

Aldo Vecchietti

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

430
citations

933447

10
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

373
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Optimal design of ethylene and propylene coproduction plants with generalized disjunctive programming and state equipment network models. Computers and Chemical Engineering, 2021, 149, 107295. | 3.8 | 8 |
| 2 | Agile operational research. Journal of the Operational Research Society, 2020, , 1-15. | 3.4 | 3 |
| 3 | Analysis, design and development of advanced planning systems. International Journal of Industrial and Systems Engineering, 2020, 36, 361. | 0.2 | 1 |
| 4 | A possibilistic model for production planning with uncertain demand. European Journal of Industrial Engineering, 2020, 14, 743. | 0.8 | 4 |
| 5 | â€œersppfpâ€ An R package for the shortest path problem with forbidden paths. SoftwareX, 2019, 9, 265-270. | 2.6 | 0 |
| 6 | Simultaneous optimization of production planning and inventory management of polyurethane foam plant. Optimization and Engineering, 2018, 19, 97-123. | 2.4 | 3 |
| 7 | Modeling the Thermochemical Pretreatment of <i>Eucalyptus globulus</i> for Bioethanol Production. Industrial & Engineering Chemistry Research, 2018, 57, 12458-12467. | 3.7 | 4 |
| 8 | Generalized disjunctive programming model for the multi-period production planning optimization: An application in a polyurethane foam manufacturing plant. Computers and Chemical Engineering, 2017, 103, 69-80. | 3.8 | 12 |
| 9 | Investment in the energy sector: An optimization model that contemplates several uncertain parameters. Energy, 2017, 138, 831-845. | 8.8 | 10 |
| 10 | Forest Supply Chain Optimization applying Generalized Disjunctive Programming. Computer Aided Chemical Engineering, 2016, 38, 709-714. | 0.5 | 4 |
| 11 | Fermentable sugars from <i>Eucalyptus globulus</i> : Process optimization. Computers and Chemical Engineering, 2016, 93, 343-352. | 3.8 | 5 |
| 12 | Influence of raw material moisture on the synthesis of black tea production process. Journal of Food Engineering, 2016, 173, 76-84. | 5.2 | 18 |
| 13 | Fuzzy Programming Model for Procurement Management under Delivery Shortage. Industrial & Engineering Chemistry Research, 2015, 54, 4616-4624. | 3.7 | 1 |
| 14 | A systemic approach to define and characterize Advanced Planning Systems (APS). Computers and Industrial Engineering, 2015, 90, 326-338. | 6.3 | 25 |
| 15 | Investment planning in energy considering economic and environmental objectives. Computers and Chemical Engineering, 2015, 72, 222-232. | 3.8 | 6 |
| 16 | Optimizing the Energy Production Infrastructure Considering Uncertainty in Fossil Resource Availability. Industrial & Engineering Chemistry Research, 2014, 53, 16984-17001. | 3.7 | 0 |
| 17 | An optimization approach for long term investments planning in energy. Applied Energy, 2014, 122, 162-178. | 10.1 | 26 |
| 18 | A comparative assessment of linearization methods for bilinear models. Computers and Chemical Engineering, 2013, 48, 218-233. | 3.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Integrated Planning and Scheduling with Due Dates in the Corrugated Board Boxes Industry. Industrial & Engineering Chemistry Research, 2013, 52, 847-860. | 3.7 | 4 |
| 20 | Mid-term planning optimization model with sales contracts under demand uncertainty. Computers and Chemical Engineering, 2012, 47, 227-236. | 3.8 | 4 |
| 21 | Multicriteria Optimization Model for Supply Process Problem under Provision and Demand Uncertainty. Industrial & Engineering Chemistry Research, 2011, 50, 10630-10642. | 3.7 | 2 |
| 22 | Inventory and delivery optimization under seasonal demand in the supply chain. Computers and Chemical Engineering, 2010, 34, 1705-1718. | 3.8 | 13 |
| 23 | Logical and Generalized Disjunctive Programming for Supplier and Contract Selection under Provision Uncertainty. Industrial & Engineering Chemistry Research, 2009, 48, 5506-5521. | 3.7 | 9 |
| 24 | Enterprise optimization for solving an assignment and trim-loss non-convex problem. Computers and Chemical Engineering, 2008, 32, 2812-2822. | 3.8 | 15 |
| 25 | Modeling of discrete/continuous optimization problems: characterization and formulation of disjunctions and their relaxations. Computers and Chemical Engineering, 2003, 27, 433-448. | 3.8 | 132 |
| 26 | Modeling issues and implementation of language for disjunctive programming. Computers and Chemical Engineering, 2000, 24, 2143-2155. | 3.8 | 50 |
| 27 | logmip: a disjunctive ∞ 1 non-linear optimizer for process system models. Computers and Chemical Engineering, 1999, 23, 555-565. | 3.8 | 63 |
| 28 | A disjunctive model to analyze and redefine the logistic of replenishing goods of retailing stores. Optimization and Engineering, 0, , 1. | 2.4 | 0 |