

Tianbiao Yu

List of Publications by Year in descending order

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226
papers

3,304
citations

136950

32
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197818

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docs citations

232
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanics analysis and predictive force models for the single-diamond grain grinding of carbon fiber reinforced polymers using CNT nano-lubricant. <i>Journal of Materials Processing Technology</i> , 2021, 290, 116976.	6.3	192
2	Nano-enhanced biolubricant in sustainable manufacturing: From processability to mechanisms. <i>Friction</i> , 2022, 10, 803-841.	6.4	144
3	Cutting forces in micro-end-milling processes. <i>International Journal of Machine Tools and Manufacture</i> , 2016, 107, 21-40.	13.4	133
4	Detailed modeling of cutting forces in grinding process considering variable stages of grain-workpiece micro interactions. <i>International Journal of Mechanical Sciences</i> , 2017, 126, 319-339.	6.7	114
5	Evaluation of grinding-induced subsurface damage in optical glass BK7. <i>Journal of Materials Processing Technology</i> , 2016, 229, 785-794.	6.3	97
6	Analytical modeling of grinding-induced subsurface damage in monocrystalline silicon. <i>Materials and Design</i> , 2017, 130, 250-262.	7.0	89
7	Parameter optimization during minimum quantity lubrication milling of TC4 alloy with graphene-dispersed vegetable-oil-based cutting fluid. <i>Journal of Cleaner Production</i> , 2019, 209, 1508-1522.	9.3	79
8	Experimental research and multi-response multi-parameter optimization of laser cladding Fe313. <i>Optics and Laser Technology</i> , 2018, 108, 321-332.	4.6	75
9	Microstructure and wear resistance of in-situ synthesized Ti(C, N) ceramic reinforced Fe-based coating by laser cladding. <i>Ceramics International</i> , 2018, 44, 22538-22548.	4.8	67
10	Energy consumption considering tool wear and optimization of cutting parameters in micro milling process. <i>International Journal of Mechanical Sciences</i> , 2020, 178, 105628.	6.7	64
11	A grinding force predictive model and experimental validation for the laser-assisted grinding (LAG) process of zirconia ceramic. <i>Journal of Materials Processing Technology</i> , 2022, 302, 117492.	6.3	60
12	Prediction of cutting forces and instantaneous tool deflection in micro end milling by considering tool run-out. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 124-133.	6.7	58
13	Microstructure and friction coefficient of ceramic (TiC, TiN and B4C) reinforced Ni-based coating by laser cladding. <i>Ceramics International</i> , 2019, 45, 20824-20836.	4.8	55
14	In-situ NbC reinforced Fe-based coating by laser cladding: Simulation and experiment. <i>Surface and Coatings Technology</i> , 2021, 412, 127027.	4.8	55
15	Experimental evaluation of an eco-friendly grinding process combining minimum quantity lubrication and graphene-enhanced plant-oil-based cutting fluid. <i>Journal of Cleaner Production</i> , 2020, 244, 118747.	9.3	54
16	The relationship between convection mechanism and solidification structure of the iron-based molten pool in metal laser direct deposition. <i>International Journal of Mechanical Sciences</i> , 2020, 165, 105207.	6.7	52
17	Microstructure and properties of laser clad B4C/TiC/Ni-based composite coating. <i>International Journal of Refractory Metals and Hard Materials</i> , 2020, 86, 105112.	3.8	52
18	Geometry and dilution rate analysis and prediction of laser cladding. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 4695-4702.	3.0	49

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19	Effects of laser-assisted grinding on surface integrity of zirconia ceramic. <i>Ceramics International</i> , 2020, 46, 921-929.	4.8	49
20	Analytical modeling of ground surface topography in monocrystalline silicon grinding considering the ductile-regime effect. <i>Archives of Civil and Mechanical Engineering</i> , 2017, 17, 880-893.	3.8	48
21	Surface generation modeling of micro milling process with stochastic tool wear. <i>Precision Engineering</i> , 2020, 61, 170-181.	3.4	43
22	Modeling and simulation of 3D geometry prediction and dynamic solidification behavior of Fe-based coatings by laser cladding. <i>Optics and Laser Technology</i> , 2021, 139, 107009.	4.6	43
23	MQL milling of TC4 alloy by dispersing graphene into vegetable oil-based cutting fluid. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 1735-1753.	3.0	42
24	Microstructure and properties of metal parts remanufactured by laser cladding TiC and TiB ₂ reinforced Fe-based coatings. <i>Ceramics International</i> , 2022, 48, 14127-14140.	4.8	42
25	On the predictive modelling of machined surface topography in abrasive air jet polishing of quartz glass. <i>International Journal of Mechanical Sciences</i> , 2019, 152, 1-18.	6.7	41
26	Assessment and optimization of grinding process on AISI 1045 steel in terms of green manufacturing using orthogonal experimental design and grey relational analysis. <i>Journal of Cleaner Production</i> , 2020, 253, 119896.	9.3	41
27	Development mechanism and solidification morphology of molten pool generated by laser cladding. <i>International Journal of Thermal Sciences</i> , 2021, 159, 106579.	4.9	41
28	In-process stochastic tool wear identification and its application to the improved cutting force modeling of micro milling. <i>Mechanical Systems and Signal Processing</i> , 2022, 164, 108233.	8.0	41
29	Repair of spline shaft by laser-cladding coarse TiC reinforced Ni-based coating: Process, microstructure and properties. <i>Ceramics International</i> , 2021, 47, 30113-30128.	4.8	40
30	Experimental investigation on grinding characteristics of optical glass BK7: with special emphasis on the effects of machining parameters. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 82, 1405-1419.	3.0	38
31	An analytical approach on stochastic model for cutting force prediction in milling ceramic matrix composites. <i>International Journal of Mechanical Sciences</i> , 2020, 168, 105314.	6.7	36
32	Microstructure and wear resistance behavior of Ti-4B ₄ C-reinforced composite coating. <i>Ceramics International</i> , 2020, 46, 25136-25148.	4.8	35
33	Process parameters optimization and mechanical properties of forming parts by direct laser fabrication of YCF101 alloy. <i>Journal of Materials Processing Technology</i> , 2018, 262, 75-84.	6.3	33
34	Grinding temperature field prediction by meshless finite block method with double infinite element. <i>International Journal of Mechanical Sciences</i> , 2019, 153-154, 131-142.	6.7	32
35	Effects of the ultrasonic vibration field on polishing process of nickel-based alloy Inconel718. <i>Journal of Materials Processing Technology</i> , 2019, 273, 116228.	6.3	32
36	Improved analytical prediction of burr formation in micro end milling. <i>International Journal of Mechanical Sciences</i> , 2019, 151, 461-470.	6.7	32

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37	Analytical model of dynamic and overlapped footprints in abrasive air jet polishing of optical glass. <i>International Journal of Machine Tools and Manufacture</i> , 2019, 141, 59-77.	13.4	30
38	Effect of process parameters on the cladding track geometry fabricated by laser cladding. <i>Optik</i> , 2020, 223, 165447.	2.9	29
39	Microstructure and mechanical properties of TiN-reinforced Ni204-based laser-cladding composite coating. <i>Ceramics International</i> , 2021, 47, 5918-5928.	4.8	29
40	Fabrication of high hardness microarray diamond tools by femtosecond laser ablation. <i>Optics and Laser Technology</i> , 2021, 140, 107014.	4.6	29
41	Analysis of loads on grinding wheel binder in grinding process: insights from discontinuum-hypothesis-based grinding simulation. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 78, 1943-1960.	3.0	28
42	Kinematics modeling and simulating of grinding surface topography considering machining parameters and vibration characteristics. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 2459-2470.	3.0	28
43	Research of Pneumatic Polishing Force Control System Based on High Speed On/off with PWM Controlling. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 70, 102133.	9.9	27
44	Material removal mechanism of two-dimensional ultrasonic vibration assisted polishing Inconel718 nickel-based alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 657-667.	3.0	26
45	Modeling and simulation of grinding wheel by discrete element method and experimental validation. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 81, 1921-1938.	3.0	24
46	Modeling and prediction of generated local surface profile for ultrasonic vibration-assisted polishing of optical glass BK7. <i>Journal of Materials Processing Technology</i> , 2021, 289, 116933.	6.3	24
47	Process optimization, microstructure and microhardness of coaxial laser cladding TiC reinforced Ni-based composite coatings. <i>Optics and Laser Technology</i> , 2022, 152, 108129.	4.6	24
48	Study of 3D grinding temperature field based on finite difference method: considering machining parameters and energy partition. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 915.	3.0	23
49	Numerical model of transient convection pattern and forming mechanism of molten pool in laser cladding. <i>Numerical Heat Transfer; Part A: Applications</i> , 2019, 75, 855-873.	2.1	20
50	Influences of z-axis increment and analyses of defects of AISI 316L stainless steel hollow thin-walled cylinder. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 97, 2203-2220.	3.0	18
51	Effect of TiC content on the microstructure and wear performance of in situ synthesized Ni-based composite coatings by laser direct energy deposition. <i>Surface and Coatings Technology</i> , 2022, 444, 128678.	4.8	18
52	Modeling, simulation, and optimization of five-axis milling processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 1611-1624.	3.0	17
53	The study of ultrasonic vibration assisted polishing optical glass lens with ultrasonic atomizing liquid. <i>Journal of Manufacturing Processes</i> , 2018, 34, 389-400.	5.9	17
54	Effect of shielding gas flow rate on cladding quality of direct laser fabrication AISI 316L stainless steel. <i>Journal of Manufacturing Processes</i> , 2019, 48, 51-65.	5.9	17

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55	Study on optimization of ultrasonic-vibration-assisted polishing process parameters. Measurement: Journal of the International Measurement Confederation, 2019, 135, 651-660.	5.0	17
56	Cutting forces modeling for micro flat end milling by considering tool run-out and bottom edge cutting effect. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 470-485.	2.4	17
57	Experimental investigation and numerical analysis for machinability of alumina ceramic by laser-assisted grinding. Precision Engineering, 2021, 72, 798-806.	3.4	17
58	Microstructure evolution and wear resistance of in-situ synthesized (Ti, Nb)C ceramic reinforced Ni204 composite coatings. Ceramics International, 2022, 48, 17518-17528.	4.8	17
59	Effect of machining parameters on the milling process of 2.5D C/SiC ceramic matrix composites. Machining Science and Technology, 2020, 24, 227-244.	2.5	16
60	Effect of laser re-melting on geometry and mechanical properties of YCF102 cladding layer. Surface and Coatings Technology, 2021, 408, 126789.	4.8	16
61	Predictive modeling and experimental study of generated surface-profile for ultrasonic vibration-assisted polishing of optical glass BK7 in straight feeding process. Ceramics International, 2021, 47, 19809-19823.	4.8	16
62	Effect of laser cladding on forming qualities of YCF101 alloy powder in the different lap joint modes. International Journal of Advanced Manufacturing Technology, 2018, 96, 1991-2001.	3.0	14
63	Effects of ZrO ₂ and Y ₂ O ₃ on physical and mechanical properties of ceramic bond and ceramic CBN composites. International Journal of Refractory Metals and Hard Materials, 2018, 75, 18-24.	3.8	14
64	Kinematic simulation of surface grinding process with random cBN grain model. International Journal of Advanced Manufacturing Technology, 2019, 100, 2725-2739.	3.0	14
65	Study on polishing slurry waste reduction in polishing monocrystalline silicon based on ultrasonic atomization. Journal of Cleaner Production, 2019, 233, 1-12.	9.3	14
66	Effect of laser power on molten pool evolution and convection. Numerical Heat Transfer; Part A: Applications, 2020, 78, 48-59.	2.1	14
67	An intelligent sustainability evaluation system of micro milling. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102239.	9.9	14
68	Sub-regional polishing and machining trajectory selection of complex surface based on K9 optical glass. Journal of Materials Processing Technology, 2022, 304, 117563.	6.3	14
69	Effect of ultrasonic vibration on polishing monocrystalline silicon: surface quality and material removal rate. International Journal of Advanced Manufacturing Technology, 2019, 103, 2109-2119.	3.0	13
70	Effects of CeO ₂ addition on microstructure and properties of ceramics reinforced Fe-based coatings by laser cladding. International Journal of Advanced Manufacturing Technology, 2021, 115, 2581-2593.	3.0	13
71	Material removal profile prediction and experimental validation for obliquely axial ultrasonic vibration-assisted polishing of K9 optical glass. Ceramics International, 2021, 47, 33106-33119.	4.8	13
72	Three-dimensional process stability prediction of thin-walled workpiece in milling operation. Machining Science and Technology, 2016, 20, 406-424.	2.5	12

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73	Experimental and simulation studies of abrasive particles impacting monocrystalline silicon in suspension thin film flow field of ultrasonic polishing. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 819-840.	3.0	12
74	Effect of W content on the microstructure and properties of Cu-Fe alloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6464-6474.	5.8	12
75	Study on Project Experts' Evaluation Based on Analytic Hierarchy Process and Fuzzy Comprehensive Evaluation. , 2008, , .		11
76	Effect of laser cladding on forming microhardness and tensile strength of YCF101 alloy powder in the different full lap joint modes. <i>Journal of Alloys and Compounds</i> , 2020, 820, 150230.	5.5	11
77	Study on the grindability of nano-vitrified bond CBN grinding wheel for nickel-based alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 100, 1913-1921.	3.0	10
78	Investigation on the grinding properties of high thermal conductivity vitrified bond CBN grinding wheel for titanium alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 1539-1549.	3.0	10
79	Study on machining BK7 optical glass by ultrasonic vibration-assisted polishing considering the micro-contact state of the abrasive particles with the workpiece. <i>Journal of Manufacturing Processes</i> , 2021, 72, 469-482.	5.9	10
80	Meso-scale numerical simulation and experimental verification of single grain grinding TiCâ€“Fe composites. <i>Ceramics International</i> , 2022, 48, 12299-12310.	4.8	10
81	Effects of Ni addition on properties of vitrified bond CBN composites in strong magnetic field. <i>Ceramics International</i> , 2018, 44, 9312-9317.	4.8	9
82	Effects of sintering in a high magnetic field on properties of vitrified bond and vitrified CBN composites. <i>Ceramics International</i> , 2018, 44, 22301-22307.	4.8	9
83	Prediction of 3D grinding temperature field based on meshless method considering infinite element. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 100, 3067-3084.	3.0	9
84	CFD simulation and experimental studies of suspension flow field in ultrasonic polishing. <i>Journal of Materials Processing Technology</i> , 2019, 266, 715-725.	6.3	9
85	Calculation and verification of Start/Stop optimum overlapping rate on metal DLF technology. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 437-452.	3.0	8
86	Research on surface integrity in graphene nanofluid MQL milling of TC21 alloy. <i>International Journal of Abrasive Technology</i> , 2019, 9, 49.	0.2	8
87	Study on textured CBN grinding wheel by laser cladding. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 865-876.	3.0	8
88	Mechanical property of YCF101 coating under different overlap modes by laser cladding. <i>Optik</i> , 2020, 212, 164714.	2.9	8
89	Modeling and analysis of the material removal rate for ultrasonic vibrationâ€“assisted polishing of optical glass BK7. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 118, 627-639.	3.0	8
90	Evolution and convection mechanism of the melt pool formed by V-groove laser cladding. <i>Optics and Laser Technology</i> , 2021, 144, 107443.	4.6	8

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91	Modal Analysis of Spindle System on Ultra-high Speed Grinder. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2012, 48, 183.	0.5	8
92	Instantaneous uncut chip thickness modeling for micro-end milling process. Machining Science and Technology, 2017, 21, 582-602.	2.5	7
93	Interactive optimization of process parameters and coating analysis of laser cladding JG-3 powder. International Journal of Advanced Manufacturing Technology, 2020, 107, 2623-2633.	3.0	7
94	Study on Simulation and Experiment of Dynamic Characteristics of the Linear Rolling Guide in Turn-Milling Centre. Advanced Science Letters, 2011, 4, 1913-1917.	0.2	7
95	Experimental investigation of ultrasonic-vibration polishing of K9 optical glass based on ultrasonic atomization. Ceramics International, 2022, 48, 9067-9074.	4.8	7
96	Study on the effect of ultrasonic vibration-assisted polishing on the surface properties of alumina ceramic. Ceramics International, 2022, 48, 21389-21406.	4.8	7
97	Clearance effected accuracy and error sensitivity analysis: A new nonlinear equivalent method for spatial parallel robot. Journal of Mechanical Science and Technology, 2017, 31, 5493-5504.	1.5	6
98	Mechanical properties of porous structure 3D printed with Vero White photosensitive resin. Rapid Prototyping Journal, 2019, 26, 539-548.	3.2	6
99	An improved calculation method for cutting contact point and tool orientation analysis according to the CC points. Precision Engineering, 2020, 61, 1-13.	3.4	6
100	The synergistic effect of nano Y2O3/CeO2 and nano Al2O3/SiO2 on the properties of vitrified bond and vitrified bond CBN composites. Ceramics International, 2020, 46, 14224-14231.	4.8	6
101	Effect of B4C on CBN/CuSnTi laser cladding grinding tool. International Journal of Advanced Manufacturing Technology, 2022, 119, 6307-6319.	3.0	6
102	Predictive modeling and experimental study of polishing force for ultrasonic vibration-assisted polishing of K9 optical glass. International Journal of Advanced Manufacturing Technology, 2022, 119, 3119-3139.	3.0	6
103	Research on prognostic health management (PHM) model for fighter planes based on flight data. , 2008, , .		5
104	A web-based virtual system for turn-milling center. International Journal of Advanced Manufacturing Technology, 2013, 67, 2395-2409.	3.0	5
105	Dynamic cutting force prediction for micro end milling considering tool vibrations and run-out. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 2248-2261.	2.1	5
106	Simulation Analysis of Knee Ligaments in the Landing Phase of Freestyle Skiing Aerial. Applied Sciences (Switzerland), 2019, 9, 3713.	2.5	5
107	Process optimization for improving topography quality and manufacturing accuracy of thin-walled cylinder direct laser fabrication. International Journal of Advanced Manufacturing Technology, 2019, 105, 2087-2101.	3.0	5
108	Effect of cobalt on properties of vitrified bond and vitrified cubic boron nitride composites. Ceramics International, 2020, 46, 5337-5343.	4.8	5

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109	Slicing strategy and process of laser direct metal deposition (DMD) of the inclined thin-walled part under open-loop control. Rapid Prototyping Journal, 2022, 28, 68-86.	3.2	5
110	Mechanical properties and magnetic properties of in-situ Co ₃ Fe ₇ reinforced YCF102 coating by laser cladding. Journal of Materials Research and Technology, 2022, 17, 713-724.	5.8	5
111	Predictive and experimental research on the polishing slurry consumption model for ultrasonic vibration-assisted polishing of optical glass BK7. Ceramics International, 2022, 48, 10048-10058.	4.8	5
112	Research on motion simulation for robot based on virtual reality. , 2007, , .		4
113	Research on Virtual NC Technique in Turning and Milling Process. , 2007, , .		4
114	Dynamic Analysis and Design of the Spindle-Bearing System in Turn-milling Centre. , 2007, , .		4
115	System of CRM Performance Evaluation Based on Fuzzy Comprehensive Algorithm. , 2008, , .		4
116	Modeling of Virtual Grinding Wheel and its Grinding Simulation. Key Engineering Materials, 2009, 416, 216-222.	0.4	4
117	Decision Support System of Product Development Based on Multi-agent. , 2009, , .		4
118	Experiment Study Based on Nano-Ceramic Grinding Wheel Bond. Advanced Materials Research, 0, 299-300, 250-254.	0.3	4
119	Effect of TiO ₂ addition and high magnetic field sintering on properties of vitrified bond CBN composites. Ceramics International, 2018, 44, 16307-16313.	4.8	4
120	Simulation of 3D grinding temperature field by using an improved finite difference method. International Journal of Advanced Manufacturing Technology, 2020, 108, 3871-3884.	3.0	4
121	Application of GC-TOPSIS Method in the Process of Supplier Evaluation. , 2009, , .		3
122	Development and Research of Simulation System of Vitrified Bond CBN Grinding Wheel Based on Virtual Reality Technology. , 2009, , .		3
123	Integrating Analytic Hierarchy Process and Genetic Algorithm for Aircraft Engine Maintenance Scheduling Problem. Advances in Intelligent and Soft Computing, 2010, , 897-915.	0.2	3
124	Thermal-Mechanical Analysis of Hybrid Spindle System Based on FEM. Advanced Materials Research, 0, 565, 644-649.	0.3	3
125	Study on Radial Deformation of CBN Grinding Wheel Considering Centrifugal Force and Grinding Heat. Advanced Materials Research, 0, 797, 500-504.	0.3	3
126	A New Filtering System for Using a Consumer Depth Camera at Close Range. Sensors, 2019, 19, 3460.	3.8	3

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127	Research on Manufacturing Technology of Thin-walled Parts of Fe105 metal Based on Laser Cladding. Journal of Physics: Conference Series, 2019, 1187, 032043.	0.4	3
128	Modeling virtual abrasive grain based on random ellipsoid tangent plane. International Journal of Advanced Manufacturing Technology, 2021, 113, 2049-2064.	3.0	3
129	Laser fabricated nickel-based coating with different overlap modes. Materials and Manufacturing Processes, 2021, 36, 1618-1630.	4.7	3
130	Study on a Chiral Structure with Tunable Poisson's Ratio. Materials, 2021, 14, 3338.	2.9	3
131	Grinding performance oriented experimental evaluation on TiC-Steel cermet with vitrified bond cBN wheel. Ceramics International, 2021, 47, 34949-34958.	4.8	3
132	Analysis of TBM Monitoring Data Based on Grey Theory and Neural Network. Advances in Intelligent Systems and Computing, 2013, , 1071-1080.	0.6	3
133	Preparation of a novel vitrified bond CBN grinding wheel and study on the grinding performance. Ceramics International, 2022, 48, 15565-15575.	4.8	3
134	Parameter optimization of ultrasonic vibration polishing K9 optical glass based on ultrasonic atomization. Ceramics International, 2022, 48, 19944-19953.	4.8	3
135	Development and characteristics research of flexible manufacturing cell for optical free-form surface. Advances in Mechanical Engineering, 2022, 14, 168781322210929.	1.6	3
136	Study on collaborative technical service system oriented product lifecycle based on multi-agent. , 2009, , .		2
137	Web-based system for industry using information and communication technologies. Kybernetes, 2009, 38, 533-541.	2.2	2
138	Research on Flatness Error Measurement of Revolving Body End-Face. Applied Mechanics and Materials, 2010, 44-47, 4002-4006.	0.2	2
139	Advances in Simulation of Grinding Process. Applied Mechanics and Materials, 2011, 121-126, 1879-1885.	0.2	2
140	Researches on Virtual Machining Simulation of Flexible Manufacturing Cell Based on KUKA Robot. Key Engineering Materials, 2014, 621, 499-504.	0.4	2
141	Laser Cladding Ti Coated CBN/CuSnTi Alloy on Steel for Grinding Tools of Ocean Ship. Journal of Coastal Research, 2019, 83, 571.	0.3	2
142	Research on Web-Based Multi-Agent System for Aeroengine Fault Diagnosis. , 2008, , .		1
143	Study on partner selection of the agile supply chain based on fuzzy analytic hierarchy process. , 2008, , .		1
144	Dynamic scheduling of flexible job shop based on genetic algorithm. , 2008, , .		1

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145	Product Quality Design Based on CSCW under Networked Manufacturing. , 2008, , .		1
146	Optimal Scheduling of Resources Based on Fuzzy Set and Genetic Algorithm. , 2008, , .		1
147	Research on CRM Performance Evaluation Based on Fuzzy Comprehensive Algorithm. , 2008, , .		1
148	Analysis of dynamic performance simulation for turn-milling centre. International Journal of Modelling, Identification and Control, 2009, 7, 33.	0.2	1
149	Deep Hole Honing Based on Squeeze Film Damping Technology. Advanced Materials Research, 0, 76-78, 252-257.	0.3	1
150	Study on project management system oriented collaborative design. , 2009, , .		1
151	Machine Tool Selection Based on AHP and ACO. Applied Mechanics and Materials, 0, 44-47, 874-878.	0.2	1
152	A Simulation System for Grinding Based on Virtual Reality. Advanced Materials Research, 2010, 126-128, 96-100.	0.3	1
153	Investigation of Grinding Process Simulation. Advanced Materials Research, 0, 126-128, 119-124.	0.3	1
154	Modeling and Simulation of Dynamic Characteristics of the Linear Rolling Guide in Turn-Milling Centre. Key Engineering Materials, 2011, 464, 358-361.	0.4	1
155	Research on Macro Simulation of Surface Grinding Based on FEM. Advanced Materials Research, 0, 325, 79-84.	0.3	1
156	Dynamics Simulation of Capsule Filling Machine Based Virtual Prototype. Applied Mechanics and Materials, 0, 127, 582-587.	0.2	1
157	Study and Development of the Document Management System Oriented Collaborative Design. Advanced Materials Research, 2012, 433-440, 2047-2052.	0.3	1
158	Dynamic Characteristics Analysis of Two-Phase Flow Diaphragm Pump Based on MATLAB and ADAMS. Key Engineering Materials, 2012, 522, 495-502.	0.4	1
159	Simulation Analysis of Drive System of Wind Turbine Gearboxes. Advanced Materials Research, 0, 476-478, 2079-2082.	0.3	1
160	Thermal Characteristics Analysis of Liquid Hybrid Bearing on Ultra-High Speed Grinding. Advanced Materials Research, 0, 565, 171-176.	0.3	1
161	Research on fault diagnosis of TBM main bearing based on improved BP neural network. , 2012, , .		1
162	Research and Application of NC Machine Tool Energy Consumption Control Optimization. Key Engineering Materials, 2013, 579-580, 314-319.	0.4	1

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163	Simulation Analysis of Kinematics and Dynamics of 3-TPS Hybrid Robot. Advanced Materials Research, 2014, 983, 379-382.	0.3	1
164	Effect of Li₂O, K₂O and ZnO on Vitrified Bond Composites for CBN Grinding Wheels. Materials Science Forum, 0, 874, 193-198.	0.3	1
165	A numerical method to predict work-hardening caused by plastic deformation. Engineering Analysis With Boundary Elements, 2020, 112, 25-38.	3.7	1
166	STUDY ON APPLICATION OF SQUEEZE FILM DAMPER IN PRECISION HOLE GRINDING. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2003, 39, 114.	0.5	1
167	Experimental Study on Precision Hole Machining with Squeeze Film Damping Technology. Key Engineering Materials, 0, , 90-94.	0.4	1
168	Research on Supply Chain Negotiation under Networked Manufacturing Environment. , 2006, , .		0
169	Research on Green Technical Services System Oriented Product Lifecycle. , 2007, , .		0
170	Research on project evaluation system based on 'black box' technology. , 2007, , .		0
171	Application of magnetorheological fluid squeeze film dampers in ultra-high speed grinding. Proceedings of SPIE, 2007, 6423, 517.	0.8	0
172	Research on After-Sale Services Evaluation Based-Analytic Hierarchy Process and Fuzzy Comprehensive Evaluation. , 2007, , .		0
173	Research of Networked Technical Services System Oriented Product Lifecycle. , 2008, , .		0
174	Research of collaborative process workflow modeling based on stochastic Petri nets. , 2008, , .		0
175	Research of networked technical service oriented production process based on multi-agent. , 2008, , .		0
176	Application of BP neural network for decision supported system oriented cooperative design. , 2008, , .		0
177	Study on Networked Technical Service System Oriented Product Lifecycle. , 2008, , .		0
178	An Intelligent Decision Support System Based on MAS for Product Development. , 2008, , .		0
179	Experimental Study of the Ultrahigh Speed Grinding Spindle System with a Squeeze Film Damper. Key Engineering Materials, 0, 375-376, 658-662.	0.4	0
180	Experiment Study on Vitrified Bonded Wheels of Quick-Point Grinding. Advanced Materials Research, 0, 53-54, 237-242.	0.3	0

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181	Neural Network Model Based Job Scheduling and Its Implementation in Networked Manufacturing. , 2008, , .		0
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