

Tianbiao Yu

List of Publications by Year in descending order

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226
papers

3,304
citations

136950

32
h-index

197818

49
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232
all docs

232
docs citations

232
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of the material removal rate for ultrasonic vibration-assisted polishing of optical glass BK7. International Journal of Advanced Manufacturing Technology, 2022, 118, 627-639.	3.0	8
2	An intelligent sustainability evaluation system of micro milling. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102239.	9.9	14
3	In-process stochastic tool wear identification and its application to the improved cutting force modeling of micro milling. Mechanical Systems and Signal Processing, 2022, 164, 108233.	8.0	41
4	Nano-enhanced biolubricant in sustainable manufacturing: From processability to mechanisms. Friction, 2022, 10, 803-841.	6.4	144
5	The microstructure and mechanical properties of Co/YCF102 composite coating. Rapid Prototyping Journal, 2022, 28, 647-653.	3.2	0
6	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
7	A grinding force predictive model and experimental validation for the laser-assisted grinding (LAG) process of zirconia ceramic. Journal of Materials Processing Technology, 2022, 302, 117492.	6.3	60
8	Effect of B4C on CBN/CuSnTi laser cladding grinding tool. International Journal of Advanced Manufacturing Technology, 2022, 119, 6307-6319.	3.0	6
9	Meso-scale numerical simulation and experimental verification of single grain grinding TiC-Fe composites. Ceramics International, 2022, 48, 12299-12310.	4.8	10
10	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
11	Microstructure and properties of metal parts remanufactured by laser cladding TiC and TiB2 reinforced Fe-based coatings. Ceramics International, 2022, 48, 14127-14140.	4.8	42
12	Mechanical properties and magnetic properties of in-situ Co3Fe7 reinforced YCF102 coating by laser cladding. Journal of Materials Research and Technology, 2022, 17, 713-724.	5.8	5
13	Preparation of a novel vitrified bond CBN grinding wheel and study on the grinding performance. Ceramics International, 2022, 48, 15565-15575.	4.8	3
14	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
15	Experimental investigation of ultrasonic-vibration polishing of K9 optical glass based on ultrasonic atomization. Ceramics International, 2022, 48, 9067-9074.	4.8	7
16	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
17	Parameter optimization of ultrasonic vibration polishing K9 optical glass based on ultrasonic atomization. Ceramics International, 2022, 48, 19944-19953.	4.8	3
18	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

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19	Process optimization, microstructure and microhardness of coaxial laser cladding TiC reinforced Ni-based composite coatings. Optics and Laser Technology, 2022, 152, 108129.	4.6	24
20	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
21	Development and characteristics research of flexible manufacturing cell for optical free-form surface. Advances in Mechanical Engineering, 2022, 14, 168781322210929.	1.6	3
22	Effect of TiC content on the microstructure and wear performance of in situ synthesized Ni-based composite coatings by laser direct energy deposition. Surface and Coatings Technology, 2022, 444, 128678.	4.8	18
23	Modeling and prediction of generated local surface profile for ultrasonic vibration-assisted polishing of optical glass BK7. Journal of Materials Processing Technology, 2021, 289, 116933.	6.3	24
24	Development mechanism and solidification morphology of molten pool generated by laser cladding. International Journal of Thermal Sciences, 2021, 159, 106579.	4.9	41
25	Mechanics analysis and predictive force models for the single-diamond grain grinding of carbon fiber reinforced polymers using CNT nano-lubricant. Journal of Materials Processing Technology, 2021, 290, 116976.	6.3	192
26	Microstructure and mechanical properties of Ti-Ca-TiN-reinforced Ni204-based laser-cladding composite coating. Ceramics International, 2021, 47, 5918-5928.	4.8	29
27	Effect of laser re-melting on geometry and mechanical properties of YCF102 cladding layer. Surface and Coatings Technology, 2021, 408, 126789.	4.8	16
28	Modeling virtual abrasive grain based on random ellipsoid tangent plane. International Journal of Advanced Manufacturing Technology, 2021, 113, 2049-2064.	3.0	3
29	In-situ NbC reinforced Fe-based coating by laser cladding: Simulation and experiment. Surface and Coatings Technology, 2021, 412, 127027.	4.8	55
30	Effects of CeO2 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
31	Laser fabricated nickel-based coating with different overlap modes. Materials and Manufacturing Processes, 2021, 36, 1618-1630.	4.7	3
32	Study on a Chiral Structure with Tunable Poisson's Ratio. Materials, 2021, 14, 3338.	2.9	3
33	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
34	Modeling and simulation of 3D geometry prediction and dynamic solidification behavior of Fe-based coatings by laser cladding. Optics and Laser Technology, 2021, 139, 107009.	4.6	43
35	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
36	Research of Pneumatic Polishing Force Control System Based on High Speed On/off with PWM Controlling. Robotics and Computer-Integrated Manufacturing, 2021, 70, 102133.	9.9	27

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37	Fabrication of high hardness microarray diamond tools by femtosecond laser ablation. Optics and Laser Technology, 2021, 140, 107014.	4.6	29
38	Grinding performance oriented experimental evaluation on TiC-Steel cermet with vitrified bond cBN wheel. Ceramics International, 2021, 47, 34949-34958.	4.8	3
39	Repair of spline shaft by laser-cladding coarse TiC reinforced Ni-based coating: Process, microstructure and properties. Ceramics International, 2021, 47, 30113-30128.	4.8	40
40	Experimental investigation and numerical analysis for machinability of alumina ceramic by laser-assisted grinding. Precision Engineering, 2021, 72, 798-806.	3.4	17
41	Evolution and convection mechanism of the melt pool formed by V-groove laser cladding. Optics and Laser Technology, 2021, 144, 107443.	4.6	8
42	Study on machining BK7 optical glass by ultrasonic vibration-assisted polishing considering the micro-contact state of the abrasive particles with the workpiece. Journal of Manufacturing Processes, 2021, 72, 469-482.	5.9	10
43	Design of Optical Free-Form Surface Milling Machine Based on Mechanical Shunt and Dynamic Analysis. Applied Sciences (Switzerland), 2021, 11, 11764.	2.5	0
44	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
45	Experimental evaluation of an eco-friendly grinding process combining minimum quantity lubrication and graphene-enhanced plant-oil-based cutting fluid. Journal of Cleaner Production, 2020, 244, 118747.	9.3	54
46	The relationship between convection mechanism and solidification structure of the iron-based molten pool in metal laser direct deposition. International Journal of Mechanical Sciences, 2020, 165, 105207.	6.7	52
47	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
48	Effects of laser-assisted grinding on surface integrity of zirconia ceramic. Ceramics International, 2020, 46, 921-929.	4.8	49
49	Surface generation modeling of micro milling process with stochastic tool wear. Precision Engineering, 2020, 61, 170-181.	3.4	43
50	Microstructure and properties of laser clad B4C/TiC/Ni-based composite coating. International Journal of Refractory Metals and Hard Materials, 2020, 86, 105112.	3.8	52
51	A numerical method to predict work-hardening caused by plastic deformation. Engineering Analysis With Boundary Elements, 2020, 112, 25-38.	3.7	1
52	Effect of laser cladding on forming microhardness and tensile strength of YCF101 alloy powder in the different full lap joint modes. Journal of Alloys and Compounds, 2020, 820, 150230.	5.5	11
53	Assessment and optimization of grinding process on AISI 1045 steel in terms of green manufacturing using orthogonal experimental design and grey relational analysis. Journal of Cleaner Production, 2020, 253, 119896.	9.3	41
54	An analytical approach on stochastic model for cutting force prediction in milling ceramic matrix composites. International Journal of Mechanical Sciences, 2020, 168, 105314.	6.7	36

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55	Effect of cobalt on properties of vitrified bond and vitrified cubic boron nitride composites. <i>Ceramics International</i> , 2020, 46, 5337-5343.	4.8	5
56	Study on textured CBN grinding wheel by laser cladding. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 865-876.	3.0	8
57	Effect of process parameters on the cladding track geometry fabricated by laser cladding. <i>Optik</i> , 2020, 223, 165447.	2.9	29
58	Microstructure and wear resistance behavior of Ti-6Al-4V/B4C-reinforced composite coating. <i>Ceramics International</i> , 2020, 46, 25136-25148.	4.8	35
59	Process parameters optimization of single-track laser cladding for 45 steel gear remanufacturing. <i>Journal of Physics: Conference Series</i> , 2020, 1549, 032144.	0.4	0
60	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
61	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
62	Interactive optimization of process parameters and coating analysis of laser cladding JG-3 powder. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 2623-2633.	3.0	7
63	Effect of laser power on molten pool evolution and convection. <i>Numerical Heat Transfer; Part A: Applications</i> , 2020, 78, 48-59.	2.1	14
64	Simulation of 3D grinding temperature field by using an improved finite difference method. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 108, 3871-3884.	3.0	4
65	The synergistic effect of nano Y2O3/CeO2 and nano Al2O3/SiO2 on the properties of vitrified bond and vitrified bond CBN composites. <i>Ceramics International</i> , 2020, 46, 14224-14231.	4.8	6
66	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
67	Mechanical property of YCF101 coating under different overlap modes by laser cladding. <i>Optik</i> , 2020, 212, 164714.	2.9	8
68	Dynamic cutting force prediction for micro end milling considering tool vibrations and run-out. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 2248-2261.	2.1	5
69	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
70	A New Filtering System for Using a Consumer Depth Camera at Close Range. <i>Sensors</i> , 2019, 19, 3460.	3.8	3
71	Simulation Analysis of Knee Ligaments in the Landing Phase of Freestyle Skiing Aerial. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3713.	2.5	5
72	Process optimization for improving topography quality and manufacturing accuracy of thin-walled cylinder direct laser fabrication. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 2087-2101.	3.0	5

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73	Grinding temperature field prediction by meshless finite block method with double infinite element. International Journal of Mechanical Sciences, 2019, 153-154, 131-142.	6.7	32
74	Kinematic simulation of surface grinding process with random cBN grain model. International Journal of Advanced Manufacturing Technology, 2019, 100, 2725-2739.	3.0	14
75	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
76	Geometry and dilution rate analysis and prediction of laser cladding. International Journal of Advanced Manufacturing Technology, 2019, 103, 4695-4702.	3.0	49
77	Numerical model of transient convection pattern and forming mechanism of molten pool in laser cladding. Numerical Heat Transfer; Part A: Applications, 2019, 75, 855-873.	2.1	20
78	Effects of the ultrasonic vibration field on polishing process of nickel-based alloy Inconel718. Journal of Materials Processing Technology, 2019, 273, 116228.	6.3	32
79	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
80	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
81	Analytical model of dynamic and overlapped footprints in abrasive air jet polishing of optical glass. International Journal of Machine Tools and Manufacture, 2019, 141, 59-77.	13.4	30
82	Experimental and simulation studies of abrasive particles impacting monocrystalline silicon in suspension thin film flow field of ultrasonic polishing. International Journal of Advanced Manufacturing Technology, 2019, 103, 819-840.	3.0	12
83	Mechanical properties of porous structure 3D printed with Vero White photosensitive resin. Rapid Prototyping Journal, 2019, 26, 539-548.	3.2	6
84	Effect of shielding gas flow rate on cladding quality of direct laser fabrication AISI 316L stainless steel. Journal of Manufacturing Processes, 2019, 48, 51-65.	5.9	17
85	Research on surface integrity in graphene nanofluid MQL milling of TC21 alloy. International Journal of Abrasive Technology, 2019, 9, 49.	0.2	8
86	Prediction of 3D grinding temperature field based on meshless method considering infinite element. International Journal of Advanced Manufacturing Technology, 2019, 100, 3067-3084.	3.0	9
87	Parameter optimization during minimum quantity lubrication milling of TC4 alloy with graphene-dispersed vegetable-oil-based cutting fluid. Journal of Cleaner Production, 2019, 209, 1508-1522.	9.3	79
88	On the predictive modelling of machined surface topography in abrasive air jet polishing of quartz glass. International Journal of Mechanical Sciences, 2019, 152, 1-18.	6.7	41
89	Improved analytical prediction of burr formation in micro end milling. International Journal of Mechanical Sciences, 2019, 151, 461-470.	6.7	32
90	Study on optimization of ultrasonic-vibration-assisted polishing process parameters. Measurement: Journal of the International Measurement Confederation, 2019, 135, 651-660.	5.0	17

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91	CFD simulation and experimental studies of suspension flow field in ultrasonic polishing. Journal of Materials Processing Technology, 2019, 266, 715-725.	6.3	9
92	Study on the grindability of nano-vitrified bond CBN grinding wheel for nickel-based alloy. International Journal of Advanced Manufacturing Technology, 2019, 100, 1913-1921.	3.0	10
93	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
94	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
95	The Investigation of the Morphology and Failure Types of Pre-placed CBN on Cu-Ni-Sn-Ti Bonded to Steel by Laser Process. Journal of Coastal Research, 2019, 83, 486.	0.3	0
96	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
97	Effects of Ni addition on properties of vitrified bond CBN composites in strong magnetic field. Ceramics International, 2018, 44, 9312-9317.	4.8	9
98	Material removal mechanism of two-dimensional ultrasonic vibration assisted polishing Inconel718 nickel-based alloy. International Journal of Advanced Manufacturing Technology, 2018, 96, 657-667.	3.0	26
99	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
100	Prediction of cutting forces and instantaneous tool deflection in micro end milling by considering tool run-out. International Journal of Mechanical Sciences, 2018, 136, 124-133.	6.7	58
101	Effects of sintering in a high magnetic field on properties of vitrified bond and vitrified CBN composites. Ceramics International, 2018, 44, 22301-22307.	4.8	9
102	Microstructure and wear resistance of in-situ synthesized Ti(C, N) ceramic reinforced Fe-based coating by laser cladding. Ceramics International, 2018, 44, 22538-22548.	4.8	67
103	Influences of z-axis increment and analyses of defects of AISI 316L stainless steel hollow thin-walled cylinder. International Journal of Advanced Manufacturing Technology, 2018, 97, 2203-2220.	3.0	18
104	Process parameters optimization and mechanical properties of forming parts by direct laser fabrication of YCF101 alloy. Journal of Materials Processing Technology, 2018, 262, 75-84.	6.3	33
105	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
106	Experimental research and multi-response multi-parameter optimization of laser cladding Fe313. Optics and Laser Technology, 2018, 108, 321-332.	4.6	75
107	MQL milling of TC4 alloy by dispersing graphene into vegetable oil-based cutting fluid. International Journal of Advanced Manufacturing Technology, 2018, 99, 1735-1753.	3.0	42
108	Calculation and verification of Start/Stop optimum overlapping rate on metal DLF technology. International Journal of Advanced Manufacturing Technology, 2018, 99, 437-452.	3.0	8

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109	The study of ultrasonic vibration assisted polishing optical glass lens with ultrasonic atomizing liquid. Journal of Manufacturing Processes, 2018, 34, 389-400.	5.9	17
110	Mechanical Property and Microstructure of the Vitrified-Bonded Ti-Coated CBN Composites. International Journal of Automation Technology, 2018, 12, 862-867.	1.0	0
111	Analytical modeling of ground surface topography in monocrystalline silicon grinding considering the ductile-regime effect. Archives of Civil and Mechanical Engineering, 2017, 17, 880-893.	3.8	48
112	Analytical modeling of grinding-induced subsurface damage in monocrystalline silicon. Materials and Design, 2017, 130, 250-262.	7.0	89
113	Detailed modeling of cutting forces in grinding process considering variable stages of grain-workpiece micro interactions. International Journal of Mechanical Sciences, 2017, 126, 319-339.	6.7	114
114	Instantaneous uncut chip thickness modeling for micro-end milling process. Machining Science and Technology, 2017, 21, 582-602.	2.5	7
115	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
116	Study of 3D grinding temperature field based on finite difference method: considering machining parameters and energy partition. International Journal of Advanced Manufacturing Technology, 2016, 84, 915.	3.0	23
117	Cutting forces in micro-end-milling processes. International Journal of Machine Tools and Manufacture, 2016, 107, 21-40.	13.4	133
118	Three-dimensional process stability prediction of thin-walled workpiece in milling operation. Machining Science and Technology, 2016, 20, 406-424.	2.5	12
119	Kinematics modeling and simulating of grinding surface topography considering machining parameters and vibration characteristics. International Journal of Advanced Manufacturing Technology, 2016, 87, 2459-2470.	3.0	28
120	Evaluation of grinding-induced subsurface damage in optical glass BK7. Journal of Materials Processing Technology, 2016, 229, 785-794.	6.3	97
121	Experimental investigation on grinding characteristics of optical glass BK7: with special emphasis on the effects of machining parameters. International Journal of Advanced Manufacturing Technology, 2016, 82, 1405-1419.	3.0	38
122	Analysis of loads on grinding wheel binder in grinding process: insights from discontinuum-hypothesis-based grinding simulation. International Journal of Advanced Manufacturing Technology, 2015, 78, 1943-1960.	3.0	28
123	Modeling and simulation of grinding wheel by discrete element method and experimental validation. International Journal of Advanced Manufacturing Technology, 2015, 81, 1921-1938.	3.0	24
124	Modeling, simulation, and optimization of five-axis milling processes. International Journal of Advanced Manufacturing Technology, 2014, 74, 1611-1624.	3.0	17
125	Simulation Analysis of Kinematics and Dynamics of 3-TPS Hybrid Robot. Advanced Materials Research, 2014, 983, 379-382.	0.3	1
126	Researches on Virtual Machining Simulation of Flexible Manufacturing Cell Based on KUKA Robot. Key Engineering Materials, 2014, 621, 499-504.	0.4	2

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127	A web-based virtual system for turn-milling center. International Journal of Advanced Manufacturing Technology, 2013, 67, 2395-2409.	3.0	5
128	Research and Application of NC Machine Tool Energy Consumption Control Optimization. Key Engineering Materials, 2013, 579-580, 314-319.	0.4	1
129	Analysis of TBM Monitoring Data Based on Grey Theory and Neural Network. Advances in Intelligent Systems and Computing, 2013, , 1071-1080.	0.6	3
130	Study and Development of the Document Management System Oriented Collaborative Design. Advanced Materials Research, 2012, 433-440, 2047-2052.	0.3	1
131	Dynamic Characteristics Analysis of Two-Phase Flow Diaphragm Pump Based on MATLAB and ADAMS. Key Engineering Materials, 2012, 522, 495-502.	0.4	1
132	Virtual Manufacturing for Machining Process Monitoring. Advanced Materials Research, 2012, 482-484, 2243-2246.	0.3	0
133	Kinematics and Dynamics Simulation of Key Components of Wind Turbine. Advanced Materials Research, 2012, 476-478, 1790-1793.	0.3	0
134	Designing and Finite Element Analysis of customized titanium plate for Mandible. , 2012, , .		0
135	Research on fault diagnosis of TBM main bearing based on improved BP neural network. , 2012, , .		1
136	Study on the Simulation of Grinding Burn. Advanced Materials Research, 2012, 565, 58-63.	0.3	0
137	Modal Analysis of Spindle System on Ultra-high Speed Grinder. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2012, 48, 183.	0.5	8
138	Advances in Simulation of Grinding Process. Applied Mechanics and Materials, 2011, 121-126, 1879-1885.	0.2	2
139	Research on Recycling of Numerical Control Machine Tools. , 2011, , .		0
140	Dynamics Simulation of Automatic Capsule Filling Machine with ADAMS. Advanced Materials Research, 2011, 403-408, 5126-5130.	0.3	0
141	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
142	Networked Technical Services Oriented Production Process. , 2011, , .		0
143	Research on Function Simulation of Web-Based Virtual Grinding Machine Tool. Key Engineering Materials, 2011, 487, 495-499.	0.4	0
144	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

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145	The Application of Multi-scale Modeling Technology in Artificial Bone Graft. Lecture Notes in Electrical Engineering, 2011, , 699-705.	0.4	0
146	Virtual CNC Cylindrical Grinding Machine Tool Based on Web. Advanced Science Letters, 2011, 4, 2839-2844.	0.2	0
147	Research on Web-Based Virtual Grinding Machine Tool. Advanced Materials Research, 2010, 118-120, 825-829.	0.3	0
148	Study on Supplier Selecting System Oriented Networked Manufacturing. Applied Mechanics and Materials, 2010, 44-47, 960-964.	0.2	0
149	Study on the Ultrahigh Speed Grinding of Superhard Materials with Squeeze Film Damping Technology. Materials Science Forum, 2010, 638-642, 2369-2374.	0.3	0
150	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
151	A Simulation System for Grinding Based on Virtual Reality. Advanced Materials Research, 2010, 126-128, 96-100.	0.3	1
152	Kinematics Simulation Analysis of Turn-Milling Center Based on Virtual Prototype. Applied Mechanics and Materials, 2010, 43, 683-686.	0.2	0
153	Research on Flatness Error Measurement of Revolving Body End-Face. Applied Mechanics and Materials, 2010, 44-47, 4002-4006.	0.2	2
154	Study on collaborative technical service oriented product lifecycle. , 2010, , .		0
155	Research on key technology of machining simulation based on Web. , 2010, , .		0
156	Milling Feature Recognition and Construction for Structural Parts Based on STEP. , 2010, , .		0
157	Application of GC-TOPSIS Method in the Process of Supplier Evaluation. , 2009, , .		3
158	Development and Research of Simulation System of Vitrified Bond CBN Grinding Wheel Based on Virtual Reality Technology. , 2009, , .		3
159	Research on Technical Service System in New Product Development. , 2009, , .		0
160	Research of three-dimensional parametric design system based on personalization and customization. , 2009, , .		0
161	Study on the Dynamic Characteristics of Ultrahigh Speed Grinding Spindle Based on Squeeze Film Damping Technology. Key Engineering Materials, 2009, 416, 123-126.	0.4	0
162	Analysis of dynamic performance simulation for turn-milling centre. International Journal of Modelling, Identification and Control, 2009, 7, 33.	0.2	1

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163	Remote Fault Diagnosis System of Ultrahigh Speed Grinding Based on Multi-Agent. Advanced Materials Research, 2009, 76-78, 67-71.	0.3	0
164	System of Networked Technical Service Oriented Product Lifecycle. Applied Mechanics and Materials, 2009, 16-19, 607-611.	0.2	0
165	Modeling of Virtual Grinding Wheel and its Grinding Simulation. Key Engineering Materials, 2009, 416, 216-222.	0.4	4
166	Decision Support System of Product Development Based on Multi-agent. , 2009, , .		4
167	Study on project management system oriented collaborative design. , 2009, , .		1
168	A networked integrated manufacturing system oriented product lifecycle based on multi-agent. , 2009, , .		0
169	Study on collaborative technical service system oriented product lifecycle based on multi-agent. , 2009, , .		2
170	Web-based system for industry using information and communication technologies. Kybernetes, 2009, 38, 533-541.	2.2	2
171	Research on Web-Based Multi-Agent System for Aeroengine Fault Diagnosis. , 2008, , .		1
172	Study on partner selection of the agile supply chain based on fuzzy analytic hierarchy process. , 2008, , .		1
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 on prognostic health management (PHM) model for fighter planes based on flight data. , 2008, , .		5
176	Research of networked technical service oriented production process based on multi-agent. , 2008, , .		0
177	Dynamic scheduling of flexible job shop based on genetic algorithm. , 2008, , .		1
178	Application of BP neural network for decision supported system oriented cooperative design. , 2008, , .		0
179	Study on Networked Technical Service System Oriented Product Lifecycle. , 2008, , .		0
180	An Intelligent Decision Support System Based on MAS for Product Development. , 2008, , .		0

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181	Study on Project Experts' Evaluation Based on Analytic Hierarchy Process and Fuzzy Comprehensive Evaluation. , 2008, , .		11
182	Neural Network Model Based Job Scheduling and Its Implementation in Networked Manufacturing. , 2008, , .		0
183	Commerce search engine evaluation based on fuzzy analytical hierarchy process. , 2008, , .		0
184	Research of networked technical service oriented production process based on CSCW. , 2008, , .		0
185	Product Quality Design Based on CSCW under Networked Manufacturing. , 2008, , .		1
186	Intelligentized networked manufacturing technique and process modeling. , 2008, , .		0
187	System of CRM Performance Evaluation Based on Fuzzy Comprehensive Algorithm. , 2008, , .		4
188	Optimal Scheduling of Resources Based on Fuzzy Set and Genetic Algorithm. , 2008, , .		1
189	A Study on Key Technique of Product Configuration System Based on Improved Ant Colony Algorithm. , 2008, , .		0
190	Research on Body Movement Interacting Model in Virtual Environment. , 2008, , .		0
191	Research on CRM Performance Evaluation Based on Fuzzy Comprehensive Algorithm. , 2008, , .		1
192	Research on Green Technical Services System Oriented Product Lifecycle. , 2007, , .		0
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