

SangSu Choi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

481
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual reality applications in manufacturing industries: Past research, present findings, and future directions. <i>Concurrent Engineering Research and Applications</i> , 2015, 23, 40-63.	3.2	211
2	A diagnosis and evaluation method for strategic planning and systematic design of a virtual factory in smart manufacturing systems. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 1107-1115.	2.2	64
3	A reference activity model for smart factory design and improvement. <i>Production Planning and Control</i> , 2017, 28, 108-122.	8.8	64
4	A Cloud-based Digital Twin Manufacturing System based on an Interoperable Data Schema for Smart Manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 1259-1276.	4.6	35
5	An analysis of technologies and standards for designing smart manufacturing systems. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2016, 121, 422.	1.2	30
6	Digital Manufacturing in Smart Manufacturing Systems: Contribution, Barriers, and Future Directions. <i>IFIP Advances in Information and Communication Technology</i> , 2015, , 21-29.	0.7	19
7	A Rule-based System for the Automated Creation of VR Data for Virtual Plant Review. <i>Concurrent Engineering Research and Applications</i> , 2010, 18, 165-183.	3.2	15
8	ONESVIEW: An Integrated System for One-Stop Virtual Design Review. <i>Concurrent Engineering Research and Applications</i> , 2010, 18, 75-91.	3.2	14
9	Development of a framework for the integration and management of sustainability for small- and medium-sized enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , 2017, 30, 1190-1202.	4.6	7
10	The Integrated Design and Analysis of Manufacturing Lines (I) - an Automated Modeling & Simulation System for Digital Virtual Manufacturing. <i>Korean Journal of Computational Design and Engineering</i> , 2014, 19, 138-147.	0.0	6
11	Towards development of cyber-physical systems based on integration of heterogeneous technologies. <i>International Journal of Computer Applications in Technology</i> , 2018, 58, 129.	0.5	5
12	Applications of the Factory Design and Improvement Reference Activity Model. <i>IFIP Advances in Information and Communication Technology</i> , 2016, , 697-704.	0.7	4
13	The Integrated Design and Analysis of Manufacturing Lines (II) - Continuous Design, Analysis and Optimization through Digital Virtual Manufacturing. <i>Korean Journal of Computational Design and Engineering</i> , 2014, 19, 148-156.	0.0	4
14	Cyber-physical systems: a case study of development for manufacturing industry. <i>International Journal of Computer Applications in Technology</i> , 2017, 55, 289.	0.5	3
15	Towards a Platform for Smart Manufacturing Improvement Planning. <i>IFIP Advances in Information and Communication Technology</i> , 2018, , 378-385.	0.7	0
16	Development of an assessment system based on manufacturing readiness level for smart manufacturing and supplier selection. <i>International Journal of Computer Applications in Technology</i> , 2017, 56, 87.	0.5	0
17	Towards development of cyber-physical systems based on integration of heterogeneous technologies. <i>International Journal of Computer Applications in Technology</i> , 2018, 58, 129.	0.5	0