RETRACTION NOTE

Retraction Note: Image pattern recognition in big data: taxonomy and open challenges: survey

Saber Zerdoumi[1] · Aznul Qalid Md Sabri[1] · Amirrudin Kamsin[1] ·
Ibrahim Abaker Targio Hashem[2] · Abdullah Gani[1] · Saqib Hakak[1] ·
Mohammed Ali Al-garadi[1] · Victor Chang[3]

Retraction to: Multimedia Tools and Applications (2018) 77:10091–10121
https://doi.org/10.1007/s11042-017-5045-7

The Editor-in-Chief and the publisher have retracted this article. The article was submitted to be part of a guest-edited issue. An investigation by the publisher found a number of articles, including this one, with a number of concerns, including but not limited to compromised editorial handling and peer review process, inappropriate or irrelevant references or not being in scope of the journal or guest-edited issue. Based on the investigation's findings the Editor-in-Chief therefore no longer has confidence in the results and conclusions of this article.

Saber Zerdoumi does not agree to this retraction. Aznul Qalid Md Sabri agrees to this retraction. Abdullah Gani, Amirrudin Kamsin, and Mohammed Ali Al-garadi have not responded to any correspondence from the editor/publisher about this retraction. Ibrahim Abaker Targio Hashem and Victor Chang have not explicitly stated whether they agree to this retraction notice.

Publisher's note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The online version of the original article can be found at https://doi.org/10.1007/s11042-017-5045-7

✉ Aznul Qalid Md Sabri
   aznulqalid@um.edu.my

Extended author information available on the last page of the article

Affiliations

Saber Zerdoumi[1] · **Aznul Qalid Md Sabri**[1] · **Amirrudin Kamsin**[1] · **Ibrahim Abaker Targio Hashem**[2] · **Abdullah Gani**[1] · **Saqib Hakak**[1] · **Mohammed Ali Al-garadi**[1] · **Victor Chang**[3]

Saber Zerdoumi
zerdoumisaber@gmail.com

Amirrudin Kamsin
amir@um.edu.my

Ibrahim Abaker Targio Hashem
targio_123@yahoo.com

Abdullah Gani
abdullah@um.edu.my

Saqib Hakak
saqibhakak@gmail.com

Mohammed Ali Al-garadi
jarade2007@yahoo.com

Victor Chang
ic.victor.chang@gmail.com

[1] Department of Computer Science and Information Technology, University Malaya, Kuala Lumpur, Malaysia

[2] Asia Pacific University of Technology and Innovation Technology Park Malaysia, Kuala Lumpur, Malaysia

[3] Xi'an Jiaotong Liverpool University, Suzhou, China