

## Subdivision 8, Publications 2018 – 2020

Creation date: 25/02/2021

### Articles in journals

- 1) **He, R.**, Zhu, T., Wang, Y., **Wolff, U.**, Jaud, J.-C., **Sotnikov, A.**, **Potapov, P.**, **Wolf, D.**, **Ying, P.**, Wood, M., **Liu, Z.**, **Feng, L.**, **Perez Rodriguez, N.**, Snyder, G.J., Grossman, J.C., **Niensch, K.**, **Schierning, G.**, Unveiling the phonon scattering mechanisms in half-Heusler thermoelectric compounds, *Energy and Environmental Science* 12 13 (2020), S. 5165-5176  
<https://pubs.rsc.org/en/content/articlelanding/2020/ee/d0ee03014g#!divAbstract>.
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- 11) Krause, A., Langklotz, U., Pohl, D., Tkacheva, O., **Pohl, D.**, **Niensch, K.**, Mikolajick, T., Weber, W., Surface related differences between uncoated versus carbon-coated silicon nanowire

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#### Editorship of edited volumes

- 1) **He, R.**, Zhu, H., Chen, S., Half-Heusler thermoelectrics in: *Novel Thermoelectric Materials and Device Design Concepts* (2019)  
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#### Individual contributions to edited volumes

- 1) Linseis, V., Völklein, F., **Reith, H., Nielsch, K.**, Woias, P., Thermoelectric properties of Au and Ti nanofilms, characterized with a novel measurement platform, *Materials Today: Proceedings* 8, Part. 2 (2019), S. 517-522 <https://doi.org/10.1016/j.matpr.2019.02.048>.
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- 3) **Li, G., Garcia Fernandez, J., Sieger, T., Schnatmann, L., Lara Ramos, D., Barati, V., Perez Rodriguez, N., Reith, H., Schierning, G., Nielsch, K.**, Compact Telluride films prepared by electrochemical deposition and their applications for integrated micro-thermoelectric devices (2018).
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