Tibor Holczinger

List of Publications by Year
in descending order

17	384	1162889 8	1199470 12
papers	citations	h-index	g-index

17	17	17	369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enabling Technologies for Operator 4.0: A Survey. Applied Sciences (Switzerland), 2018, 8, 1650.	1.3	143
2	Development of manufacturing execution systems in accordance with Industry 4.0 requirements: A review of standard- and ontology-based methodologies and tools. Computers in Industry, 2020, 123, 103300.	5.7	83
3	Combinatorial framework for effective scheduling of multipurpose batch plants. AICHE Journal, 2002, 48, 2557-2570.	1.8	53
4	Industry 4.0-Driven Development of Optimization Algorithms: A Systematic Overview. Complexity, 2021, 2021, 1-22.	0.9	27
5	Scheduling intermediate storage multipurpose batch plants using the S-graph. AICHE Journal, 2004, 50, 403-417.	1.8	24
6	Effective scheduling of a large-scale paint production system. Journal of Cleaner Production, 2008, 16, 225-232.	4.6	22
7	Practical infeasibility of cross-transfer in batch plants with complex recipes: S-graph vs MILP methods. Chemical Engineering Science, 2009, 64, 605-610.	1.9	11
8	Scheduling Under Uncertainty for Industry 4.0 and 5.0. IEEE Access, 2022, 10, 74977-75017.	2.6	11
9	An automated algorithm for throughput maximization under fixed time horizon in multipurpose batch plants: S-Graph approach. Computer Aided Chemical Engineering, 2007, , 649-654.	0.3	3
10	Scheduling approach for on-site jobs of service providers. Flexible Services and Manufacturing Journal, 2020, 32, 913-948.	1.9	3
11	Addressing storage time restrictions in the S-graph scheduling framework. Optimization and Engineering, 2020, , 1.	1.3	2
12	Digital factory in the University of Pannonia Nagykanizsa Campus - the Factory Subsystem. Analecta Technica Szegedinensia, 2019, 13, 21-27.	0.2	2
13	Rigorous scheduling resolution of complex multipurpose batch plants: S-Graph vs. MILP. Computer Aided Chemical Engineering, 2006, 21, 2033-2038.	0.3	0
14	Coloured Petri Net based PLC program validation with a fast simulation method. , 2013, , .		0
15	Throughput Maximization with S-graph Framework using Global Branching Tree. MACRo 2015, 2015, 1, 201-210.	0.1	0
16	Egy bÃºtoripari cÃ©g gyÃ¡rtÃ¡sÃ¼temezÃ©se sorÃ¡n fellÃ©pÅ‘ nehÃ©zsÃ©gek dÃ¶ntÃ©stÃ¡mogatÃ¡sa. International Journal of Engineering and Management Sciences, 2020, 5, 405-418.	0.1	0
17	Production flow of customized products in a digital factory. Procedia Computer Science, 2022, 200, 1201-1208.	1.2	0