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Bio

LINKS

- My personal website: richiehalford.org

Publications

PUBLICATIONS

- **QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data.** *Nature methods*
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- **Evaluating the Reliability of Human Brain White Matter Tractometry.** *Aperture neuro*
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- **A browser-based tool for visualization and analysis of diffusion MRI data** *NATURE COMMUNICATIONS*
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- **Classification of magnetic inhomogeneities and 0- π transitions in superconducting-magnetic hybrid structures (vol 94, 104518, 2016)** *PHYSICAL REVIEW B*
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- **MADNESS: A MULTIREOLUTION, ADAPTIVE NUMERICAL ENVIRONMENT FOR SCIENTIFIC SIMULATION** *SIAM JOURNAL ON SCIENTIFIC COMPUTING*
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- **Long range triplet Josephson current and 0- π transitions in tunable domain walls** *NEW JOURNAL OF PHYSICS*
Baker, T. E., Richie-Halford, A., Bill, A.
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- **Cascading proximity effects in rotating magnetizations** *EPL*
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- **Classical Mechanical Analogies in Wide Dirty SFS Junctions**

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- **Properties of Magnetic-Superconducting Proximity Systems**

Bill, A., de Rojas, J., Baker, T. E., Richie-Halford, A.

SPRINGER.2012: 2177-2182

- **Space-time localization of inner heliospheric plasma turbulence using multiple spacecraft radio links** *SPACE WEATHER-THE INTERNATIONAL JOURNAL OF RESEARCH AND APPLICATIONS*

Richie-Halford, A. C., Jess, L., Tortora, P., Armstrong, J. W., Asmar, S. W., Woo, R., Habbal, S., Morgan, H.

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