RETRACTED ARTICLE: Deep convolutional neural network-based speech enhancement to improve speech intelligibility and quality for hearing-impaired listeners

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The Editor-in-Chief has retracted this article as it shows significant overlap with publications [1, 2, 3]. None of the authors agree to the retraction. The online version of this article contains the full text of the retracted article as electronic supplementary material.

1. C Tobias Goehring, Federico Bolner, Jessica J.M. Monaghan, Bas van Dijk, Andrzej Zarowski, Stefan Bleeck: "Speech enhancement based on neural networks improves speech intelligibility in noise for cochlear implant users", *Hearing Research* 344, pp. 183-194 (2017), <https://doi.org/10.1016/j.heares.2016.11.012>.
2. Acharya, U. Rajendra and Oh, Shu Lih and Hagiwara, Yuki and Tan, Jen Hong and Adam, Muhammad and Gertych,

Arkadiusz and Tan, Ru San: "A Deep Convolutional Neural Network Model to Classify Heartbeats", *Comput. Biol. Med.* 89 C, pp. 389-396 (2017), <https://doi.org/10.1016/j.combiomed.2017.08.022>.

3. Jessica J. M. Monaghan, Tobias Goehring, and Xin Yang: "Auditory inspired machine learning techniques can improve speech intelligibility and quality for hearing-impaired listeners", *The Journal of the Acoustical Society of America* 141, 1985 (2017); <https://doi.org/10.1121/1.4977197>.

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