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### ACCEPTED MANUSCRIPT

# Exploring the Potential of Boron-doped Nanographene as Efficient Charge Transport and Nonlinear Optical Material: A First-Principles Study

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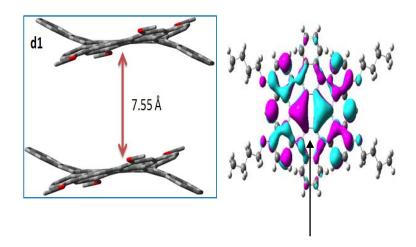
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#### Graphical abstract



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