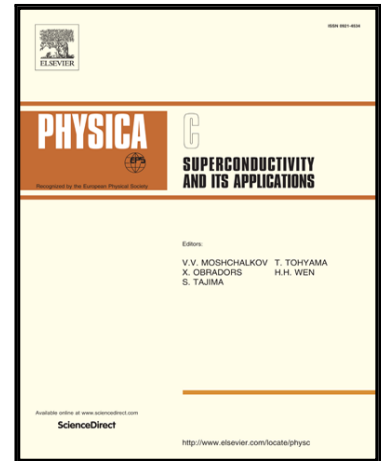


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The magnetoresistance of YBCO/BZO composite superconductors

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**Highlights**

- Limited addition of BZO in YBCO shows low resistive tailing behavior.
- Limited addition of BZO in YBCO increases the activation energy of flux lines.
- Vortex glass transition temperature increases with the limited addition of BZO.
- Significant enhancement of  $H_{c2}(0)$  is observed up to 4% BZO addition.

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