Accepted Manuscript

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 PII:
 S0022-0248(18)30484-6

 DOI:
 https://doi.org/10.1016/j.jcrysgro.2018.09.047

 Reference:
 CRYS 24771

To appear in: *Journal of Crystal Growth*



Please cite this article as: S. Ni, D. Wang, F. Guo, S. Jiao, Y. Zhang, J. Wang, B. Wang, L. Yuan, L. Zhang, L. Zhao, Efficiency improvement of TiO₂ nanowire arrays based dye-sensitized solar cells through further enhancing the specific surface area, *Journal of Crystal Growth* (2018), doi: https://doi.org/10.1016/j.jcrysgro.2018.09.047

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ACCEPTED MANUSCRIPT

Efficiency improvement of TiO_2 nanowire arrays based dye-sensitized solar cells through further enhancing the specific surface area

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KEYWORDS: A1.Nanostructures; A1.Surface structure; A1.Surface processes; B1.Oxides; B2.Semiconducting materials; B3.Solar cells

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