



# VERIFICATION CERTIFICATE OF PEER REVIEWER CONTRIBUTION

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**DISCOVERY**

This certificate verifies that

**Harjono Padmono Putro**

has completed **1** review in **2021** for

**Journal of Network and Systems Management**

The editors thank you for your valuable contribution.  
Your support is greatly appreciated.



Harjono Padmono Putro <[harjonopputro@unkris.ac.id](mailto:harjonopputro@unkris.ac.id)>

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## [JNSM] Article Review Request

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Prof. Luciano Paschoal via Springer Publishers <[noreply@journalnetworksystemmgn.com](mailto:noreply@journalnetworksystemmgn.com)>  
Balas-Ke: Manu Melek <[manu.melek@springernature.com](mailto:manu.melek@springernature.com)>  
Ke: Harjono Padmono Putro <[harjonopputro@unkris.ac.id](mailto:harjonopputro@unkris.ac.id)>

Rab, 10 Mar 10.59

Dr. Harjono Padmono Putro:

I believe that you would serve as an excellent reviewer of the manuscript, "Building an Intelligent Global IoT Reputation and Malicious Devices Detecting System" which has been submitted to Journal of Network and Systems Management. The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

Please log into the journal web site by 2021-03-16 to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation.

The review itself is due 2021-05-29.

Submission URL: <https://www.springer.com/journal/18918/reviewer/submission?submissionId=168345&reviewId=15391&key=L3LxDH>

Thank you for considering this request.

Manu Melek  
[manu.melek@springernature.com](mailto:manu.melek@springernature.com)

"Building an Intelligent Global IoT Reputation and Malicious Devices Detecting System"

The Internet of Things (IoT) applications are growing immensely. However, malicious IoT devices are major concerns that threaten the security of IoT applications. This paper proposes an intelligent reputation system for IoT devices using edge computing and cloud computing infrastructures. The proposed system can be used to mitigate the effect of malicious and malfunction IoT devices. Therefore, the proposed system can be used to enhance the effectiveness of IoT based systems such as smart cities, and reduce the risk of malicious IoT devices especially in sensitive systems, such as military applications, that leverage IoT devices. To achieve this goal, the paper proposes a new identification method for uniquely and globally identifying IoT devices wherever they move. Moreover, the paper proposes a new approach for computing the reputation of IoT devices, and calculating correct values based on these reputations. The results show that the proposed approach achieves very good results in detecting malicious IoT devices and computing very close values to the true values.

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Journal of Network and Systems Management  
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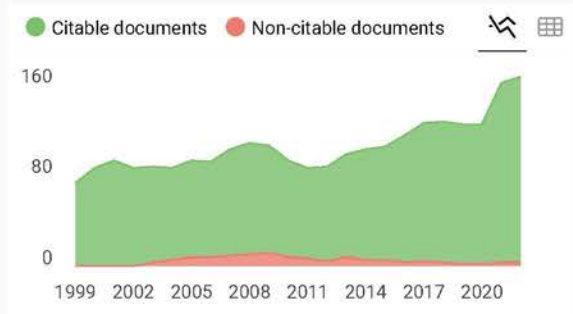
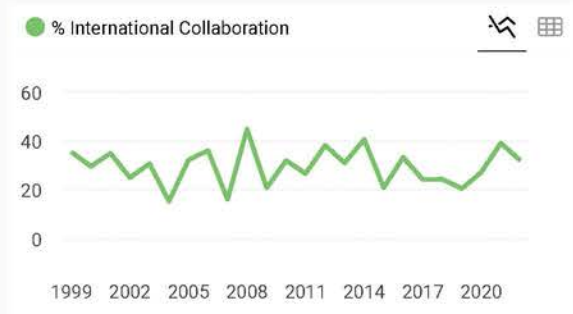
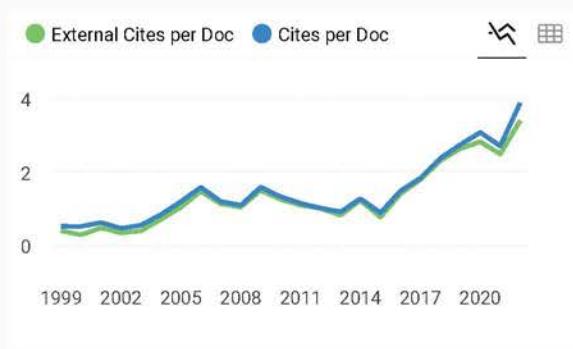
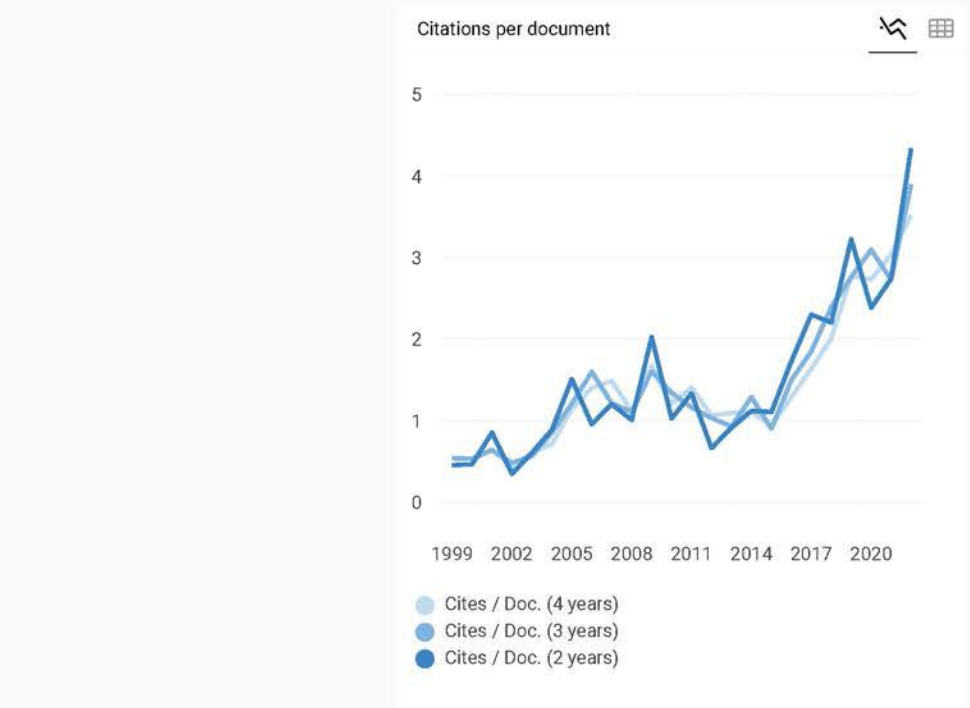
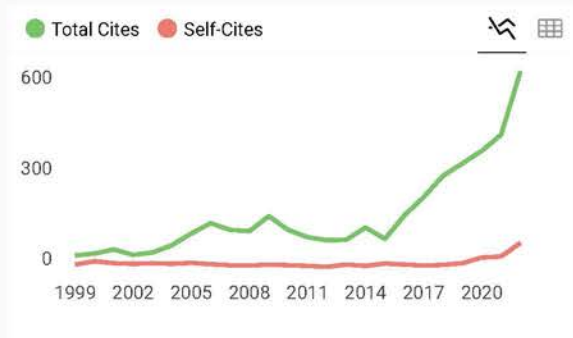
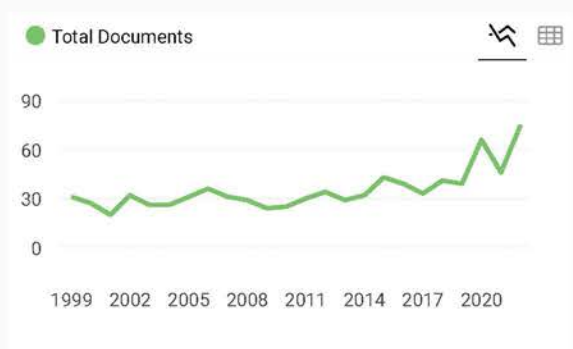
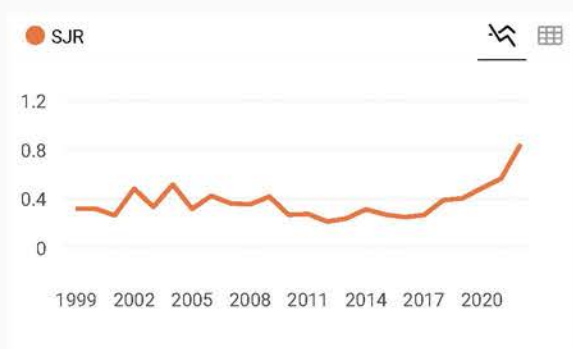
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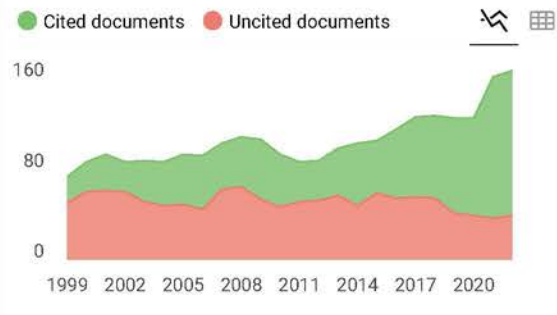
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