Hossein Mostafaei

List of Publications by Year
in descending order

23 papers	359 citations	759233 12 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	106 citing authors

#	Article	IF	Citations
1	The effect of an educational program for hookah use prevention among high school male students: Application of the prototype willingness model. Pneumon, 2022, 35, 1-9.	0.3	0
2	A holistic MILP model for scheduling and inventory management of a multiproduct oil distribution system. Omega, 2021, 98, 102110.	5.9	18
3	Robust Optimization for Scheduling and Lot-sizing of a Single Machine with Sequence-dependent Changeovers. Computer Aided Chemical Engineering, 2021, 50, 1733-1739.	0.5	0
4	Efficient formulation for transportation scheduling of single refinery multiproduct pipelines. European Journal of Operational Research, 2021, 293, 731-747.	5.7	7
5	Continuous‐time scheduling formulation for multipurpose batch plants. AICHE Journal, 2020, 66, e16804.	3.6	9
6	Synergistic and Intelligent Process Optimization: First Results and Open Challenges. Industrial & Engineering Chemistry Research, 2020, 59, 16684-16694.	3.7	4
7	Large-scale selective maintenance optimization using bathtub-shaped failure rates. Computers and Chemical Engineering, 2020, 139, 106876.	3.8	16
8	Data-Driven Approach to Grade Change Scheduling Optimization in a Paper Machine. Industrial & Engineering Chemistry Research, 2020, 59, 8281-8294.	3.7	4
9	Single Reference Grid Continuous-Time Formulation for Batch Scheduling. IFAC-PapersOnLine, 2019, 52, 832-837.	0.9	1
10	Batch-centric scheduling formulation for treelike pipeline systems with forbidden product sequences. Computers and Chemical Engineering, 2019, 122, 2-18.	3.8	26
11	New continuous-time scheduling formulation for multilevel treelike pipeline systems. Computer Aided Chemical Engineering, 2018, 43, 973-978.	0.5	2
12	Hierarchical Decomposition Approach for Detailed Scheduling of Pipeline Systems with Branches. Communications in Computer and Information Science, 2018, , 243-266.	0.5	1
13	Product-centric continuous-time formulation for pipeline scheduling. Computers and Chemical Engineering, 2017, 104, 283-295.	3.8	32
14	Continuous‐time scheduling formulation for straight pipelines. AICHE Journal, 2017, 63, 1923-1936.	3.6	40
15	New Continuous-Time Scheduling Formulation for Multiproduct Pipelines. Computer Aided Chemical Engineering, 2017, 40, 1381-1386.	0.5	1
16	Short-term scheduling of multiple source pipelines with simultaneous injections and deliveries. Computers and Operations Research, 2016, 73, 27-42.	4.0	39
17	Continuous-Time Formulation for Oil Products Transportation Scheduling. Lecture Notes in Computer Science, 2016, , 384-396.	1.3	0
18	An MILP model for scheduling the operation of a refined petroleum products distribution system. Operational Research, 2016, 16, 513-542.	2.0	14

#	Article	IF	Citations
19	A mathematical model for scheduling of real-world tree-structured multi-product pipeline system. Mathematical Methods of Operations Research, 2015, 81, 53-81.	1.0	15
20	A Novel Monolithic MILP Framework for Lot-Sizing and Scheduling of Multiproduct Treelike Pipeline Networks. Industrial & Engineering Chemistry Research, 2015, 54, 9202-9221.	3.7	49
21	A mixed-integer linear programming for scheduling a multi-product pipeline with dual-purpose terminals. Computational and Applied Mathematics, 2015, 34, 979-1007.	1.3	17
22	On the scheduling of real world multiproduct pipelines with simultaneous delivery. Optimization and Engineering, 2015, 16, 571-604.	2.4	27
23	A General Modeling Framework for the Long-Term Scheduling of Multiproduct Pipelines with Delivery Constraints. Industrial & Engineering Chemistry Research, 2014, 53, 7029-7042.	3.7	37