An International Journal
JSCDSS
http://www.jscdss.com
Vol.10 No.6 December 2023: 1-12
Article history:
Accepted 17 December 2023
Published online 17 December 2023

Journal of Soft Computing and Decision Support Systems

E-ISSN: 2289-8603

Unveiling Research Trends: A Decade-long Analysis of Academic Research (2013-2024)

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This work analyzes papers published between 2013 and 2024, as reported by the Scopus database. The examination focuses on my collaborative contributions within this timeframe, exploring the impact and reach of the publications. The study encompasses a comprehensive review of the titles, citation counts, and thematic areas covered by these papers. The dataset enumerates different document types along with their respective frequencies. In total, there are 160 articles, 13 reviews, 3 conference papers, 1 editorial, and 1 letter. In 2023, there were 20 documents, reflecting a sustained level of productivity. The preceding years exhibit fluctuating patterns, with 21 documents in 2022, 14 in 2021, and 17 in 2020. Notably, 2019 marked a peak with 30 documents, indicating a potential spike in research activity. The subsequent years display varied counts, ranging from 21 in 2018 to a minimum of one document in 2013. The list encompasses various academic journals with their corresponding publication frequencies. Notable titles include "Telematics and Informatics" with a frequency of 12, focusing on the intersection of telecommunications and informatics; "Journal of Cleaner Production" (9), dedicated to sustainable and environmentally conscious production processes; "Expert Systems with Applications" (6), exploring applications of intelligent systems; and "Technology in Society" (6), examining the societal impacts of technology. Other journals span diverse fields such as retailing, information technology, operations research, and environmental science, each contributing to the scholarly discourse in its respective domain. The dataset categorizes documents into various subject areas, each associated with the corresponding number of documents. Computer Science emerges as the most prominent subject with 75 documents, followed by Engineering with 58 documents and Business, Management, and Accounting with 43 documents. Social Sciences and Environmental Science also feature prominently with 37 and 24 documents, respectively. Other notable subject areas include Mathematics (18), Energy (17), Medicine (11), Multidisciplinary (10), and Decision Sciences (9). The distribution underscores a diverse range of disciplines, reflecting contributions from fields such as Physics and Astronomy, Biochemistry, Genetics, and Molecular Biology, Materials Science, and Psychology, among others. This comprehensive overview of subject areas provides insights into the multidisciplinary nature of the documents and the diverse academic domains they span. The dataset also presents the number of citations for each corresponding year, offering insights into the impact and visibility of the associated documents. In 2023, there were 2068 citations, indicating a notable increase in recognition and influence. The trend shows fluctuations in citation counts across the years, with 1762 citations in 2022, 1326 in 2021, and 919 in 2020. The lower counts in earlier years, such as 675 in 2019 and 363 in 2018, suggest a gradual increase in citation impact over time. Notably, the dataset reflects a decrease to 75 citations in 2017 and minimal citation counts in 2013 and 2011. The overall pattern suggests a dynamic trajectory in the scholarly impact of the associated documents, possibly influenced by the evolution of research trends and the growing visibility of the respective subject areas.