

LIST OF JOURNAL PAPERS 2024

1. Zeyu Chi, Se-Rim Park, Luka Burdiladze, Tamar Tchelidze, Jean-Michel Chauveau, Yves Dumont, Sang-Mo Koo, Zurab Kushitashvili, Amiran Bibilashvili, Gérard Guillot, Amador Pérez-Tomás, Xin-Ying Tsai, Fu-Gow Tarntair, Ray Hua Horng, Ekaterine Chikoidze
“Anderson disorder related p-type conductivity and metal-insulator transition in β -Ga₂O₃”
Materials Today Physics, vol. 49, December 2024, 101602
[DOI: 10.1016/j.mtphys.2024.101602](https://doi.org/10.1016/j.mtphys.2024.101602)
2. Solé R., Ferrer C., Aviñó-Salvadó O., Jordà X., Perpiñà X.
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IEEE Transactions on Instrumentation and Measurement, 1006711, 2024.
[DOI: 10.1109/TIM.2024.3441016](https://doi.org/10.1109/TIM.2024.3441016)
3. Lopez Paz, I.; Fleta, C.; Rafí, J.M.; Rius, G.; Godignon, P.; Pellegrini, G.; Mena, S.; Jimenez, M.; Henao, A.; Bravo, J.; Boer, R.; Molas, B.; Guardiola, C.
“Characterisation of SiC radiation detector technologies with synchrotron X-rays”
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4. Merino, J.P.; Brosel-Oliu, S.; Rius, G.; Illa, X.; Sulleiro, M.V.; Del Corro, E.; Masvidal-Codina, E.; Bonaccini Calia, A.; Garrido, J.A.; Villa, R.; Guimerà-Brunet, A.; Prato, M.; Criado, A.; Prats-A.
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[DOI: 10.1021/acssuschemeng.4c01538](https://doi.org/10.1021/acssuschemeng.4c01538)
5. Avino-Salvado, O.; Buttay, C.; Bonet, F.; Raynaud, C.; Bevilacqua, P.; Rebollo, J.; Morel, H.; Perpina, X.
“Physics-Based Strategies for Fast TDDb Testing and Lifetime Estimation in SiC Power MOSFETs”
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[DOI: 10.1109/TIE.2023.3281705](https://doi.org/10.1109/TIE.2023.3281705)
6. Lopez Paz, I.; Godignon, P.; Moffat, N.; Pellegrini, G.; Rafí, J.M.; Rius, G.
“Position-resolved charge collection of silicon carbide detectors with an epitaxially-grown graphene layer”
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7. García-Serrano, A.; Cea, P.; Osorio, H.M.; Pérez-Murano, F.; Rius, G.;
“Low, P.J.; Martin, S Robust large area molecular junctions based on transparent and flexible electrodes”
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