# Abdul Sattar Safaei

List of Publications by Year
in descending order

| 22 papers | 795 citations | 758635 12 h-index | 752256 20 g-index |
|---|---|---|---|
| 22 all docs | 22 docs citations | 22 times ranked | 825 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | An integrated fuzzy MOORA method and FMEA technique for sustainable supplier selection considering quantity discounts and supplier's risk. Journal of Cleaner Production, 2018, 190, 577-591. | 4.6 | 196 |
| 2 | Integrated multi-site production-distribution planning in supply chain by hybrid modelling. International Journal of Production Research, 2010, 48, 4043-4069. | 4.9 | 76 |
| 3 | Modification of microstructure and mechanical properties of cement by nanoparticles through a sustainable development approach. Construction and Building Materials, 2017, 155, 880-891. | 3.2 | 76 |
| 4 | Robust bi-level optimization of relief logistics operations. Applied Mathematical Modelling, 2018, 56, 359-380. | 2.2 | 70 |
| 5 | A robust optimization model for the design of a cardboard closed-loop supply chain. Journal of Cleaner Production, 2017, 166, 1154-1168. | 4.6 | 60 |
| 6 | An engine oil closed-loop supply chain design considering collection risk. Computers and Chemical Engineering, 2017, 104, 38-55. | 2.0 | 59 |
| 7 | A reverse supply chain for medical waste: A case study in Babol healthcare sector. Waste Management, 2020, 113, 197-209. | 3.7 | 58 |
| 8 | Multi-objective economic statistical design of X-bar control chart considering Taguchi loss function. International Journal of Advanced Manufacturing Technology, 2012, 59, 1091-1101. | 1.5 | 37 |
| 9 | Optimizing a multi-product closed-loop supply chain using NSGA-II, MOSA, and MOPSO meta-heuristic algorithms. Journal of Industrial Engineering International, 2018, 14, 305-326. | 1.8 | 30 |
| 10 | Emergency logistics planning under supply risk and demand uncertainty. Operational Research, 2020, 20, 1437-1460. | 1.3 | 27 |
| 11 | Robust economic-statistical design of X-bar control chart. International Journal of Production Research, 2015, 53, 4446-4458. | 4.9 | 24 |
| 12 | A faucet closed-loop supply chain network design considering used faucet exchange plan. Journal of Cleaner Production, 2019, 235, 503-518. | 4.6 | 17 |
| 13 | A novel mathematical model for group purchasing in healthcare. Operations Research for Health Care, 2017, 15, 82-90. | 0.8 | 12 |
| 14 | Group purchasing organization design: a clustering approach. Computational and Applied Mathematics, 2018, 37, 2065-2093. | 1.3 | 11 |
| 15 | A disaster relief operations management model: a hybrid LPâ€"GA approach. Neural Computing and Applications, 2020, 32, 1173-1194. | 3.2 | 10 |
| 16 | Evaluating the performance of variable scheme X-bar control chart: a Taguchi loss approach. International Journal of Production Research, 2014, 52, 5385-5395. | 4.9 | 9 |
| 17 | Customer relationship management and new product development in designing a robust supply chain. RAIRO - Operations Research, 2020, 54, 369-391. | 1.0 | 9 |
| 18 | Multiobjective design of an S control chart for monitoring process variability. International Journal of Multicriteria Decision Making, 2012, 2, 408. | 0.1 | 6 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Designing a dual-channel supply chain network considering dependent demand and discount. RAIRO - Operations Research, 2021, 55, S2325-S2347. | 1.0 | 4 |
| 20 | Simulation–optimization approach for the multi-objective production and distribution planning problem in the supply chain: using NSGA-II and Monte Carlo simulation. Soft Computing, 2022, 26, 8661-8687. | 2.1 | 3 |
| 21 | A bi-objective green multi-period inventory-routing problem with multi-speed vehicles. International Journal of Applied Decision Sciences, 2021, 14, 321. | 0.2 | 1 |
| 22 | Relief commodities distribution planning considering the features of demand areas: a robust multi-objective approach. Scientia Iranica, 2017, . | 0.3 | 0 |