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Correction

Correction: Poljak, M.; Matić, M. Metallization-Induced Quantum Limits of Contact Resistance in Graphene Nanoribbons with One-Dimensional Contacts. *Materials* 2021, *14*, 3670

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The authors regret that the results presented in Figures 3c,d and 6c,d in our published paper [1] contain errors. Namely, in the calculations of resistances, we incorrectly used the reduced Planck's constant instead of Planck's constant, which led to resistances being lower by a factor of 2π than the correct values. Hereafter, we provide correct versions of Figures 3 and 6.

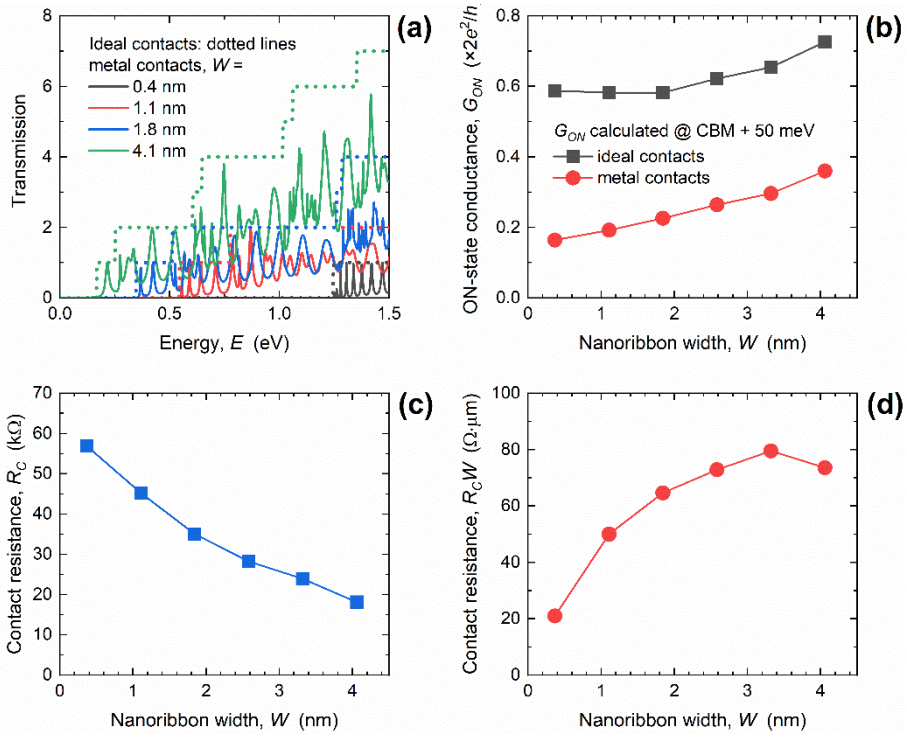

Figure 3. (**a**) Width-dependent transmission in GNRs with ICs and MCs. Impact of GNR width downscaling on (**b**) ON-state conductance, (**c**) contact resistance, and (**d**) width-normalized contact resistance. In all cases, L = 15.2 nm.

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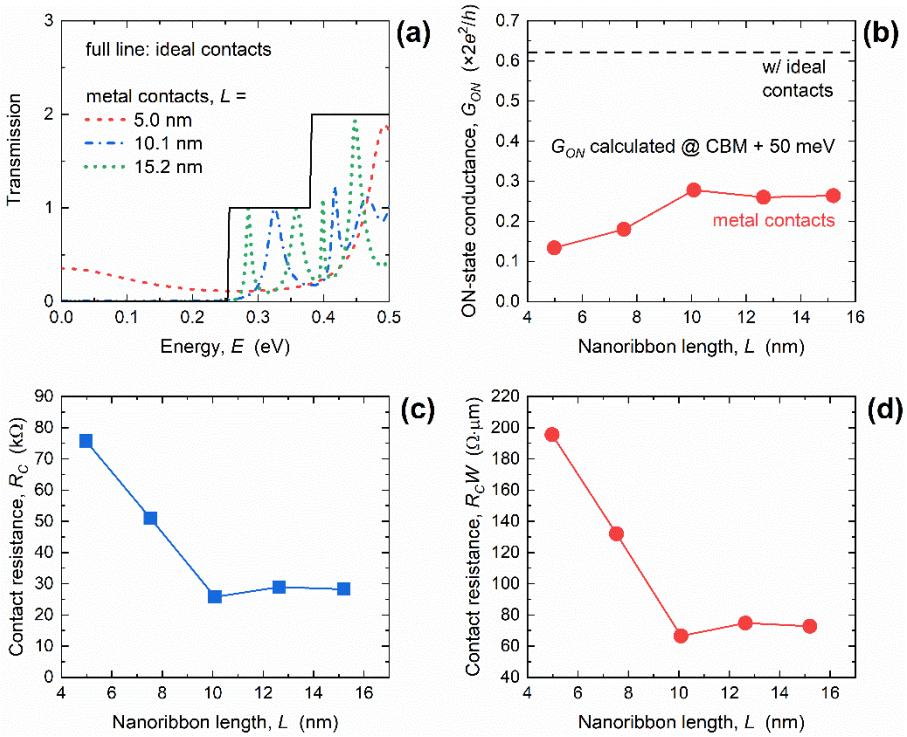

Figure 6. (**a**) Length-dependent transmission in GNRs with ICs and MCs. Impact of length scaling on (**b**) ON-state conductance, (**c**) contact resistance, and (**d**) width-normalized contact resistance. In all cases, W = 2.6 nm.

At several points in the text where the numerical values of R_C and R_CW are mentioned, corrections need to be completed according to the corrected R_C and R_CW data provided in Figures 3 and 6. Nevertheless, the general conclusions of the original paper regarding metallization effects, lower limits of acceptable GNR lengths, qualitative R_C and R_CW behavior, and the main finding that R_C in GNRs with 1D edge contacts can be adjusted by size engineering to levels lower than those of large-area graphene devices, still hold.

The authors would like to apologize for any inconvenience caused to the readers by these changes. The manuscript will be updated, and the original will remain online on the article webpage.

Reference

1. Poljak, M.; Matić, M. Metallization-Induced Quantum Limits of Contact Resistance in Graphene Nanoribbons with One-Dimensional Contacts. *Materials* **2021**, *14*, 3670. [CrossRef] [PubMed]