

Radosław Szymon

Lista publikacji

1. Szymon, R., Zielony, E., Sobanska, M., Stachurski, T., Reszka, A., Gieraltowska, S., Wierzbicka, A., & Zytkeiwicz, Z. R. (2024). Enhancing GaN Nanowires Performance Through Partial Coverage with Oxide Shells. *Small*, 2401139, doi.org/10.1002/sml.202401139
2. Szymon, R., Zielony, E., Lysak, A., & Pietrzyk, M.A. (2023) Influence of the type of interlayer on current transport mechanisms and defects in n-ZnO/ZnCdO/p-Si and n-ZnCdO/ZnO/p-Si heterojunctions grown by molecular beam epitaxy, *J. Alloys Compd.* 951, 169859, doi.org/10.1016/j.jallcom.2023.169859
3. Zielony, E., Szymon, R., Wierzbicka, A., Reszka, A., Sobanska, M., Pervez, W., & Zytkeiwicz, Z.R. (2022). Strain and lattice vibration mechanisms in GaN-Al_xGa_{1-x}N nanowire structures on Si substrate. *Appl. Surf. Sci.*, 588, 152901, doi.org/10.1016/j.apsusc.2022.152901
4. Zielony, E., Wierzbicka, A., Szymon, R., Pietrzyk, M. A., & Placzek-Popko, E. (2021). Investigation of micro-strain in ZnO/(Cd,Zn)O multiple quantum well nanowires grown on Si by MBE. *Appl. Surf. Sci.*, 538, 14806, doi.org/10.1016/j.apsusc.2020.148061
5. Pietrzyk, M. A., Wierzbicka, A., Zielony, E., Pieniazek, A., Szymon, R., & Placzek-Popko, E. (2020). Fundamental studies of ZnO nanowires with ZnCdO/ZnO multiple quantum wells grown for tunable light emitters. *Sens. Actuators A: Phys.*, 315, 112305, doi.org/10.1016/j.sna.2020.112305