

LIST OF JOURNAL PAPERS 2019

- 1 - Matallana, A., Ibarra, E., López, I., Andreu, J., Garate, J.I., Jordà, X., Rebollo, J.
“POWER MODULE ELECTRONICS IN HEV/EV APPLICATIONS: NEW TRENDS IN WIDE BAN-DGAP SEMICONDUCTOR TECHNOLOGIES AND DESIGN ASPECTS”
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[DOI: 10.1016/j.rser.2019.109264](https://doi.org/10.1016/j.rser.2019.109264)
- 2 - Carulla, M.; Doblas A.; Flores, D.; Galloway, Z.; Hidalgo, S.; Kramberger, G.; Luce, Z.; Mandic, I.; Mazza, S.; Merlos, A.; Pellegrini, G.; Quirion, D.; Rodríguez, R.; Sadrozinski, H.F.-W.; Seiden, A.; Zhao, Y.
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[DOI: 10.1016/j.nima.2018.08.041](https://doi.org/10.1016/j.nima.2018.08.041)
- 3 - Rodríguez-Rodríguez, R.; Miralpeix, C.; Fosch, A.; Pozo, M.; Calderón-Domínguez, M.; Perpiñà, X.
“CPT1C IN THE VENTROMEDIAL NUCLEUS OF THE HYPOTHALAMUS IS NECESSARY FOR BROWN FAT THERMOGENESIS ACTIVATION IN OBESITY”.
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- 4 - Perpiñà, X.; Reverter, F.; León, J.; Barajas, E.; Vellvehi, M.; Jordà, X.; Altet, J.
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[DOI: 10.1109/TIM.2018.2871289](https://doi.org/10.1109/TIM.2018.2871289)
- 5 - Fernández, M.; Perpiñà, X.; Rebollo, J.; Vellvehi, M.; Sanchez, D.; Cabeza, T.; Llorente, S.; Jordà, X.
“SOLID-STATE RELAY SOLUTIONS FOR INDUCTION COOKING APPLICATIONS BASED ON ADVANCED POWER SEMICONDUCTOR DEVICES”.
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[DOI: 10.1109/TIE.2018.2838093](https://doi.org/10.1109/TIE.2018.2838093)
- 6 - Currás, E.; Duarte-Campderrós, J.; Fernández, M.; García, A.; Gómez, G.; González, J.; Jaramillo, R.; Moya, D.; Vila, I.; Hidalgo, S.; Manna, M.; Pellegrini, G.; Quirion, D.; Pitzl, D.; Ebrahimi, A.; Rohe, T.; Wiederkehr, S.
“STUDY OF SMALL-CELL 3D SILICON PIXEL DETECTORS FOR THE HIGH LUMINOSITY LHC”.
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- 7 - Perpiñà, X.; Vellvehi, M.; Werkhoven, R.J.; Jakovenko, J.; Kunen, J.M.G.; Bancken, P.; Bolt, P.J.; Jordà, X.

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9 - Cabello, M.; Soler, V.; Knoll, L.; Montserrat, J.; Rebollo, J.; Mihaila, A.; Godignon, P.

“COMPARATIVE STUDY OF BORON DOPED GATE OXIDE IMPACT ON 4H AND 6H-SiC n-MOSFETs”.

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11 - V. Banu, J. Montserrat, X. Jordà, P. Godignon.

“ELECTRO-OPTICAL METHOD FOR SURFACE RECOMBINATION EVALUATION IN SILICON CARBIDE BIPOLAR JUNCTION TRANSISTORS”.

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