

List of Publications of Arunava Chakrabarti
(in refereed journals, till November 2020)

I-10 index: 38

[78] Localization, transport and edge states in a two-strand ladder network in an aperiodically staggered magnetic field – Sk Sajid and **Arunava Chakrabarti**, **Phys. Rev. B** **102**, 134401 (2020).

Impact Factor: 3.575, ISSN:2469-9950

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[75] Spin selective Aharonov-Casher caging in a topological quantum network – A. Mukherjee, R. A. Roemer and **Arunava Chakrabarti**, **Phys. Rev. B** **100**, 161108 (2019).

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[74] Spin polarized localization in a magnetic chain – L. benini, A. Mukherjee, **Arunava Chakrabarti** and R. A. Roemer, **Scientific Reports** **9**, 5930 (2019).

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[73] Flux-driven and geometry-controlled spin filtering for arbitrary spins in aperiodic quantum networks, Amrita Mukherjee, **Arunava Chakrabarti**, and Rudolf A. Roemer, **Phys. Rev. B** **98**, 075415 (2018).

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[68] Tight binding chains with off – diagonal disorder: bands of extended electronic states induced by minimal quasi-one dimensionality – Atanu nandy, Biplab Pal and **Arunava Chakrabarti**, **Europhys. Lett.** **115**, 37004 (2016).

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[44] Electronic transport in an anisotropic Sierpinski gasket - S. Jana, **Arunava Chakrabarti** and S. Chattopadhyay, **Physica B** 405, 3735 (2010).

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[43] Electronic transmission in bent quantum wires - **Arunava Chakrabarti**, **Physica E** 42, 1963 (2010).

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[36] Extended electron states and magneto-transport in a 3-simplex fractal- **Arunava Chakrabarti**, *Phys. Rev. B* **72**, 134207 (2005).

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[35] Unusual modes and photonic gaps in a Vicsek waveguide network - Sheelan Sengupta

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The above information is true to the best of my knowledge.

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