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Authors: Yongjin Mai, Hongjie Ling, Fuxian Chen, Cansen Liu, Liuyan Zhang, Xiaohua Jie



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Electrochemically reduced graphene oxide nanosheet coatings as solid lubricants in humid air

Yongjin Mai^a, Hongjie Ling^a, Fuxian Chen^a, Cansen Liu^a,

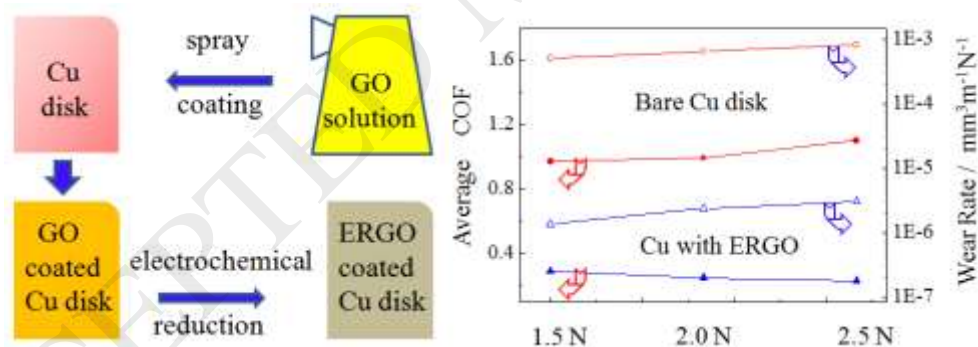
Liuyan Zhang^a, Xiaohua Jie^a *

^aSchool of Materials and Energy, Guangdong University of Technology, Guangzhou 510006, China

* Corresponding author: Tel.: +86-20-39322570; Fax: +86-20-39322570.

E-mail address: cnxyyz3@gdut.edu.cn

Graphical abstract



The feasibility of utilizing electrochemically reduced graphene oxide coatings to reduce copper's friction and wear at macro scale is demonstrated.

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