

## عنوان مقاله:

Two comparative MCDM approaches for evaluating the financial performance of Iranian basic metals companies

## محل انتشار:

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## خلاصه مقاله:

Due to the increasing competition and the continuous changes in current business environments, appropriate evaluation of the companies' performance is a useful tool not only for themselves but also for their own investors and creditors. In this paper, a model is presented for evaluating the basic metals producing companies. The proposed model based on analyzing the financial ratios is a combination of the FAHP (fuzzy analytical hierarchy process) and the VIKOR. The FAHP is used for determining the weights of the financial ratios and the VIKOR is applied for ranking the companies. To clarify the effectiveness and the accuracy of the developed method, the obtained result from the VIKOR is compared with the results of the TOPSIS technique. It can be seen from the results that the VIKOR based ranking is relatively similar to the result by the TOPSIS. In this research, the proposed method is utilized for evaluation of the performance of eight Iranian basic metals companies exist in Tehran stock exchange list.

## کلمات کلیدی:

Basic metals companies, Financial ratios, Fuzzy AHP, TOPSIS, Vikor

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