# Energy and Exergy Analysis of a Coal Fired Power Plant

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 8 | Thermodynamic Analysis of a Condensate Heating System from a Marine Steam Propulsion Plant with Steam Reheating. *Journal of Marine Science and Application*, **2021**, 20, 117-127 | 1.2 | 1 |
| 7 | A comprehensive review of 4E analysis of thermal power plants, intermittent renewable energy and integrated energy systems. *Energy Reports*, **2021**, 7, 3517-3534 | 4.6 | 11 |
| 6 | Developing an analytical model to predict the energy and exergy based performances of a coal-fired thermal power plant. *Case Studies in Thermal Engineering*, **2021**, 28, 101519 | 5.6 | 4 |
| 5 | The Leakage of Steam Mass Flow Rate through the Gland Seals Influence on Turbine Produced Power. *Journal of Maritime & Transportation Science*, **2020**, 58, 39-56 | 0.2 | 1 |
| 4 | Investigation of Performance for Entrained Flow Gasifier Through Simulations. *Mehran University Research Journal of Engineering and Technology*, **2020**, 39, 97-110 | 0.6 | 1 |
| 3 | 4E (ENERGY, EXERGY, ECONOMIC AND ENVIRONMENTAL) ANALYSIS OF THE NOVEL DESIGN OF WET COOLING TOWER. *Journal of Thermal Engineering*, 252-267 | 1.1 | 2 |
| 2 | Modeling and analysis of optimal performance of a coal-fired power plant based on exergy evaluation. *Energy Reports*, **2022**, 8, 2179-2199 | 4.6 | 0 |
| 1 | Modeling of Large-Scale Thermal Power Plants for Performance Prediction in Deep Peak Shaving. *Energies*, **2022**, 15, 3171 | 3.1 | 0 |