1436	4.1	1
22	Dynamic constrained multi-objective evolutionary algorithms with a novel selection strategy for constrained optimization 2018 ,		1

21	Investigation on the grinding temperature field of nano-ZrO ₂ dental ceramics with a nanoparticle jet of MQL. <i>International Journal of Computational Materials Science and Surface Engineering</i> , 2014 , 6, 13	0.4	1
20	Differential Evolution based on population reduction with minimum distance 2013 ,		1
19	A Contribution-based Resource Allocation Scheme for Multi-population Methods in Dynamic Environments 2020 ,		1
18	Adaptive Multipopulation Evolutionary Algorithm for Contamination Source Identification in Water Distribution Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021 , 147, 04021014 ^{2.8}		1
17	An Efficient Benchmark Generator for Dynamic Optimization Problems. <i>Communications in Computer and Information Science</i> , 2016 , 60-72	0.3	1
16	Optimization of FDM Printing Process Parameters on Surface Finish, Thickness, and Outer Dimension with ABS Polymer Specimens Using Taguchi Orthogonal Array and Genetic Algorithms. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-13	1.1	1
15	Development of a Data-Driven Decision-Making System Using Lean and Smart Manufacturing Concept in Industry 4.0: A Case Study. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-20	1.1	1
14	Effects of Elevated Temperature on the Residual Behavior of Concrete Containing Marble Dust and Foundry Sand. <i>Materials</i> , 2022 , 15, 3632	3.5	1
13	Modelling and simulation of the surface topography generation with engineered grinding wheel. <i>International Journal of Computational Materials Science and Surface Engineering</i> , 2015 , 6, 111	0.4	0
12	Real-Time Comprehensive Energy Analysis of the LHD 811MK-V Machine with Mathematical Model Validation and Empirical Study of Overheating: An Experimental Approach. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	0
11	Effect of B4C on CBN/CuSnTi laser cladding grinding tool. <i>International Journal of Advanced Manufacturing Technology</i> , 1	3.2	0
10	Error compensation for tool-tip trace during cutting of laminated paper for rapid prototyping. <i>Frontiers of Mechanical Engineering in China</i> , 2009 , 4, 111-119		
9	Material Removal Mechanisms Analysis in the Finishing Machining of Engineering Ceramics 2006 , 729-734		
8	Experimental Research on Heat Transfer Performance in MQL Grinding With Different Nanofluids 2021 , 1031-1051		
7	Enhanced Heat Transfer Mechanism of Nanofluids Minimum Lubrication Grinding 2021 , 928-950		
6	Experimental Evaluation on Tribological Performance of the Wheel/Workpiece Interface in NMQL Grinding With Different Concentrations of Al ₂ O ₃ Nanofluids 2021 , 1608-1627		
5	Dynamic Multi-objective Optimization for Multi-objective Vehicle Routing Problem with Real-time Traffic Conditions. <i>Studies in Systems, Decision and Control</i> , 2021 , 289-307	0.8	
4	Experimental Research on Minimum Quantity Lubrication Surface Grinding With Different Cooling and Lubrication Conditions 2021 , 1052-1079		

- 3 Experimental Evaluation on the Effect of Nanofluids Physical Properties With Different Concentrations on Grinding Temperature **2021**, 904-927
- 2 CCFR3: A cooperative co-evolution with efficient resource allocation for large-scale global optimization. *Expert Systems With Applications*, **2022**, 203, 117397 7.8
- 1 Impact of Unsustainable Environmental Conditions Due to Vehicular Emissions on Associated Lifetime Cancer Risk in India: A Novel Approach. *International Journal of Environmental Research and Public Health*, **2022**, 19, 6459 4.6