

LIST OF JOURNAL PAPERS 2021

1- Vales-Castro, P., Vellvehi, M., Perpina, X., Caicedo, JM., Jorda, X., Faye, R., Roleder, K., Kajewski, D., Perez-Tomas, A., Defay, E., Catalan, G.

“DIRECT VISUALIZATION OF ANTI-FERROELECTRIC SWITCHING DYNAMICS VIA ELECTROCALORIC IMAGING”

ADVANCED ELECTRONIC MATERIALS, vol. 7, 2100380, 2021

[DOI:10.1002/aelm.202100380](https://doi.org/10.1002/aelm.202100380)

2- Alfieri, G., Mihaila, A., Godignon, P., Varley, J.B., Vines, L.

“DEEP LEVEL STUDY OF CHLORINE-BASED DRY ETCHED β - Ga₂O₃”

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[DOI: 10.1063/5.0050416](https://doi.org/10.1063/5.0050416)

3- Masvidal-Codina, E., Smith, T.M., Rathore, D., Gao, Y., Illa, X., Prats-Alfonso, E., Corro, E.D., Calia, A.B., Rius, G., Martin-Fernandez, I., Guger, C., Reitner, P., Villa, R., Garrido, J.A., Guimera-Brunet, A., Wykes, R.C.

“CHARACTERIZATION OF OPTOGENETICALLY-INDUCED CORTICAL SPREADING DEPRESSION IN AWAKE MICE USING GRAPHENE MICRO-TRANSISTOR ARRAYS”.

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4- Vales-Castro, P., Faye, R., Vellvehi, M., Nouchokgwe, Y, Perpiñà, X., Caicedo, M., Jordà, X., Roleder, K., Kajewski, D., Perez-Tomas, A., Defay, E., Catalan, G.

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5- Pascu, R., Pristavu, G., Brezeanu, G., Draghici, F., Godignon, P., Romanitan, C., Serbanescu, M., Tulbure, A.

“60–700 K CTAT AND PTAT TEMPERATURE SENSORS WITH 4H-SiC SCHOTTKY DIODES”

SENSORS, vol. 21, 942, 2021

[DOI:10.3390/s21030942](https://doi.org/10.3390/s21030942)

6- Wiehe, M., Fernández García, M., Hidalgo, S., Moll, M., Otero, S., Parzefall, U., Pellegrini, G., Ventura, A., Vila, I.

“STUDY OF THE RADIATION-INDUCED DAMAGE MECHANISM IN PROTON IRRADIATED LOW GAIN AVALANCHE DETECTORS AND ITS THERMAL ANNEALING DEPENDENCE”

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7- Altet, J., Barajas, E., Mateo, D., Billong, A., Aragonés, X., Perpiñà, X., Reverter, F.

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8- Vellvehi, M., Perpina, X., Leon, J., Avino-Salvado, O., Ferrer, C., Jorda, X., Local

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9- Soler, V., Cabello, M., Banu, V., Jordà, X., Montserrat, J., Rebollo, J., Rogina, M.R., Mihaila, A., Godignon, P.

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10- Sort, J.Rius, G.

“EDITORIAL FOR THE SPECIAL ISSUE ON "10TH ANNIVERSARY OF NANOMATERIALS - RECENT ADVANCES IN NANOCOMPOSITE THIN FILMS AND 2D MATERIALS"

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