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Authors: Ning Wang, Ye Pan, Shikai Wu, Enming Zhang,

Weiji Dai

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## ACCEPTED MANUSCRIPT

# Rapid synthesis of rutile $TiO_2$ nano-flowers by dealloying $Cu_{60}Ti_{30}Y_{10}$ metallic glasses

Ning Wang, Ye Pan \*, Shikai Wu, Enming Zhang, Weiji Dai

School of Materials Science and Engineering, Southeast University, Jiangsu Key Laboratory for

Advanced Metallic Materials, Nanjing 211189, PR China

\*Corresponding author. Tel./fax: +86 25 52090681.

E-mail address: panye@seu.edu.cn (Y. Pan).

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