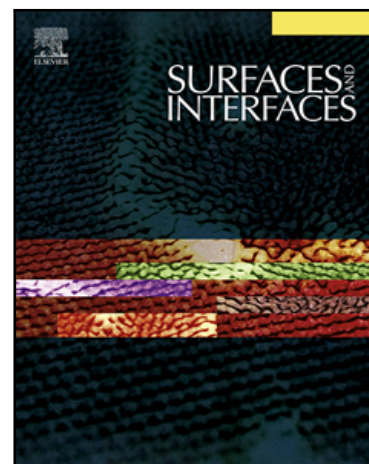


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Study of Erosive Surface characterization of copper alloys under different test conditions

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**Highlights**

- Impact velocity, impact angle, erodent size and stand-off distance effects considerably on erosion of copper alloy.
- The morphological characterization provides the wear mechanisms of copper alloys.
- The roughnesses of the eroded surface ensure the level of damage propagated through the striking zone.
- Chemical composition and its variation are obtained by EDX analysis.
- The obtained results can be used in machine design and future researches.

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