

## Abnormal Reference Patterns on the Publications by SK Brika

Concerns are raised regarding the reference patterns on several publications coauthored by Said Khalfa Brika, who is with University of Bisha, Saudi Arabia.

POI	Citation to Umair	Authors
10.1016/j.ijhydene.2025.05.222	23/50	Pin Liu (Hunan University of Information Technology/湖南信息学院), Said Khalfa Brika, Karimzada Mehriban Vagif, Ulugbek Yusupov, Zheng Jeang (Tianjin University of Finance and Economics/天津财经大学)
10.1016/j.ecolind.2025.113992	13/45	Han Lan (Sichuan Agricultural University/四川家业大学), Said Khalfa Brika, Agarzayev Azer Huseyn, Nargizakhon Shamshieva, Liyu Du (Nanjing Normal University/南京师范大学)
10.1016/j.enbuild.2025.116253	lation 0	Buchen Wu (China University of Mining and Technology/中国矿业大学), Xiangyu Yu (Shandong Technology and Business University/山东工商学院), Said Khalfa Brika, Mammadova Simuzar Sultan, Huang Liu (Beijing University of Science and Technology/北京科技大学)
10.1016/j.ecolmodel.2025.111211	0	Liyang Zhao (Hunan Agricultural University/潮南农业大学), Said Khalfa Brika, Ling lui (Nanjing Normal University/南京师范大学)
10.1016/j.ecolind.2025.113920	9/29	Shi Tang (Chengdu Museum/成都博物馆), Said Khalfa Brika, Yegana Hakimova, Gavkhar Bekmurodova
10.1002/ep.70038	0	Wanci Dai, Babatunde Sunday Eweade, Said Khalfa Brika, Berna Uzun, Chunxiao Dong (Zhongnan University of Economics and Law/中南财经政法大学)
10.1080/00036846.2025.2516836	0 O	Yawen Zhao (Shandong University of Finance and Economics/山东财经大学), Muhammad Ramzan, Said Khalfa Brika , Babatunde Sunday Eweade
10.1016/j.ijhydene.2025.06.016	0	Nan Jiang, Meng Zhang (Aba Teachers College/阿坝师范学院), Said Khalfa Brika, Zeynalova Aynur Teymu, Boo Feng (Fudan University/复旦大学)

During a recent investigation, the 5GH Team uncovered 3 articles (highlighted with yellow), which were coauthored by Said Khalfa Brika, having high proportion (over 25%) of the references to Muhammad Umair, with Ghazi University, Pakistan.

These 3 articles and more others also have abnormal authorship patterns: (1) the first authors of them are usually affiliated to Chinese universities, (2) the authors of each articles are usually from multiple nations, including but not limited to China, Saudi Arabia, and others, (3) there is no overlap of any Chinese author among different articles, suggesting the cooperation was likely faked.

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