

List of Publications by Citations

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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.

215
papers

5,508
citations

39
h-index

63
g-index

230
ext. papers

6,541
ext. citations

4
avg, IF

6.22
L-index

#	Paper	IF	Citations
215	Augmented reality applications in design and manufacturing. <i>CIRP Annals - Manufacturing Technology</i> , 2012 , 61, 657-679	4.9	402
214	A comprehensive survey of augmented reality assembly research. <i>Advances in Manufacturing</i> , 2016 , 4, 1-22	2.7	224
213	Augmented reality applications in manufacturing: a survey. <i>International Journal of Production Research</i> , 2008 , 46, 2707-2742	7.8	220
212	Hybrid genetic algorithm and simulated annealing approach for the optimization of process plans for prismatic parts. <i>International Journal of Production Research</i> , 2002 , 40, 1899-1922	7.8	151
211	Methods for in-field user calibration of an inertial measurement unit without external equipment. <i>Measurement Science and Technology</i> , 2008 , 19, 085202	2	129
210	Robot programming using augmented reality: An interactive method for planning collision-free paths. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009 , 25, 689-701	9.2	109
209	CAD model based virtual assembly simulation, planning and training. <i>CIRP Annals - Manufacturing Technology</i> , 2013 , 62, 799-822	4.9	105
208	Augmented reality for assembly guidance using a virtual interactive tool. <i>International Journal of Production Research</i> , 2008 , 46, 1745-1767	7.8	93
207	Augmented reality for collaborative product design and development. <i>Design Studies</i> , 2010 , 31, 118-145	3.6	83
206	Multi-modal augmented-reality assembly guidance based on bare-hand interface. <i>Advanced Engineering Informatics</i> , 2016 , 30, 406-421	7.4	80
205	Feature-based design in a distributed and collaborative environment. <i>CAD Computer Aided Design</i> , 2004 , 36, 775-797	2.9	80
204	Interactive robot trajectory planning and simulation using Augmented Reality. <i>Robotics and Computer-Integrated Manufacturing</i> , 2012 , 28, 227-237	9.2	78
203	Optimization of process plans using a constraint-based tabu search approach. <i>International Journal of Production Research</i> , 2004 , 42, 1955-1985	7.8	70
202	Augmented Reality Aided Assembly Design and Planning. <i>CIRP Annals - Manufacturing Technology</i> , 2007 , 56, 49-52	4.9	65
201	An approach to identify design and manufacturing features from a data exchanged part model. <i>CAD Computer Aided Design</i> , 2003 , 35, 979-993	2.9	64
200	Evaluation of Life Cycle Cost Analysis Methodologies. <i>Corporate Environmental Strategy</i> , 2002 , 9, 30-39		64
199	Towards a griddable distributed manufacturing system with augmented reality interfaces. <i>Robotics and Computer-Integrated Manufacturing</i> , 2016 , 39, 43-55	9.2	62

198	Recognizing manufacturing features from a design-by-feature model. <i>CAD Computer Aided Design</i> , 2002 , 34, 849-868	2.9	60
197	Virtual and Augmented Reality Applications in Manufacturing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 15-26		59
196	Virtual reality simulations and animations in a web-based interactive manufacturing engineering module. <i>Computers and Education</i> , 2004 , 43, 361-382	9.5	59
195	A comprehensive survey of ubiquitous manufacturing research. <i>International Journal of Production Research</i> , 2018 , 56, 604-628	7.8	57
194	Environmental life cycle cost analysis of products. <i>Management of Environmental Quality</i> , 2001 , 12, 260-276		56
193	Stiffness analysis of parallelogram-type parallel manipulators using a strain energy method. <i>Robotics and Computer-Integrated Manufacturing</i> , 2016 , 37, 13-22	9.2	55
192	Augmented assembly technologies based on 3D bare-hand interaction. <i>CIRP Annals - Manufacturing Technology</i> , 2011 , 60, 1-4	4.9	55
191	Augmented reality aided interactive manual assembly design. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 69, 1311-1321	3.2	53
190	An adaptive and upgradable agent-based system for coordinated product development and manufacture. <i>Robotics and Computer-Integrated Manufacturing</i> , 2004 , 20, 79-90	9.2	53
189	A proposed tool to integrate environmental and economical assessments of products. <i>Environmental Impact Assessment Review</i> , 2003 , 23, 51-72	5.3	52
188	Real-virtual components interaction for assembly simulation and planning. <i>Robotics and Computer-Integrated Manufacturing</i> , 2016 , 41, 102-114	9.2	51
187	Augmented reality-assisted robot programming system for industrial applications. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020 , 61, 101820	9.2	51
186	Designing automotive products for remanufacturing from material selection perspective. <i>Journal of Cleaner Production</i> , 2017 , 153, 570-579	10.3	50
185	A State-of-the-Art Review of Augmented Reality in Engineering Analysis and Simulation. <i>Multimodal Technologies and Interaction</i> , 2017 , 1, 17	1.7	50
184	RFID-assisted assembly guidance system in an augmented reality environment. <i>International Journal of Production Research</i> , 2011 , 49, 3919-3938	7.8	49
183	Assembly feature design in an augmented reality environment. <i>Assembly Automation</i> , 2006 , 26, 34-43	2.1	49
182	Vision-Based Hand Interaction in Augmented Reality Environment. <i>International Journal of Human-Computer Interaction</i> , 2011 , 27, 523-544	3.6	48
181	An Internet-Based Virtual CNC Milling System. <i>International Journal of Advanced Manufacturing Technology</i> , 2002 , 20, 20-30	3.2	47

180	Web-based configuration design system for product customization. <i>International Journal of Production Research</i> , 2006 , 44, 351-382	7.8	43
179	Hybrid GA and SA dynamic set-up planning optimization. <i>International Journal of Production Research</i> , 2002 , 40, 4697-4719	7.8	43
178	An improved intelligent water drops algorithm for solving multi-objective job shop scheduling. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 2431-2442	7.2	41
177	A simulation-based genetic algorithm approach for remanufacturing process planning and scheduling. <i>Applied Soft Computing Journal</i> , 2015 , 37, 521-532	7.5	40
176	A novel augmented reality-based interface for robot path planning. <i>International Journal on Interactive Design and Manufacturing</i> , 2014 , 8, 33-42	1.9	39
175	Design for Disassembly for Remanufacturing: Methodology and Technology. <i>Procedia CIRP</i> , 2014 , 15, 407-412	1.8	39
174	An improved Intelligent Water Drops algorithm for achieving optimal job-shop scheduling solutions. <i>International Journal of Production Research</i> , 2012 , 50, 4192-4205	7.8	39
173	Remanufacturing Process Planning. <i>Procedia CIRP</i> , 2014 , 15, 189-194	1.8	37
172	A context-aware augmented reality assisted maintenance system. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 28, 213-225	4.3	36
171	A practical augmented reality-assisted maintenance system framework for adaptive user support. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 59, 115-129	9.2	34
170	Design for assembly and disassembly for remanufacturing. <i>Assembly Automation</i> , 2016 , 36, 12-24	2.1	34
169	Real-time finite element structural analysis in augmented reality. <i>Advances in Engineering Software</i> , 2015 , 87, 43-56	3.6	34
168	A context-aware augmented reality system to assist the maintenance operators. <i>International Journal on Interactive Design and Manufacturing</i> , 2014 , 8, 293-304	1.9	34
167	Product information visualization and augmentation in collaborative design. <i>CAD Computer Aided Design</i> , 2008 , 40, 963-974	2.9	34
166	Novel AR-based interface for human-robot interaction and visualization. <i>Advances in Manufacturing</i> , 2014 , 2, 275-288	2.7	33
165	Fuzzy set theory applied to bend sequencing for sheet metal bending. <i>Journal of Materials Processing Technology</i> , 1997 , 69, 29-36	5.3	33
164	Registration using natural features for augmented reality systems. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2006 , 12, 569-80	4	33
163	Function-based design synthesis approach to design reuse. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2006 , 17, 27-44	3.5	33

162	Approaches and Challenges in Product Disassembly Planning for Sustainability. <i>Procedia CIRP</i> , 2017 , 60, 506-511	1.8	32
161	Robot path planning optimization for welding complex joints. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 90, 3829-3839	3.2	32
160	Assembly planning and evaluation in an augmented reality environment. <i>International Journal of Production Research</i> , 2013 , 51, 7388-7404	7.8	32
159	A mixed reality environment for collaborative product design and development. <i>CIRP Annals - Manufacturing Technology</i> , 2009 , 58, 139-142	4.9	32
158	Haptic and visual augmented reality interface for programming welding robots. <i>Advances in Manufacturing</i> , 2017 , 5, 191-198	2.7	31
157	The Impact of Automotive Product Remanufacturing on Environmental Performance. <i>Procedia CIRP</i> , 2015 , 29, 774-779	1.8	31
156	An enhanced ant colony optimiser for multi-attribute partner selection in virtual enterprises. <i>International Journal of Production Research</i> , 2012 , 50, 2286-2303	7.8	31
155	A hybrid approach for set-up planning. <i>International Journal of Advanced Manufacturing Technology</i> , 1995 , 10, 183-190	3.2	31
154	Application of Fuzzy Set Theory to Setup Planning. <i>CIRP Annals - Manufacturing Technology</i> , 1994 , 43, 137-144	4.9	31
153	Design and development of 3DOF modular micro parallel kinematic manipulator. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 31, 188-200	3.2	30
152	Assessing the environmental impact of materials processing techniques using an analytical hierarchy process method. <i>Journal of Materials Processing Technology</i> , 2001 , 113, 424-431	5.3	30
151	Application of Design for Disassembly from Remanufacturing Perspective. <i>Procedia CIRP</i> , 2015 , 26, 577-582		29
150	A novel AR-based robot programming and path planning methodology. <i>Robotics and Computer-Integrated Manufacturing</i> , 2010 , 26, 240-249	9.2	29
149	A hybrid method for recognizing interacting machining features. <i>International Journal of Production Research</i> , 2003 , 41, 1887-1908	7.8	28
148	Visualization and interaction of finite element analysis in augmented reality. <i>CAD Computer Aided Design</i> , 2017 , 84, 1-14	2.9	27
147	Robot Programming Using Augmented Reality 2009 ,		27
146	AR-guided Product Disassembly for Maintenance and Remanufacturing. <i>Procedia CIRP</i> , 2017 , 61, 299-304	1.8	26
145	GARDE: a gesture-based augmented reality design evaluation system. <i>International Journal on Interactive Design and Manufacturing</i> , 2011 , 5, 85-94	1.9	26

144	GRAONTO: A graph-based approach for automatic construction of domain ontology. <i>Expert Systems With Applications</i> , 2011 , 38, 11958-11975	7.8	26
143	A fuzzy set AHP-based DFM tool for rotational parts. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 223-230	5.3	26
142	A Decision Support Tool for Product Design for Remanufacturing. <i>Procedia CIRP</i> , 2016 , 40, 144-149	1.8	26
141	A novel maintenance system for equipment serviceability improvement. <i>CIRP Annals - Manufacturing Technology</i> , 2013 , 62, 39-42	4.9	25
140	Multi-User NC Machining Simulation over the WWW. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 18, 1-6	3.2	25
139	An Augmented Reality-Assisted Therapeutic Healthcare Exercise System Based on Bare-Hand Interaction. <i>International Journal of Human-Computer Interaction</i> , 2016 , 32, 708-721	3.6	24
138	Automating design with intelligent human-machine integration. <i>CIRP Annals - Manufacturing Technology</i> , 2015 , 64, 655-677	4.9	23
137	Modular Design of Machine Tools to Facilitate Design for Disassembly and Remanufacturing. <i>Procedia CIRP</i> , 2014 , 15, 443-448	1.8	23
136	Enhancing smart shop floor management with ubiquitous augmented reality. <i>International Journal of Production Research</i> , 2020 , 58, 2352-2367	7.8	23
135	Adaptive pass planning and optimization for robotic welding of complex joints. <i>Advances in Manufacturing</i> , 2017 , 5, 93-104	2.7	22
134	Integrated product design and assembly planning in an augmented reality environment. <i>Assembly Automation</i> , 2013 , 33, 345-359	2.1	22
133	Immersive Augmented Reality Environment for the Teleoperation of Maintenance Robots. <i>Procedia CIRP</i> , 2017 , 61, 305-310	1.8	22
132	The virtual interaction panel: an easy control tool in augmented reality systems. <i>Computer Animation and Virtual Worlds</i> , 2004 , 15, 425-432	0.9	21
131	Towards a generic distributed and collaborative digital manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2007 , 23, 267-275	9.2	20
130	Real-time, dynamic level-of-detail management for three-axis NC milling simulation. <i>CAD Computer Aided Design</i> , 2006 , 38, 378-391	2.9	20
129	A multi-regional computation scheme in an AR-assisted in situ CNC simulation environment. <i>CAD Computer Aided Design</i> , 2010 , 42, 1167-1177	2.9	19
128	Web-Based Fault Diagnostic and Learning System. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 18, 502-511	3.2	19
127	Haptic-based interactive path planning for a virtual robot arm. <i>International Journal on Interactive Design and Manufacturing</i> , 2010 , 4, 113-123	1.9	18

126	Design Reuse Methodology for Product Family Design. <i>CIRP Annals - Manufacturing Technology</i> , 2006 , 55, 161-164	4.9	18
125	A Multi-Agent-Based Agile Scheduling Model for a Virtual Manufacturing Environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 21, 980-984	3.2	18
124	An object-oriented approach to computer-aided design of a plastic injection mould. <i>Journal of Intelligent Manufacturing</i> , 1995 , 6, 1-10	6.7	18
123	Orientation planning of robot end-effector using augmented reality. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 67, 2033-2049	3.2	17
122	Robot Path and End-Effector Orientation Planning Using Augmented Reality. <i>Procedia CIRP</i> , 2012 , 3, 191-196	1.8	17
121	Agent-based distributed scheduling for virtual job shops. <i>International Journal of Production Research</i> , 2010 , 48, 3889-3910	7.8	17
120	Evaluation of product performance in product family design re-use. <i>International Journal of Production Research</i> , 2007 , 45, 4119-4141	7.8	17
119	An authorable context-aware augmented reality system to assist the maintenance technicians. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 66, 1699	3.2	16
118	Evaluating the manufacturability of machined parts and their setup plans. <i>International Journal of Production Research</i> , 2000 , 38, 2397-2415	7.8	16
117	A tracking solution for mobile augmented reality based on sensor-aided marker-less tracking and panoramic mapping. <i>Multimedia Tools and Applications</i> , 2016 , 75, 3199-3220	2.5	15
116	An AR-based hybrid approach for facility layout planning and evaluation for existing shop floors. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 72, 457-473	3.2	15
115	Product Remanufacturability Assessment based on Design Information. <i>Procedia CIRP</i> , 2014 , 15, 195-200	1.8	15
114	Product Remanufacturability Assessment and Implementation Based on Design Features. <i>Procedia CIRP</i> , 2015 , 26, 571-576	1.8	15
113	Development of an AR system achieving in situ machining simulation on a 3-axis CNC machine. <i>Computer Animation and Virtual Worlds</i> , 2010 , 21, 103-115	0.9	15
112	A web-based multi-agent system for distributed digital manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2007 , 20, 11-27	4.3	15
111	A generalized registration method for augmented reality systems. <i>Computers and Graphics</i> , 2005 , 29, 980-997	1.8	15
110	EOL strategy planning for components of returned products. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 77, 991-1003	3.2	14
109	Real-virtual interaction in AR assembly simulation based on component contact handling strategy. <i>Assembly Automation</i> , 2015 , 35, 376-394	2.1	14

108	A novel approach in rehabilitation of hand-eye coordination and finger dexterity. <i>Virtual Reality</i> , 2012 , 16, 161-171	6	14
107	A Web-based process planning optimization system for distributed design. <i>CAD Computer Aided Design</i> , 2005 , 37, 921-930	2.9	14
106	Interactive AR-assisted product disassembly sequence planning (ARDIS). <i>International Journal of Production Research</i> , 2020 , 58, 4916-4931	7.8	13
105	Registration based on projective reconstruction technique for augmented reality systems. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2005 , 11, 254-64	4	13
104	STEP-based integration of feature recognition and design-by-feature for manufacturing applications in a concurrent engineering environment. <i>International Journal of Computer Applications in Technology</i> , 2003 , 18, 78	0.7	13
103	Optimal Pass Planning for Robotic Welding of Large-dimension Joints with Deep Grooves. <i>Procedia CIRP</i> , 2016 , 56, 188-192	1.8	13
102	An Integrated Approach for Product Remanufacturing Assessment and Planning. <i>Procedia CIRP</i> , 2016 , 40, 262-267	1.8	13
101	Point cloud augmented virtual reality environment with haptic constraints for teleoperation. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 4091-4104	1.8	12
100	2010 ,		12
99	Assembly Design and Evaluation Based on Bare-Hand Interaction in an Augmented Reality Environment 2009 ,		12
98	An Internet-enabled image- and model-based virtual machining system. <i>International Journal of Production Research</i> , 2002 , 40, 2269-2288	7.8	12
97	Recognition of overlapping machining features based on hybrid artificial intelligent techniques. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2000 , 214, 739-744	2.4	12
96	Development of a shoe-mounted assistive user interface for navigation. <i>International Journal of Sensor Networks</i> , 2011 , 9, 3	0.8	11
95	A Volumetric Model-Based CNC Simulation and Monitoring System in Augmented Environments 2006 ,		11
94	Hand rehabilitation based on augmented reality 2009 ,		11
93	Design for Remanufacturing - A Fuzzy-QFD Approach 2013 , 655-661		11
92	Augmented Reality in Assistive Technology and Rehabilitation Engineering 2011 , 603-630		11
91	Structure design and analysis with integrated AR-FEA. <i>CIRP Annals - Manufacturing Technology</i> , 2017 , 66, 149-152	4.9	10

90	Conceptual design using functional 3D models in augmented reality. <i>International Journal on Interactive Design and Manufacturing</i> , 2015 , 9, 115-133	1.9	10
89	Methodologies for immersive robot programming in an augmented reality environment 2006 ,		10
88	Development of a semi-quantitative pre-LCA tool. <i>Journal of Materials Processing Technology</i> , 1999 , 89-90, 574-582	5.3	10
87	Fuzzy-set-based approach for concurrent constraint set-up planning. <i>Journal of Intelligent Manufacturing</i> , 1996 , 7, 107	6.7	10
86	An intelligent fuzzy set-up planner for manufacturability and fixturability evaluations. <i>International Journal of Production Research</i> , 1996 , 34, 665-686	7.8	10
85	A holistic decision support tool for remanufacturing: end-of-life (EOL) strategy planning. <i>Advances in Manufacturing</i> , 2016 , 4, 189-201	2.7	10
84	An approach for augmented learning of finite element analysis. <i>Computer Applications in Engineering Education</i> , 2019 , 27, 921-933	1.6	9
83	Design and Development of an in situ Machining Simulation System Using Augmented Reality Technology. <i>Procedia CIRP</i> , 2012 , 3, 185-190	1.8	9
82	A Systematic Approach for Analyzing the Fixturability of Parts for Machining. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 1998 , 120, 401-408	3.3	9
81	Computer vision centric hybrid tracking for augmented reality in outdoor urban environments 2009 ,		8
80	Automating set-up planning in machining operations. <i>Journal of Materials Processing Technology</i> , 1997 , 63, 151-156	5.3	8
79	A Framework for Multiple-View Product Representation Using Augmented Reality 2006 ,		8
78	Human-oriented maintenance and disassembly in sustainable manufacturing. <i>Computers and Industrial Engineering</i> , 2020 , 150, 106903	6.4	8
77	A Mobile Solution for Augmenting a Manufacturing Environment with User-Generated Annotations. <i>Information (Switzerland)</i> , 2019 , 10, 60	2.6	7
76	A swarm optimization approach for solving workspace determination of parallel manipulators. <i>Robotica</i> , 2015 , 33, 649-668	2.1	7
75	Towards Implementation of DfRem into the Product Development Process. <i>Procedia CIRP</i> , 2015 , 26, 565-570	5.7	7
74	A multiple sensor-based shoe-mounted user interface designed for navigation systems for the visually impaired 2010 ,		7
73	Collaborative design in 3D space 2008 ,		7

72	An online Web-based environment for detailed design reuse. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 27, 462-467	3.2	7
71	Development of an interactive multimedia teaching package for a course on metalworking. <i>Computer Applications in Engineering Education</i> , 2002 , 10, 215-228	1.6	7
70	Enhancing mechanisms education through interaction with augmented reality simulation. <i>Computer Applications in Engineering Education</i> , 2018 , 26, 1552-1564	1.6	7
69	Augmented Reality in Product Development and Manufacturing 2011 , 651-669		7
68	Assistive obstacle detection and navigation devices for vision-impaired users. <i>Disability and Rehabilitation: Assistive Technology</i> , 2013 , 8, 409-16	1.8	6
67	Region-restricted rapid keypoint registration. <i>Optics Express</i> , 2009 , 17, 22096-101	3.3	6
66	Geometric Simulation of NC Machining Based on STL Models. <i>CIRP Annals - Manufacturing Technology</i> , 2003 , 52, 129-134	4.9	6
65	Philosophies for integrated product development. <i>International Journal of Technology Management</i> , 2001 , 21, 221	1.2	6
64	Effects of Herringbone Groove Patterns on Performance of Vertical Hydrodynamic Journal Bearings. <i>Tribology Transactions</i> , 2002 , 45, 318-323	1.8	6
63	State-of-the-art survey on digital twin implementations. <i>Advances in Manufacturing</i> , 2022 , 10, 1-23	2.7	6
62	Design and development of a navigation assistance system for visually impaired individuals 2009 ,		6
61	Online Authoring for Augmented Reality Remote Maintenance 2011 ,		6
60	Automatic Information Positioning Scheme in AR-assisted Maintenance Based on Visual Saliency. <i>Lecture Notes in Computer Science</i> , 2016 , 453-462	0.9	6
59	A Design Feature-based Approach for Product Remanufacturability Assessment and Analysis. <i>Procedia CIRP</i> , 2016 , 53, 15-20	1.8	6
58	A Brief Introduction of VR and AR Applications in Manufacturing 2004 , 1-11		6
57	Optimal pass planning for robotic welding of large-dimension joints with nonuniform grooves. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018 , 232, 2386-2397	2.4	5
56	Mobile augmented reality visualization and collaboration techniques for on-site finite element structural analysis. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2018 , 09, 1840001	0.8	5
55	Coordination for replicated collaborative feature modeling. <i>International Journal on Interactive Design and Manufacturing</i> , 2010 , 4, 191-200	1.9	5

54	A differential GPS carrier phase technique for precision outdoor AR tracking 2008 ,		5
53	Online design reuse tool for the support of the generation, embodiment and detailed design of products. <i>International Journal of Production Research</i> , 2004 , 42, 3301-3331	7.8	5
52	Process Modelling and Formulation for the Development of an Intelligent Set-up Planning System. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 1995 , 209, 455-467	2.4	5
51	Registration of a hybrid robot using the Degradation-Kronecker method and a purely nonlinear method. <i>Robotica</i> , 2016 , 34, 2729-2740	2.1	4
50	Application of mobile agents in a web-based real-time monitoring system. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 22, 33-40	3.2	4
49	Product disassembly sequence planning: state-of-the-art, challenges, opportunities and future directions. <i>International Journal of Production Research</i> , 2021 , 59, 3493-3508	7.8	4
48	3D bare-hand interactions enabling ubiquitous interactions with smart objects. <i>Advances in Manufacturing</i> , 2020 , 8, 133-143	2.7	3
47	Optimization design of general triglide parallel manipulators. <i>Advanced Robotics</i> , 2016 , 30, 1027-1038	1.7	3
46	Use of Embedded Smart Sensors in Products to Facilitate Remanufacturing 2015 , 3265-3290		3
45	A novel evaluation index for adolescent idiopathic scoliosis progression measurement and diagnosis. <i>Technology and Health Care</i> , 2014 , 22, 225-41	1.1	3
44	Improved Intelligent Water Drops Optimization for Single and Multiple Objective Job Shop Scheduling. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 128-133		3
43	The effectiveness of detector combinations. <i>Optics Express</i> , 2009 , 17, 7407-18	3.3	3
42	Reflectance modeling for a textured object under uncontrolled illumination from high dynamic range maps. <i>Computers and Graphics</i> , 2007 , 31, 262-270	1.8	3
41	A methodology for evaluating the manufacturing ability of equipment in virtual enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , 2006 , 19, 339-349	4.3	3
40	Wearable interface for the physical disabled 2007 ,		3
39	Managing modular fixture elements with Tabu Search in a Web-based environment. <i>International Journal of Production Research</i> , 2003 , 41, 1665-1687	7.8	3
38	A Web-based Framework for Distributed and Collaborative Manufacturing 2007 , 137-150		3
37	Markerless Augmented Reality Using a Robust Point Transferring Method. <i>Lecture Notes in Computer Science</i> , 2006 , 258-268	0.9	3

36	AR-assisted robot welding programming. <i>Advances in Manufacturing</i> , 2020 , 8, 40-48	2.7	3
35	Improving maintenance efficiency and safety through a human-centric approach. <i>Advances in Manufacturing</i> , 2021 , 9, 104-114	2.7	3
34	Product Design for Remanufacturing 2015 , 3195-3217		3
33	Projection-based Augmented Reality Interface for Robot Grasping Tasks 2019 ,		2
32	A new history-independent modeling approach for feature-based design. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 59, 841-858	3.2	2
31	Multi-agent-based Pay-Per-Use (PpU) distributed manufacturing. <i>International Journal of Computer Applications in Technology</i> , 2011 , 40, 114	0.7	2
30	AR-assisted in situ machining simulation 2008 ,		2
29	Communication and coordination in multi-agent manufacturing systems. <i>International Journal of Manufacturing Research</i> , 2006 , 1, 59	0.4	2
28	Tracking points using projective reconstruction for augmented reality 2005 ,		2
27	A VRML-Java-Based Approach to Teaching APT Programming. <i>International Journal of Mechanical Engineering Education</i> , 2001 , 29, 345-359	0.6	2
26	Manufacturability Evaluation and Generation of Re-Design Suggestions for Machined Parts. <i>Journal for Manufacturing Science and Production</i> , 1998 , 1, 87-106		2
25	Web-Based Fault Diagnostic and Learning System 2001 , 18, 502		2
24	Product Design for Remanufacturing 2014 , 1-20		2
23	Optimum calibration of a parallel kinematic manipulator using digital indicators. <i>Advances in Manufacturing</i> , 2014 , 2, 222-230	2.7	1
22	A PSO algorithm for mapping the workspace boundary of parallel manipulators 2010 ,		1
21	Assist disabled to control electronic devices and access computer functions by voice commands 2007 ,		1
20	A Web-based Process Planning Optimization System for Distributed Design. <i>Computer-Aided Design and Applications</i> , 2004 , 1, 367-376	1.4	1
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