

istic pseudopotential calculations show good agreement with

ORCID 

 0000-0003-2200-0000

Notes

The authors declare no competing financial interest.

■ ACKNOWLEDGMENTS

The authors thank M. Zhang and T. Chulapakorn for the help with sample preparation. Financial support from the Swedish Research Council (VR) through an individual contract (VR 2015-04064) and through a Linné Grant (ADOPT) and from the Göran Gustafssons Foundation is gratefully acknowledged. J.W.L. was supported by the National Young 1000 Talents Plan and the National Science Foundation of China (NSFC Grant 61474116). Work of A.Z. was supported by Department of Energy, Office of Science, Basic Energy Science, MSE division under Grant DE-FG02-13ER46959 to CU Boulder.

■ REFERENCES

- (1) Richter, A.; Hermle, M.; Glunz, S. W. *IEEE J. Photovolt.* 2013, 3, 1184–1191.
- (2) Hu, L.; Chen, G. *Nano Lett.* 2007, 7, 3249–3252.
- (3) Kovalev, D.; Heckler, H.; Ben-Chorin, M.; Polisski, G.; Schwartzkopff, M.; Koch, F. *Phys. Rev. Lett.* 1998, 81, 2803–2806.
- (4) Di, D.; Xu, H.; Perez-Wurfl, I.; Green, M. A.; Conibeer, G. *Prog. Photovoltaics* 2011, 21, 569–577.
- (5) Schnabel, M.; Canino, M.; Schillinger, K.; Löper, P.; Summonte, C.; Wilshaw, P. R.; Janz, S. *Prog. Photovoltaics* 2016, 24, 1165–1177.
- (6) Luo, J.-W.; Stradins, P.; Zunger, A. *Energy Environ. Sci.* 2011, 4, 2546–2557.
- (7) Yu, Y.; Bosoy, C. A.; Hessel, C. M.; Smilgies, D.-M.; Korgel, B. A. *ChemPhysChem* 2013, 14, 84–87.