

**Publications (student co-authors underlined)**

1. Y. Gao, S. Sun, Y. Li, and V. Selvamanickam, "Strong cube-textured titanium nitride conductive films directly on flexible metal substrate" *Thin Solid Films* (in review)
2. G. Majkic, J. S. Jeong, H. Yun, F. Robles Hernandez, E. Galstyan, R. Pratap, H. Cheng, A. Stokes, K. A. Mkhoyan, and V. Selvamanickam, "New Insight into Strain and Composition of BaZrO<sub>3</sub> Nanorods in REBCO Superconductor" *Supercond. Sci. Technol.* (in review)
3. M. Paidpilli, K. Boyina, E. Galstyan, G. Majkic, and V. Selvamanickam, "Development of 4.0  $\mu\text{m}$  Thick Film REBCO Tapes with length over 10 m by Ohmic Heating Technique" *MRS Advances* (in review)
4. B. Yu, C. Favela, S. Sun, S. Sharma, C. Zhang, T. Terlier, J. Chen and V. Selvamanickam "Flexible polycrystalline Silicon Thin Film Transistor on metal foil with source/drain area doped by diffusion" *IEEE Electron Device Lett.* doi: 10.1109/TED.2021.3092309 (2021).
5. M. Paidpilli, R. Pratap, M. Kochat, E. Galstyan, C. Goel, G. Majkic, and V. Selvamanickam, "Growth of High-Performance 4-5 $\mu\text{m}$  Thick Film REBCO Tapes Doped with Hafnium Using Advanced MOCVD", *IEEE Trans. Appl. Supercond.* **31**, 6600405 (2021).
6. E. Galstyan, R. Pratap, M. Paidpilli, G. Majkic, M. Kochat, and V. Selvamanickam, "Pinning characteristics of Zr, Hf-added REBCO Coated Conductors made by Advanced MOCVD in high magnetic fields", *IEEE Trans. Appl. Supercond.* **31**, 8000405 (2021).
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9. G. Majkic, R. Pratap, M. Paidpilli, E. Galstyan, M. Kochat, C. Goel, S. Kar, J. Jaroszynski, D. Abraimov, and V. Selvamanickam, "In-Field Critical Current Performance of 4.0  $\mu\text{m}$  Thick Film REBCO Conductor with Hf Addition at 4.2 K and Fields up to 31.2 T", *Supercond. Sci. Technol.* **33**, 07LT03 (2020).
10. S. Kar, J. sai Sandra, W. Luo, V. Yerraguravagari, E. Galstyan, J. Jaroszynski, D. Abraimov, G. Majkic, V. Selvamanickam, "Progress in scale-up of REBCO STAR<sup>TM</sup> wire for canted cosine theta coils and future strategies with enhanced flexibility", *Supercond. Sci. Technol.* **33**, 094001 (2020).
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#### **BOOK CHAPTER**

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