

Wing Bun Lee

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247
papers

5,087
citations

38
h-index

59
g-index

265
ext. papers

5,722
ext. citations

4.1
avg, IF

5.65
L-index

#	Paper	IF	Citations
247	Design of a RFID case-based resource management system for warehouse operations. <i>Expert Systems With Applications</i> , 2006 , 30, 561-576	7.8	223
246	Structure of graphene and its disorders: a review. <i>Science and Technology of Advanced Materials</i> , 2018 , 19, 613-648	7.1	196
245	An intelligent supplier management tool for benchmarking suppliers in outsource manufacturing. <i>Expert Systems With Applications</i> , 2002 , 22, 213-224	7.8	117
244	A dynamic surface topography model for the prediction of nano-surface generation in ultra-precision machining. <i>International Journal of Mechanical Sciences</i> , 2001 , 43, 961-991	5.5	116
243	A theoretical and experimental investigation of surface roughness formation in ultra-precision diamond turning. <i>International Journal of Machine Tools and Manufacture</i> , 2000 , 40, 979-1002	9.4	115
242	Design of a case based intelligent supplier relationship management system the integration of supplier rating system and product coding system. <i>Expert Systems With Applications</i> , 2003 , 25, 87-100	7.8	113
241	Effects of dynamic electropulsing on microstructure and elongation of a ZnAl alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 501, 125-132	5.3	110
240	Design of an intelligent supplier relationship management system: a hybrid case based neural network approach. <i>Expert Systems With Applications</i> , 2003 , 24, 225-237	7.8	109
239	A knowledge-based supplier intelligence retrieval system for outsource manufacturing. <i>Knowledge-Based Systems</i> , 2005 , 18, 1-17	7.3	107
238	A theoretical and experimental investigation of the tool-tip vibration and its influence upon surface generation in single-point diamond turning. <i>International Journal of Machine Tools and Manufacture</i> , 2010 , 50, 241-252	9.4	90
237	A multi-spectrum analysis of surface roughness formation in ultra-precision machining. <i>Precision Engineering</i> , 2000 , 24, 77-87	2.9	85
236	A dynamic logistics process knowledge-based system An RFID multi-agent approach. <i>Knowledge-Based Systems</i> , 2007 , 20, 357-372	7.3	76
235	Study of Factors Affecting the Surface Quality in Ultra-Precision Diamond Turning. <i>Materials and Manufacturing Processes</i> , 2000 , 15, 481-502	4.1	72
234	Critical elements and lessons learnt from the implementation of an RFID-enabled healthcare management system in a medical organization. <i>Journal of Medical Systems</i> , 2011 , 35, 657-69	5.1	66
233	A study of materials swelling and recovery in single-point diamond turning of ductile materials. <i>Journal of Materials Processing Technology</i> , 2006 , 180, 210-215	5.3	66
232	An investigation of residual form error compensation in the ultra-precision machining of aspheric surfaces. <i>Journal of Materials Processing Technology</i> , 2000 , 99, 129-134	5.3	66
231	Development of a case based intelligent customer-supplier relationship management system. <i>Expert Systems With Applications</i> , 2002 , 23, 281-297	7.8	65

230	Design of a knowledge-based logistics strategy system. <i>Expert Systems With Applications</i> , 2005 , 29, 272-290	7.9	62
229	Simulation of micro-indentation hardness of FCC single crystals by mechanism-based strain gradient crystal plasticity. <i>International Journal of Plasticity</i> , 2010 , 26, 1527-1540	7.6	61
228	Effect of reinforcement in ultra-precision machining of Al6061/SiC metal matrix composites. <i>Scripta Materialia</i> , 2002 , 47, 77-82	5.6	61
227	Effect of crystallographic orientation in diamond turning of copper single crystals. <i>Scripta Materialia</i> , 2000 , 42, 937-945	5.6	61
226	A theoretical and experimental investigation of surface generation in diamond turning of an Al6061/SiCp metal matrix composite. <i>International Journal of Mechanical Sciences</i> , 2001 , 43, 2047-2068	5.5	59
225	Modelling and simulation of surface topography in ultra-precision diamond turning. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2000 , 214, 463-480	2.4	59
224	A kinematics and experimental analysis of form error compensation in ultra-precision machining. <i>International Journal of Machine Tools and Manufacture</i> , 2008 , 48, 1408-1419	9.4	58
223	Integration of web-based and RFID technology in visualizing logistics operations – a case study. <i>Supply Chain Management</i> , 2007 , 12, 221-234	10	57
222	A multi-perspective knowledge-based system for customer service management. <i>Expert Systems With Applications</i> , 2003 , 24, 457-470	7.8	52
221	A web-based collaborative product design platform for dispersed network manufacturing. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 600-604	5.3	52
220	A generic supplier management tool for outsourcing manufacturing. <i>Supply Chain Management</i> , 2003 , 8, 140-154	10	51
219	Enhancement of surface finish using water-miscible nano-cutting fluid in ultra-precision turning. <i>International Journal of Machine Tools and Manufacture</i> , 2013 , 73, 62-70	9.4	50
218	A methodology for building a semantically annotated multi-faceted ontology for product family modelling. <i>Advanced Engineering Informatics</i> , 2011 , 25, 147-161	7.4	50
217	Theoretical and experimental analysis of nano-surface generation in ultra-precision raster milling. <i>International Journal of Machine Tools and Manufacture</i> , 2008 , 48, 1090-1102	9.4	50
216	Mesoplasticity and its Applications 1993 ,		46
215	Optical design of a freeform TIR lens for LED streetlight. <i>Optik</i> , 2010 , 121, 1761-1765	2.5	44
214	Materials induced vibration in ultra-precision machining. <i>Journal of Materials Processing Technology</i> , 1999 , 89-90, 318-325	5.3	43
213	A Microplasticity Analysis of Micro-Cutting Force Variation in Ultra-Precision Diamond Turning. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2002 , 124, 170-177	3.3	41

212	Applications of virtual manufacturing in materials processing. <i>Journal of Materials Processing Technology</i> , 2001 , 113, 416-423	5.3	40
211	Finite-element analysis of diamond turning of aluminium matrix composites. <i>Composites Science and Technology</i> , 2001 , 61, 1449-1456	8.6	39
210	Design of an intelligent supplier relationship management system for new product development. <i>International Journal of Computer Integrated Manufacturing</i> , 2004 , 17, 692-715	4.3	38
209	An investigation into surface generation in ultra-precision raster milling. <i>Journal of Materials Processing Technology</i> , 2009 , 209, 4178-4185	5.3	37
208	Laser induced reaction synthesis of TiC+WC reinforced metal matrix composites coatings on Al 6061. <i>Surface and Coatings Technology</i> , 2004 , 185, 74-80	4.4	37
207	A genetic algorithm of determining cycle time for printed circuit board assembly lines. <i>European Journal of Operational Research</i> , 2001 , 128, 175-184	5.6	37
206	Learning the Why? Discovering design rationale using text mining [An algorithm perspective. <i>CAD Computer Aided Design</i> , 2012 , 44, 916-930	2.9	33
205	Modeling and simulation of supply network evolution based on complex adaptive system and fitness landscape. <i>Computers and Industrial Engineering</i> , 2009 , 56, 839-853	6.4	33
204	Modelling and simulation of freeform surface generation in ultra-precision raster milling. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2006 , 220, 1787-1801	2.4	33
203	Anisotropy of surface roughness in diamond turning of brittle single crystals. <i>Materials and Manufacturing Processes</i> , 2002 , 17, 251-267	4.1	33
202	Analysis of surface generation in the ultraprecision polishing of freeform surfaces. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2010 , 224, 59-73	2.4	32
201	An integrated form characterization method for measuring ultra-precision freeform surfaces. <i>International Journal of Machine Tools and Manufacture</i> , 2007 , 47, 81-91	9.4	32
200	Knowledge-based extraction of intellectual capital-related information from unstructured data. <i>Expert Systems With Applications</i> , 2014 , 41, 1315-1325	7.8	31
199	Effect of material anisotropy on shear angle prediction in metal cutting—a mesoplasticity approach. <i>International Journal of Mechanical Sciences</i> , 2003 , 45, 1739-1749	5.5	31
198	Tensile deformation and phase transformation of furnace-cooled Zn-Al based alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000 , 293, 95-101	5.3	31
197	Finite element modelling of shear angle and cutting force variation induced by material anisotropy in ultra-precision diamond turning. <i>International Journal of Machine Tools and Manufacture</i> , 2013 , 75, 82-86	9.4	30
196	Multi-facet product information search and retrieval using semantically annotated product family ontology. <i>Information Processing and Management</i> , 2010 , 46, 479-493	6.3	30
195	Dynamic modelling of shear band formation and tool-tip vibration in ultra-precision diamond turning. <i>International Journal of Machine Tools and Manufacture</i> , 2011 , 51, 512-519	9.4	29

194	A hybrid knowledge-based approach to supporting the medical prescription for general practitioners: Real case in a Hong Kong medical center. <i>Knowledge-Based Systems</i> , 2011 , 24, 444-456	7.3	29
193	VMMC: a test-bed for machining. <i>Computers in Industry</i> , 2002 , 47, 255-268	11.6	29
192	A security model for distributed product data management system. <i>Computers in Industry</i> , 2003 , 50, 179-193	11.6	29
191	An investigation of tool wear in the dam-bar cutting of integrated circuit packages. <i>Wear</i> , 2000 , 237, 274-282	3.5	29
190	Birefringence techniques for the characterization of residual stresses in injection-moulded micro-lens arrays. <i>Polymer Testing</i> , 2009 , 28, 709-714	4.5	28
189	Elastic strain induced shear bands in the microcutting process. <i>International Journal of Machine Tools and Manufacture</i> , 2010 , 50, 9-18	9.4	27
188	Design and development of a mobile EPC-RFID-based self-validation system (MESS) for product authentication. <i>Computers in Industry</i> , 2010 , 61, 624-635	11.6	27
187	Knowledge-based treatment planning for adolescent early intervention of mental healthcare: a hybrid case-based reasoning approach. <i>Expert Systems</i> , 2007 , 24, 232-251	2.1	26
186	Orientation changes of aluminium single crystals in ultra-precision diamond turning. <i>Journal of Materials Processing Technology</i> , 2003 , 140, 346-351	5.3	26
185	A study of system dynamics in just-in-time logistics. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 265-269	5.3	25
184	A study of the cutting-induced heating effect on the machined surface in ultra-precision raster milling of 6061 Al alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 51, 69-78	3.2	24
183	A study of regularly spaced shear bands and morphology of serrated chip formation in microcutting process. <i>Scripta Materialia</i> , 2010 , 63, 227-230	5.6	24
182	Mining knowledge from natural language texts using fuzzy associated concept mapping. <i>Information Processing and Management</i> , 2008 , 44, 1707-1719	6.3	23
181	Effects of current density on electropulsing-induced phase transformations in a Zn-Al based alloy. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 96, 939-944	2.6	22
180	Development of a case based intelligent supplier relationship management system linking supplier rating system and product coding system. <i>Supply Chain Management</i> , 2004 , 9, 86-101	10	22
179	Ageing characteristics of cast Zn-Al based alloy (ZnAl7Cu3). <i>Journal of Materials Science</i> , 2003 , 38, 1945-1952	11.5	22
178	An unstructured information management system (UIMS) for emergency management. <i>Expert Systems With Applications</i> , 2012 , 39, 12743-12758	7.8	21
177	Effects of Dynamic Electropulsing on Phase Transformation of a Zn-Al Based Alloy. <i>Materials Transactions</i> , 2009 , 50, 1105-1112	1.3	21

176	An agent-oriented and knowledge-based system for strategic e-procurement. <i>Expert Systems</i> , 2004 , 21, 11-21	2.1	21
175	Ageing characteristics of furnace cooled eutectoid Zn-Al based alloy. <i>Journal of Materials Science</i> , 2003 , 38, 2925-2934	4.3	21
174	An exact solution for the elastic/plastic bending of anisotropic sheet metal under conditions of plane strain. <i>International Journal of Mechanical Sciences</i> , 2001 , 43, 1871-1880	5.5	21
173	Product Family Design Through Ontology-Based Faceted Component Analysis, Selection, and Optimization. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2013 , 135,	3	20
172	Analysis of surface generation in ultra-precision machining with a fast tool servo. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2010 , 224, 1351-1367	2.4	20
171	An ontology-based similarity measurement for problem-based case reasoning. <i>Expert Systems With Applications</i> , 2009 , 36, 6574-6579	7.8	20
170	Numerical simulation of residual stress and birefringence in the precision injection molding of plastic microlens arrays. <i>International Communications in Heat and Mass Transfer</i> , 2009 , 36, 213-219	5.8	20
169	A New Design Rationale Representation Model for Rationale Mining. <i>Journal of Computing and Information Science in Engineering</i> , 2010 , 10,	2.4	20
168	RACER: Rule-Associated Case-based Reasoning for supporting General Practitioners in prescription making. <i>Expert Systems With Applications</i> , 2010 , 37, 8079-8089	7.8	20
167	Computer simulation of single-point diamond turning using finite element method. <i>Journal of Materials Processing Technology</i> , 2005 , 167, 549-554	5.3	20
166	Characterization of surface generation of optical microstructures using a pattern and feature parametric analysis method. <i>Precision Engineering</i> , 2010 , 34, 755-766	2.9	19
165	Measuring ultra-precision freeform surfaces using a robust form characterization method. <i>Measurement Science and Technology</i> , 2006 , 17, 488-494	2	19
164	A dislocation-based model of forming limit prediction in the biaxial stretching of sheet metals. <i>International Journal of Mechanical Sciences</i> , 2006 , 48, 134-144	5.5	19
163	An intelligent supplier relationship management system for selecting and benchmarking suppliers. <i>International Journal of Technology Management</i> , 2003 , 26, 717	1.2	19
162	An NC tool path translator for virtual machining of precision optical products. <i>Journal of Materials Processing Technology</i> , 2003 , 140, 211-216	5.3	19
161	Detection of interference elements and release directions in die-cast and injection-moulded components. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2000 , 214, 431-441	2.4	19
160	Effect of cutting parameters on heat generation in ultra-precision milling of aluminum alloy 6061. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 80, 1265-1275	3.2	18
159	A strategic knowledge-based planning system for freight forwarding industry. <i>Expert Systems With Applications</i> , 2007 , 33, 936-954	7.8	18

158	Knowledge management approach in build-to-order supply chains. <i>Industrial Management and Data Systems</i> , 2007 , 107, 882-919	3.6	18
157	Collaborative design in a networked enterprise: the case of the telecommunications industry. <i>International Journal of Production Research</i> , 2004 , 42, 3041-3054	7.8	18
156	An enterprise collaborative management system: a case study of supplier selection in new product development. <i>International Journal of Technology Management</i> , 2004 , 28, 206	1.2	18
155	Molecular Dynamics Simulation for Ultrafine Machining. <i>Materials and Manufacturing Processes</i> , 2006 , 21, 393-397	4.1	17
154	Deformation behaviour of aluminium single crystals in ultraprecision diamond turning. <i>Journal of Materials Processing Technology</i> , 2001 , 113, 296-300	5.3	17
153	The design and fabrication of an alumina reinforced aluminum composite material. <i>Composites Part A: Applied Science and Manufacturing</i> , 2000 , 31, 245-258	8.4	17
152	Knowledge elicitation in reliability management in the airline industry. <i>Journal of Knowledge Management</i> , 2009 , 13, 35-48	7.3	16
151	Self-associated concept mapping for representation, elicitation and inference of knowledge. <i>Knowledge-Based Systems</i> , 2008 , 21, 52-61	7.3	16
150	Measuring optical freeform surfaces using a coupled reference data method. <i>Measurement Science and Technology</i> , 2007 , 18, 2252-2260	2	16
149	Prediction of the Effect of Tool Interference on Surface Generation in Single-Point Diamond Turning. <i>International Journal of Advanced Manufacturing Technology</i> , 2002 , 19, 245-252	3.2	16
148	Laser bending of thin stainless steel sheets. <i>Journal of Laser Applications</i> , 2000 , 12, 34-40	2.1	16
147	Ultra-precision raster milling-induced phase decomposition and plastic deformation at the surface of a ZnAl-based alloy. <i>Scripta Materialia</i> , 2010 , 62, 101-104	5.6	15
146	Knowledge-based simulation and analysis of supply chain performance. <i>International Journal of Computer Integrated Manufacturing</i> , 2006 , 19, 14-23	4.3	15
145	Microstructure investigation of a SiC whisker reinforced eutectoid zinc alloy matrix composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 1345-1350	8.4	15
144	Surface characterization in ultra-precision machining of Al/SiC metal matrix composites using data dependent systems analysis. <i>Journal of Materials Processing Technology</i> , 2003 , 140, 141-146	5.3	15
143	Effects of Current Density on Elongation of an Electropulsing Treated Zn-Al Based Alloy. <i>Materials Transactions</i> , 2009 , 50, 2772-2777	1.3	14
142	Influence of initial texture on formability of aluminum sheet metal by crystal plasticity FE simulation. <i>Journal of Materials Processing Technology</i> , 2007 , 192-193, 397-403	5.3	14
141	Qualitative search algorithms for partner selection and task allocation in the formulation of virtual enterprise. <i>International Journal of Computer Integrated Manufacturing</i> , 2007 , 20, 115-126	4.3	14

140	EBSD of Zn-rich phases in ZnAl-based alloys. <i>Materials Characterization</i> , 2001 , 46, 19-23	3.9	14
139	CHARACTERISTICS OF MICROCUTTING FORCE VARIATION IN ULTRAPRECISION DIAMOND TURNING. <i>Materials and Manufacturing Processes</i> , 2001 , 16, 177-193	4.1	14
138	Wear characteristics of diamond tool in ultraprecision raster milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 44, 638-647	3.2	13
137	Friction-induced fluctuation of cutting forces in the diamond turning of aluminium single crystals. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2003 , 217, 615-631	2.4	13
136	Knowledge-based customization of enterprise applications. <i>Expert Systems With Applications</i> , 2003 , 25, 123-132	7.8	13
135	A virtual warehouse system for production logistics. <i>Production Planning and Control</i> , 2005 , 16, 597-607	4.3	13
134	Hot-roll bonding of aluminium matrix composites with different volume fractions of alumina. <i>Journal of Materials Science</i> , 1995 , 30, 843-848	4.3	13
133	A study of the relevant effects on the maximum residual stress in the precision injection moulding of microlens arrays. <i>Journal of Micromechanics and Microengineering</i> , 2010 , 20, 035033	2	12
132	Characterization of freeform optics in automotive lighting systems using an Optical Geometrical Feature Based Method. <i>Optik</i> , 2011 , 122, 358-363	2.5	12
131	A novel robust Gaussian filtering method for the characterization of surface generation in ultra-precision machining. <i>Precision Engineering</i> , 2006 , 30, 421-430	2.9	12
130	Structural evolution in a continuously cast eutectoid ZnAl-based alloy. <i>Materials Characterization</i> , 2002 , 48, 315-322	3.9	12
129	Ultra-precision machining induced surface structural changes of ZnAl alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002 , 325, 497-502	5.3	12
128	Tensile deformation-induced phase transformation in cast ZnAl-based alloy (ZnAl7Cu3). <i>Materials Research Bulletin</i> , 2003 , 38, 1851-1858	5.1	12
127	Use of EBSD to study stress induced microstructural changes in ZnAl based alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003 , 348, 6-14	5.3	12
126	A multi-faceted and automatic knowledge elicitation system (MAKES) for managing unstructured information. <i>Expert Systems With Applications</i> , 2011 , 38, 5245-5258	7.8	11
125	Structural evolution in films of alloy Zn70Al27Cu3 (ZA27). <i>Applied Surface Science</i> , 2005 , 242, 236-244	6.7	11
124	A mesoplasticity analysis of cutting friction in ultra-precision machining. <i>Journal of Materials Processing Technology</i> , 2003 , 140, 292-297	5.3	10
123	Measuring ultra-precision freeform surfaces using a hybrid fitting and matching method. <i>Measurement Science and Technology</i> , 2009 , 20, 105103	2	9

122	Faceted search and retrieval based on semantically annotated product family ontology 2009 ,		9
121	CASESIAN: A knowledge-based system using statistical and experiential perspectives for improving the knowledge sharing in the medical prescription process. <i>Expert Systems With Applications</i> , 2010 , 37, 5336-5346	7.8	9
120	Effects of cutting depth on the surface microstructure of a ZnAl alloy during ultra-precision machining. <i>Applied Surface Science</i> , 2008 , 254, 1559-1564	6.7	9
119	A Study of Factors Affecting Surface Quality in Ultra-Precision Raster Milling. <i>Key Engineering Materials</i> , 2007 , 339, 400-406	0.4	9
118	Product data allocation for distributed product data management system. <i>Computers in Industry</i> , 2002 , 47, 289-298	11.6	9
117	Modeling of air back pressure in die-casting dies. <i>Journal of Materials Processing Technology</i> , 1999 , 91, 264-269	5.3	9
116	Experiences sharing of implementing Template-based Electronic Medical Record System (TEMRS) in a Hong Kong medical organization. <i>Journal of Medical Systems</i> , 2011 , 35, 1605-15	5.1	8
115	Study of ultra-precision diamond turning of a microlens array with a fast tool servo system 2006 , 6149, 191		8
114	A power spectrum analysis of effect of rolling texture on cutting forces in single-point diamond turning. <i>Journal of Materials Processing Technology</i> , 2006 , 180, 305-309	5.3	8
113	Workpiece representation for virtual turning. <i>International Journal of Advanced Manufacturing Technology</i> , 2005 , 25, 857-866	3.2	8
112	A framework of a virtual machining and inspection system for diamond turning of precision optics. <i>Journal of Materials Processing Technology</i> , 2001 , 119, 27-40	5.3	8
111	Modeling of damage behaviors of high impact polystyrene. <i>Engineering Fracture Mechanics</i> , 1996 , 55, 583-591	4.2	8
110	Microstructural changes inside the lamellar structures of alloy ZA27. <i>Materials Characterization</i> , 2006 , 57, 326-332	3.9	7
109	Development of a virtual machining and inspection system for ultra-precision diamond turning. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2007 , 221, 1153-1174	2.4	7
108	Constitutive modeling of aluminum matrix NiTi fiber-reinforced smart composite. <i>Journal of Materials Processing Technology</i> , 2001 , 116, 219-223	5.3	7
107	Deformation and recrystallization in cross-rolled Al-Cu precipitation alloys. <i>Journal of Materials Science</i> , 1994 , 29, 269-275	4.3	7
106	Effect of Local Texture on the Development of M-K Groove in Biaxial Deformation. <i>Textures and Microstructures</i> , 1991 , 14, 1221-1226		7
105	Carbide-bonded graphene-based Joule heating for embossing fine microstructures on optical glass. <i>Applied Surface Science</i> , 2020 , 500, 144004	6.7	7

104	A methodological approach to optimizing RFID deployment. <i>Information Systems Frontiers</i> , 2014 , 16, 923-937	4	6
103	Assessing Knowledge Assets: Knowledge Audit of a Social Service Organization in Hong Kong. <i>Administration in Social Work</i> , 2010 , 34, 361-383		6
102	FINITE ELEMENT MODELLING OF MICRO-CUTTING PROCESSES FROM CRYSTAL PLASTICITY. <i>International Journal of Modern Physics B</i> , 2008 , 22, 5943-5948	1.1	6
101	Microscopic machining mechanism of polishing based on vibrations of liquid. <i>Nanotechnology</i> , 2007 , 18, 105703	3.4	6
100	A Study of Micro V-Groove Fabrication in Ultra-Precision Freeform Machining. <i>Key Engineering Materials</i> , 2007 , 339, 286-290	0.4	6
99	Nanophase decomposition in eutectoid ZnAl based alloy films. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 374, 145-152	5.3	6
98	On nanophase stability in eutectoid ZnAl based alloy films. <i>Applied Surface Science</i> , 2004 , 236, 106-113	6.7	6
97	Microstructure of laser melted ZnAl-based alloy. <i>Journal of Materials Processing Technology</i> , 2003 , 139, 296-301	5.3	6
96	A PARAMETRIC ANALYSIS OF CUTTING FORCES IN SINGLE-POINT DIAMOND TURNING OF Al6061/SiCp METAL MATRIX COMPOSITES (MMCs). <i>Materials and Manufacturing Processes</i> , 2001 , 16, 61-78	4.1	6
95	An analysis of the plane-strain bending of an orthotropic sheet in the elastic/plastic range. <i>Journal of Materials Processing Technology</i> , 2000 , 104, 48-52	5.3	6
94	A study of cutting factors affecting the generation of functional hierarchical rib array structure in ultra-precision raster milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 989-998	3.2	5
93	Al6061 surface roughness and optical reflectance when machined by single point diamond turning at a low feed rate. <i>PLoS ONE</i> , 2018 , 13, e0195083	3.7	5
92	Microstructural characterization of an ultra-precision-machined surface of a ZnAl alloy. <i>Journal of Micromechanics and Microengineering</i> , 2009 , 19, 054005	2	5
91	Dispersed Network Manufacturing: An Emerging Form of Collaboration Networks 2009 , 39-58		5
90	Crystallographic homogenization finite element method and its application on simulation of evolution of plastic deformation induced texture. <i>Acta Mechanica Solida Sinica</i> , 2010 , 23, 36-48	2	5
89	Microstructural Changes at the Ultra-Precision Raster Milled Surface of Zn-Al Based Alloy. <i>Materials Transactions</i> , 2008 , 49, 698-703	1.3	5
88	A Dynamic RFID-Based Mobile Monitoring System in Animal Care Management Over a Wireless Network 2007 ,		5
87	Development of a research tool for the elicitation of consumer response. <i>International Journal of Market Research</i> , 2007 , 49, 613-631	1.7	5

86	On the design of a real-time knowledge-based system for managing logistics operations. <i>Intelligent Systems in Accounting, Finance and Management</i> , 2006 , 14, 3-25	2.5	5
85	A study of microvias produced by laser-assisted seeding mechanism in blind via hole plating of printed circuit board. <i>International Journal of Advanced Manufacturing Technology</i> , 2004 , 24, 474-484	3.2	5
84	Numerical methods to improve the computational efficiency of thermal analysis for the die casting process. <i>Journal of Materials Processing Technology</i> , 2003 , 139, 457-461	5.3	5
83	A dislocation-model of forming limit diagrams of FCC metal sheet with combination of cube and copper orientations. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005 , 402, 149-157	5.3	5
82	Design of a case-based logistics strategy system in an integrated approach. <i>Expert Systems</i> , 2005 , 22, 173-192	2.1	5
81	Effect of Tool Wear on Force and Quality in Dam-Bar Cutting of Integrated Circuit Packages. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2001 , 123, 34-41	2	5
80	Orientation hardening and instability of an AA3003 aluminium alloy sheet under in-plane strain stretching. <i>Scripta Materialia</i> , 2000 , 43, 1-7	5.6	5
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