

# S K Ong

## List of Publications by Year in Descending Order

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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	State-of-the-art survey on digital twin implementations. <i>Advances in Manufacturing</i> , <b>2022</b> , 10, 1-23	2.7	6
214	Product disassembly sequence planning: state-of-the-art, challenges, opportunities and future directions. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 3493-3508	7.8	4
213	An Integrated Mobile Augmented Reality Digital Twin Monitoring System. <i>Computers</i> , <b>2021</b> , 10, 99	1.9	0
212	Image and model sequences matching for on-site assembly stage identification. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2021</b> , 72, 102185	9.2	0
211	Improving maintenance efficiency and safety through a human-centric approach. <i>Advances in Manufacturing</i> , <b>2021</b> , 9, 104-114	2.7	3
210	3D bare-hand interactions enabling ubiquitous interactions with smart objects. <i>Advances in Manufacturing</i> , <b>2020</b> , 8, 133-143	2.7	3
209	Interactive AR-assisted product disassembly sequence planning (ARDIS). <i>International Journal of Production Research</i> , <b>2020</b> , 58, 4916-4931	7.8	13
208	AR-assisted robot welding programming. <i>Advances in Manufacturing</i> , <b>2020</b> , 8, 40-48	2.7	3
207	Human-oriented maintenance and disassembly in sustainable manufacturing. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 150, 106903	6.4	8
206	Augmented reality-assisted robot programming system for industrial applications. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2020</b> , 61, 101820	9.2	51
205	Enhancing smart shop floor management with ubiquitous augmented reality. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 2352-2367	7.8	23
204	An approach for augmented learning of finite element analysis. <i>Computer Applications in Engineering Education</i> , <b>2019</b> , 27, 921-933	1.6	9
203	A practical augmented reality-assisted maintenance system framework for adaptive user support. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 59, 115-129	9.2	34
202	A Mobile Solution for Augmenting a Manufacturing Environment with User-Generated Annotations. <i>Information (Switzerland)</i> , <b>2019</b> , 10, 60	2.6	7
201	Projection-based Augmented Reality Interface for Robot Grasping Tasks <b>2019</b> ,		2
200	User-Oriented Augmented Reality Content Delivery and Management for Ubiquitous Manufacturing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , <b>2019</b> , 141,	3.3	1
199	Point cloud augmented virtual reality environment with haptic constraints for teleoperation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 4091-4104	1.8	12

198	A comprehensive survey of ubiquitous manufacturing research. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 604-628	7.8	57
197	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> , <b>2018</b> , 232, 2386-2397	2.4	5
196	Mobile augmented reality visualization and collaboration techniques for on-site finite element structural analysis. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>2018</b> , 09, 1840001	0.8	5
195	Enhancing mechanisms education through interaction with augmented reality simulation. <i>Computer Applications in Engineering Education</i> , <b>2018</b> , 26, 1552-1564	1.6	7
194	Designing automotive products for remanufacturing from material selection perspective. <i>Journal of Cleaner Production</i> , <b>2017</b> , 153, 570-579	10.3	50
193	Structure design and analysis with integrated AR-FEA. <i>CIRP Annals - Manufacturing Technology</i> , <b>2017</b> , 66, 149-152	4.9	10
192	Approaches and Challenges in Product Disassembly Planning for Sustainability. <i>Procedia CIRP</i> , <b>2017</b> , 60, 506-511	1.8	32
191	AR-guided Product Disassembly for Maintenance and Remanufacturing. <i>Procedia CIRP</i> , <b>2017</b> , 61, 299-304	1.8	26
190	Adaptive pass planning and optimization for robotic welding of complex joints. <i>Advances in Manufacturing</i> , <b>2017</b> , 5, 93-104	2.7	22
189	Haptic and visual augmented reality interface for programming welding robots. <i>Advances in Manufacturing</i> , <b>2017</b> , 5, 191-198	2.7	31
188	Visualization and interaction of finite element analysis in augmented reality. <i>CAD Computer Aided Design</i> , <b>2017</b> , 84, 1-14	2.9	27
187	Robot path planning optimization for welding complex joints. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 90, 3829-3839	3.2	32
186	A State-of-the-Art Review of Augmented Reality in Engineering Analysis and Simulation. <i>Multimodal Technologies and Interaction</i> , <b>2017</b> , 1, 17	1.7	50
185	Immersive Augmented Reality Environment for the Teleoperation of Maintenance Robots. <i>Procedia CIRP</i> , <b>2017</b> , 61, 305-310	1.8	22
184	Stiffness analysis of parallelogram-type parallel manipulators using a strain energy method. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2016</b> , 37, 13-22	9.2	55
183	Registration of a hybrid robot using the Degradation-Kronecker method and a purely nonlinear method. <i>Robotica</i> , <b>2016</b> , 34, 2729-2740	2.1	4
182	An Augmented Reality-Assisted Therapeutic Healthcare Exercise System Based on Bare-Hand Interaction. <i>International Journal of Human-Computer Interaction</i> , <b>2016</b> , 32, 708-721	3.6	24
181	Multi-modal augmented-reality assembly guidance based on bare-hand interface. <i>Advanced Engineering Informatics</i> , <b>2016</b> , 30, 406-421	7.4	80

180	Optimization design of general triglide parallel manipulators. <i>Advanced Robotics</i> , <b>2016</b> , 30, 1027-1038	1.7	3
179	A tracking solution for mobile augmented reality based on sensor-aided marker-less tracking and panoramic mapping. <i>Multimedia Tools and Applications</i> , <b>2016</b> , 75, 3199-3220	2.5	15
178	A comprehensive survey of augmented reality assembly research. <i>Advances in Manufacturing</i> , <b>2016</b> , 4, 1-22	2.7	224
177	Design for assembly and disassembly for remanufacturing. <i>Assembly Automation</i> , <b>2016</b> , 36, 12-24	2.1	34
176	Towards a griddable distributed manufacturing system with augmented reality interfaces. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2016</b> , 39, 43-55	9.2	62
175	Automatic Information Positioning Scheme in AR-assisted Maintenance Based on Visual Saliency. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 453-462	0.9	6
174	Augmented Reality Interfaces for Smart Objects in Ubiquitous Computing Environments <b>2016</b> , 939-960		
173	Optimal Pass Planning for Robotic Welding of Large-dimension Joints with Deep Grooves. <i>Procedia CIRP</i> , <b>2016</b> , 56, 188-192	1.8	13
172	Real-virtual components interaction for assembly simulation and planning. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2016</b> , 41, 102-114	9.2	51
171	An Integrated Approach for Product Remanufacturing Assessment and Planning. <i>Procedia CIRP</i> , <b>2016</b> , 40, 262-267	1.8	13
170	A Decision Support Tool for Product Design for Remanufacturing. <i>Procedia CIRP</i> , <b>2016</b> , 40, 144-149	1.8	26
169	A Design Feature-based Approach for Product Remanufacturability Assessment and Analysis. <i>Procedia CIRP</i> , <b>2016</b> , 53, 15-20	1.8	6
168	A holistic decision support tool for remanufacturing: end-of-life (EOL) strategy planning. <i>Advances in Manufacturing</i> , <b>2016</b> , 4, 189-201	2.7	10
167	EOL strategy planning for components of returned products. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 77, 991-1003	3.2	14
166	A swarm optimization approach for solving workspace determination of parallel manipulators. <i>Robotica</i> , <b>2015</b> , 33, 649-668	2.1	7
165	Automating design with intelligent human-machine integration. <i>CIRP Annals - Manufacturing Technology</i> , <b>2015</b> , 64, 655-677	4.9	23
164	Application of Design for Disassembly from Remanufacturing Perspective. <i>Procedia CIRP</i> , <b>2015</b> , 26, 577-582	5.82	29
163	A simulation-based genetic algorithm approach for remanufacturing process planning and scheduling. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 37, 521-532	7.5	40

162	A context-aware augmented reality assisted maintenance system. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 213-225	4.3	36
161	Conceptual design using functional 3D models in augmented reality. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2015</b> , 9, 115-133	1.9	10
160	Product Remanufacturability Assessment and Implementation Based on Design Features. <i>Procedia CIRP</i> , <b>2015</b> , 26, 571-576	1.8	15
159	Real-virtual interaction in AR assembly simulation based on component contact handling strategy. <i>Assembly Automation</i> , <b>2015</b> , 35, 376-394	2.1	14
158	Use of Embedded Smart Sensors in Products to Facilitate Remanufacturing <b>2015</b> , 3265-3290		3
157	Real-time finite element structural analysis in augmented reality. <i>Advances in Engineering Software</i> , <b>2015</b> , 87, 43-56	3.6	34
156	The Impact of Automotive Product Remanufacturing on Environmental Performance. <i>Procedia CIRP</i> , <b>2015</b> , 29, 774-779	1.8	31
155	Towards Implementation of DfRem into the Product Development Process. <i>Procedia CIRP</i> , <b>2015</b> , 26, 565-570	5.0	7
154	Improved Intelligent Water Drops Optimization Algorithm for Achieving Single and Multiple Objective Job Shop Scheduling Solutions <b>2015</b> , 3451-3474		
153	Product Design for Remanufacturing <b>2015</b> , 3195-3217		3
152	An AR-based hybrid approach for facility layout planning and evaluation for existing shop floors. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 72, 457-473	3.2	15
151	Optimum calibration of a parallel kinematic manipulator using digital indicators. <i>Advances in Manufacturing</i> , <b>2014</b> , 2, 222-230	2.7	1
150	A novel augmented reality-based interface for robot path planning. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2014</b> , 8, 33-42	1.9	39
149	Design for Disassembly for Remanufacturing: Methodology and Technology. <i>Procedia CIRP</i> , <b>2014</b> , 15, 407-412	1.8	39
148	Modular Design of Machine Tools to Facilitate Design for Disassembly and Remanufacturing. <i>Procedia CIRP</i> , <b>2014</b> , 15, 443-448	1.8	23
147	Remanufacturing Process Planning. <i>Procedia CIRP</i> , <b>2014</b> , 15, 189-194	1.8	37
146	Product Remanufacturability Assessment based on Design Information. <i>Procedia CIRP</i> , <b>2014</b> , 15, 195-200	1.8	15
145	A novel evaluation index for adolescent idiopathic scoliosis progression measurement and diagnosis. <i>Technology and Health Care</i> , <b>2014</b> , 22, 225-41	1.1	3

144	Novel AR-based interface for human-robot interaction and visualization. <i>Advances in Manufacturing</i> , <b>2014</b> , 2, 275-288	2.7	33
143	A context-aware augmented reality system to assist the maintenance operators. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2014</b> , 8, 293-304	1.9	34
142	Use of Embedded Smart Sensors in Products to Facilitate Remanufacturing <b>2014</b> , 1-22		1
141	Augmented Reality Interfaces for Smart Objects in Ubiquitous Computing Environments. <i>Advances in Human and Social Aspects of Technology Book Series</i> , <b>2014</b> , 208-229	0.2	
140	Product Design for Remanufacturing <b>2014</b> , 1-20		2
139	Augmented reality aided interactive manual assembly design. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 69, 1311-1321	3.2	53
138	Orientation planning of robot end-effector using augmented reality. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 67, 2033-2049	3.2	17
137	An improved intelligent water drops algorithm for solving multi-objective job shop scheduling. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 2431-2442	7.2	41
136	CAD model based virtual assembly simulation, planning and training. <i>CIRP Annals - Manufacturing Technology</i> , <b>2013</b> , 62, 799-822	4.9	105
135	A novel maintenance system for equipment serviceability improvement. <i>CIRP Annals - Manufacturing Technology</i> , <b>2013</b> , 62, 39-42	4.9	25
134	Integrated product design and assembly planning in an augmented reality environment. <i>Assembly Automation</i> , <b>2013</b> , 33, 345-359	2.1	22
133	Assistive obstacle detection and navigation devices for vision-impaired users. <i>Disability and Rehabilitation: Assistive Technology</i> , <b>2013</b> , 8, 409-16	1.8	6
132	Assembly planning and evaluation in an augmented reality environment. <i>International Journal of Production Research</i> , <b>2013</b> , 51, 7388-7404	7.8	32
131	Improved Intelligent Water Drops Optimization for Single and Multiple Objective Job Shop Scheduling. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 128-133		3
130	Virtual and Augmented Reality Applications in Manufacturing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 15-26		59
129	Design for Remanufacturing - A Fuzzy-QFD Approach <b>2013</b> , 655-661		11
128	Interactive robot trajectory planning and simulation using Augmented Reality. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2012</b> , 28, 227-237	9.2	78
127	Augmented reality applications in design and manufacturing. <i>CIRP Annals - Manufacturing Technology</i> , <b>2012</b> , 61, 657-679	4.9	402

126	An enhanced ant colony optimiser for multi-attribute partner selection in virtual enterprises. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 2286-2303	7.8	31
125	Design and Development of an in situ Machining Simulation System Using Augmented Reality Technology. <i>Procedia CIRP</i> , <b>2012</b> , 3, 185-190	1.8	9
124	Robot Path and End-Effector Orientation Planning Using Augmented Reality. <i>Procedia CIRP</i> , <b>2012</b> , 3, 191-196	1.8	17
123	An improved Intelligent Water Drops algorithm for achieving optimal job-shop scheduling solutions. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 4192-4205	7.8	39
122	An authorable context-aware augmented reality system to assist the maintenance technicians. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 66, 1699	3.2	16
121	A new history-independent modeling approach for feature-based design. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 59, 841-858	3.2	2
120	A novel approach in rehabilitation of hand-eye coordination and finger dexterity. <i>Virtual Reality</i> , <b>2012</b> , 16, 161-171	6	14
119	Vision-Based Hand Interaction in Augmented Reality Environment. <i>International Journal of Human-Computer Interaction</i> , <b>2011</b> , 27, 523-544	3.6	48
118	A Hybrid Particle Swarm and Ant Colony Optimizer for Multi-attribute Partnership Selection in Virtual Enterprises <b>2011</b> , 289-326		0
117	Multi-agent-based Pay-Per-Use (PpU) distributed manufacturing. <i>International Journal of Computer Applications in Technology</i> , <b>2011</b> , 40, 114	0.7	2
116	Development of a shoe-mounted assistive user interface for navigation. <i>International Journal of Sensor Networks</i> , <b>2011</b> , 9, 3	0.8	11
115	Augmented assembly technologies based on 3D bare-hand interaction. <i>CIRP Annals - Manufacturing Technology</i> , <b>2011</b> , 60, 1-4	4.9	55
114	GARDE: a gesture-based augmented reality design evaluation system. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2011</b> , 5, 85-94	1.9	26
113	A surface blending approach for displacement features on freeform surfaces. <i>CAD Computer Aided Design</i> , <b>2011</b> , 43, 57-66	2.9	
112	GRAONTO: A graph-based approach for automatic construction of domain ontology. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 11958-11975	7.8	26
111	RFID-assisted assembly guidance system in an augmented reality environment. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 3919-3938	7.8	49
110	Online Authoring for Augmented Reality Remote Maintenance <b>2011</b> ,		6
109	SMARt World - User-Friendly Mobile Ubiquitous Augmented Reality Framework <b>2011</b> , 39-51		1



108	Augmented Reality in Assistive Technology and Rehabilitation Engineering <b>2011</b> , 603-630		11
107	Augmented Reality in Product Development and Manufacturing <b>2011</b> , 651-669		7
106	A multiple sensor-based shoe-mounted user interface designed for navigation systems for the visually impaired <b>2010</b> ,		7
105	Agent-based distributed scheduling for virtual job shops. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 3889-3910	7.8	17
104	A PSO algorithm for mapping the workspace boundary of parallel manipulators <b>2010</b> ,		1
103	<b>2010</b> ,		12
102	A novel AR-based robot programming and path planning methodology. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2010</b> , 26, 240-249	9.2	29
101	Haptic-based interactive path planning for a virtual robot arm. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2010</b> , 4, 113-123	1.9	18
100	Coordination for replicated collaborative feature modeling. <i>International Journal on Interactive Design and Manufacturing</i> , <b>2010</b> , 4, 191-200	1.9	5
99	Development of an AR system achieving in situ machining simulation on a 3-axis CNC machine. <i>Computer Animation and Virtual Worlds</i> , <b>2010</b> , 21, 103-115	0.9	15
98	A multi-regional computation scheme in an AR-assisted in situ CNC simulation environment. <i>CAD Computer Aided Design</i> , <b>2010</b> , 42, 1167-1177	2.9	19
97	Augmented reality for collaborative product design and development. <i>Design Studies</i> , <b>2010</b> , 31, 118-145	3.6	83
96	Computer vision centric hybrid tracking for augmented reality in outdoor urban environments <b>2009</b> ,		8
95	A mixed reality environment for collaborative product design and development. <i>CIRP Annals - Manufacturing Technology</i> , <b>2009</b> , 58, 139-142	4.9	32
94	Robot programming using augmented reality: An interactive method for planning collision-free paths. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2009</b> , 25, 689-701	9.2	109
93	Assembly Design and Evaluation Based on Bare-Hand Interaction in an Augmented Reality Environment <b>2009</b> ,		12
92	The effectiveness of detector combinations. <i>Optics Express</i> , <b>2009</b> , 17, 7407-18	3.3	3
91	Region-restricted rapid keypoint registration. <i>Optics Express</i> , <b>2009</b> , 17, 22096-101	3.3	6



90	Robot Programming Using Augmented Reality <b>2009</b> ,		27
89	Design and development of a navigation assistance system for visually impaired individuals <b>2009</b> ,		6
88	Hand rehabilitation based on augmented reality <b>2009</b> ,		11
87	Methods for in-field user calibration of an inertial measurement unit without external equipment. <i>Measurement Science and Technology</i> , <b>2008</b> , 19, 085202	2	129
86	Augmented reality applications in manufacturing: a survey. <i>International Journal of Production Research</i> , <b>2008</b> , 46, 2707-2742	7.8	220
85	A differential GPS carrier phase technique for precision outdoor AR tracking <b>2008</b> ,		5
84	Augmented reality for assembly guidance using a virtual interactive tool. <i>International Journal of Production Research</i> , <b>2008</b> , 46, 1745-1767	7.8	93
83	AR-assisted in situ machining simulation <b>2008</b> ,		2
82	Collaborative design in 3D space <b>2008</b> ,		7
81	Product information visualization and augmentation in collaborative design. <i>CAD Computer Aided Design</i> , <b>2008</b> , 40, 963-974	2.9	34
80	Augmented Reality Aided Assembly Design and Planning. <i>CIRP Annals - Manufacturing Technology</i> , <b>2007</b> , 56, 49-52	4.9	65
79	Towards a generic distributed and collaborative digital manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2007</b> , 23, 267-275	9.2	20
78	Reflectance modeling for a textured object under uncontrolled illumination from high dynamic range maps. <i>Computers and Graphics</i> , <b>2007</b> , 31, 262-270	1.8	3
77	A web-based multi-agent system for distributed digital manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2007</b> , 20, 11-27	4.3	15
76	Wearable interface for the physical disabled <b>2007</b> ,		3
75	Assist disabled to control electronic devices and access computer functions by voice commands <b>2007</b> ,		1
74	Evaluation of product performance in product family design re-use. <i>International Journal of Production Research</i> , <b>2007</b> , 45, 4119-4141	7.8	17
73	A Unified Model-based Integration of Process Planning and Scheduling <b>2007</b> , 295-309		1

72	A Web-based Framework for Distributed and Collaborative Manufacturing <b>2007</b> , 137-150		3
71	Development of a web-based graduate-level module courseware. <i>Computer Applications in Engineering Education</i> , <b>2006</b> , 14, 90-105	1.6	
70	Web-based configuration design system for product customization. <i>International Journal of Production Research</i> , <b>2006</b> , 44, 351-382	7.8	43
69	Assembly feature design in an augmented reality environment. <i>Assembly Automation</i> , <b>2006</b> , 26, 34-43	2.1	49
68	A methodology for evaluating the manufacturing ability of equipment in virtual enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2006</b> , 19, 339-349	4.3	3
67	A Framework for Multiple-View Product Representation Using Augmented Reality <b>2006</b> ,		8
66	Methodologies for immersive robot programming in an augmented reality environment <b>2006</b> ,		10
65	Registration using natural features for augmented reality systems. <i>IEEE Transactions on Visualization and Computer Graphics</i> , <b>2006</b> , 12, 569-80	4	33
64	A Volumetric Model-Based CNC Simulation and Monitoring System in Augmented Environments <b>2006</b> ,		11
63	Communication and coordination in multi-agent manufacturing systems. <i>International Journal of Manufacturing Research</i> , <b>2006</b> , 1, 59	0.4	2
62	Real-time, dynamic level-of-detail management for three-axis NC milling simulation. <i>CAD Computer Aided Design</i> , <b>2006</b> , 38, 378-391	2.9	20
61	Design Reuse Methodology for Product Family Design. <i>CIRP Annals - Manufacturing Technology</i> , <b>2006</b> , 55, 161-164	4.9	18
60	Function-based design synthesis approach to design reuse. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , <b>2006</b> , 17, 27-44	3.5	33
59	An online Web-based environment for detailed design reuse. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2006</b> , 27, 462-467	3.2	7
58	Design and development of 3DOF modular micro parallel kinematic manipulator. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2006</b> , 31, 188-200	3.2	30
57	Markerless Augmented Reality Using a Robust Point Transferring Method. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 258-268	0.9	3
56	Registration based on projective reconstruction technique for augmented reality systems. <i>IEEE Transactions on Visualization and Computer Graphics</i> , <b>2005</b> , 11, 254-64	4	13
55	A Web-based process planning optimization system for distributed design. <i>CAD Computer Aided Design</i> , <b>2005</b> , 37, 921-930	2.9	14

54	A generalized registration method for augmented reality systems. <i>Computers and Graphics</i> , <b>2005</b> , 29, 980-997	1.8	15
53	Tracking points using projective reconstruction for augmented reality <b>2005</b> ,		2
52	A Web-based Process Planning Optimization System for Distributed Design. <i>Computer-Aided Design and Applications</i> , <b>2004</b> , 1, 367-376	1.4	1
51	Online design reuse tool for the support of the generation, embodiment and detailed design of products. <i>International Journal of Production Research</i> , <b>2004</b> , 42, 3301-3331	7.8	5
50	The virtual interaction panel: an easy control tool in augmented reality systems. <i>Computer Animation and Virtual Worlds</i> , <b>2004</b> , 15, 425-432	0.9	21
49	An adaptive and upgradable agent-based system for coordinated product development and manufacture. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2004</b> , 20, 79-90	9.2	53
48	Feature-based design in a distributed and collaborative environment. <i>CAD Computer Aided Design</i> , <b>2004</b> , 36, 775-797	2.9	80
47	Optimization of process plans using a constraint-based tabu search approach. <i>International Journal of Production Research</i> , <b>2004</b> , 42, 1955-1985	7.8	70
46	Virtual reality simulations and animations in a web-based interactive manufacturing engineering module. <i>Computers and Education</i> , <b>2004</b> , 43, 361-382	9.5	59
45	A Brief Introduction of VR and AR Applications in Manufacturing <b>2004</b> , 1-11		6
44	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> , <b>2003</b> , 18, 78	0.7	13
43	A Multi-Agent-Based Agile Scheduling Model for a Virtual Manufacturing Environment. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2003</b> , 21, 980-984	3.2	18
42	Application of mobile agents in a web-based real-time monitoring system. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2003</b> , 22, 33-40	3.2	4
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