## RETRACTED ARTICLE: Deep learning system to screen coronavirus disease 2019 pneumonia



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The Editor in Chief has retracted this article (1) because the data published here was previously presented by a different set of authors at arXiv pre-print server (2) and a large amount of text, some figures and tables have been re-used without appropriate citation or acknowledgment. The pre-print has been published (3). Author Benson Babu agrees to this retraction. Authors Charmine Butt, Jagpal Gill and David Chun did not respond to any correspondence regarding this retraction.

- 1) Butt, C., Gill, J., Chun, D. et al. Deep learning system to screen coronavirus disease 2019 pneumonia. Appl Intell (2020). https://doi.org/10.1007/s10489-020-01714-3.
- 2) Xu, X., Jiang, X., Ma, C., Du, P., Li, X., Lv, S., Yu, L., Chen, Y., Su, J., Lang, G., Li, Y., Zhao, H., Xu, K., Ruan, L., Wu, W. Deep Learning System to Screen Coronavirus Disease 2019 Pneumonia. arXiv:2002.09334v1 [physics.med-ph].
- 3) Xu, X., Jiang, X. et al., A Deep Learning System to Screen Novel Coronavirus Disease 2019 Pneumonia, Elsevier, Engineering, 2019. https://www.sciencedirect.com/science/article/pii/S2095809920301636.

**Electronic supplementary material** The online version of this article (https://doi.org/10.1007/s10489-020-01714-3) contains supplementary material, which is available to authorized users.



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