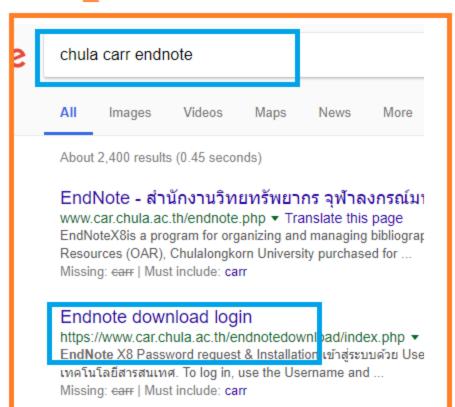
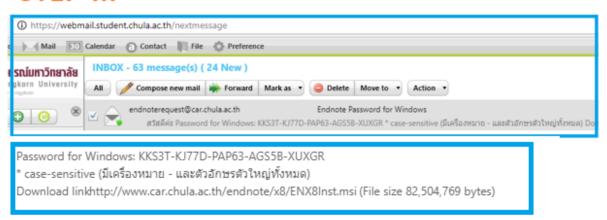
STEP I



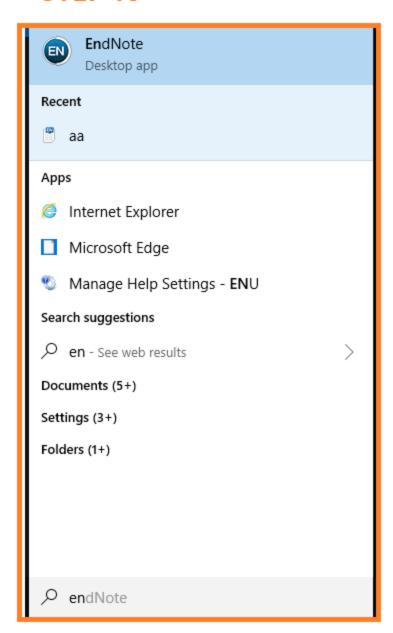
STEP-II



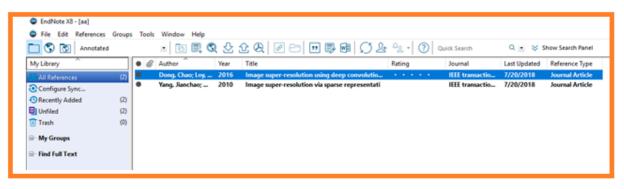
STEP-III



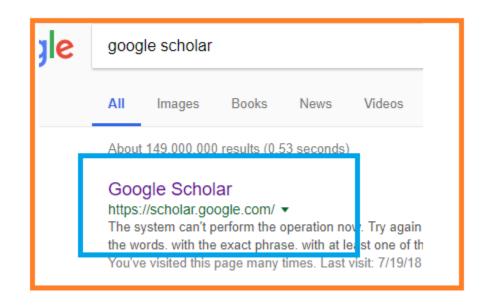
STEP-IV



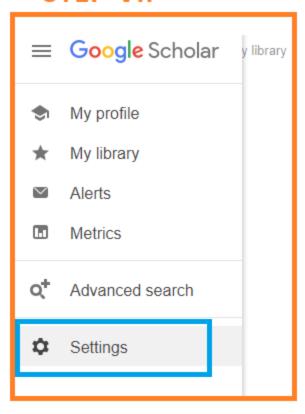
STEP-V



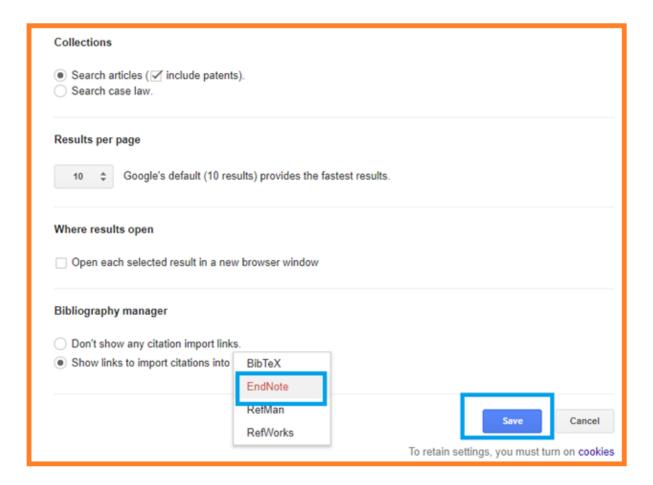
STEP-VI



STEP-VII



STEP-VIII



STEP-IX

Learning a **deep** convolutional network for **image super-resolution**<u>C Dong, CC Loy, K He, X Tang</u> - European conference on computer vision, 2014 - Springer

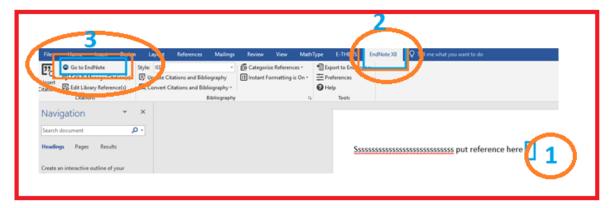
... We propose a **deep** learning method for single **image super- resolution** (SR). Our method directly learns an end-to-end mapping be- tween the low/high-resolution **images**. The mapping is represented as a **deep** convolutional neural network (CNN) [15] that takes the low ...

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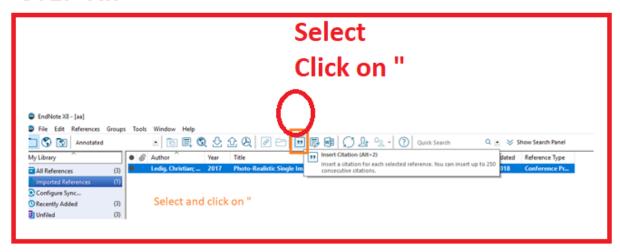
STEP-X



STEP-XI



STEP-XII



STEP-XIII

Sssssssssssssssssssssss put reference here [3]



- J. Yang, J. Wright, T. S. Huang, and Y. Ma, "Image super-resolution via sparse representation," IEEE transactions on image processing, vol. 19, no. 11, pp. 2861-2873, 2010.
- [2] C. Dong, C. C. Loy, K. He, and X. Tang, "Image super-resolution using deep convolutional networks," *IEEE transactions on pattern analysis and machine intelligence*, vol. 38, no. 2, pp. 295-307, 2016.
- [3] C. Ledig et al., "Photo-Realistic Single Image Super-Resolution Using a Generative Adversarial Network," in CVPR, 2017, vol. 2, no. 3, p. 4.