

**PUBLICACIONES DERIVADAS DE LAS TESIS DEFENDIDAS EN EL PROGRAMA DE
DOCTORADO EN TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES EN EL
AÑO 2021**

VEHICLE KEYPOINT DETECTION AND FINE-GRAINED CLASSIFICATION USING DEEP LEARNING

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Fecha de defensa 30/11/2021

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Ignacio and Corrales, Hector and Izquierdo, Rubén and Ballardini, Augusto Luis and Salinas, Carlota and Garcia, Ivan, Expert Systems with Applications (ISSN: 0957-4174), Vol. 177, pages 114906-114915.

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2020 3D-DEEP: 3-Dimensional Deep-learning based on elevation patterns for road scene interpretation, Hernández, ´ Alvaro and Woo, Seongyoun and Corrales, Héctor and Parra, Ignacio and Kim, Euntai and Fernández-Llorca, David and Sotelo, Miguel ´ Angel, 2020 IEEE Intelligent Vehicles Symposium (IV), Las Vegas (United States).

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Autor/a Paricio Garcia, Alvaro

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AGRUPACIONES DE ANTENAS Y MODELADO ELECTROMAGNÉTICO DE BLANCOS PARA LA
MEJORA DE LAS PRESTACIONES DE LOS RADARES PASIVOS

Autor/a Rosado Sanz, Javier

Fecha de defensa 06/09/2021

Design and Validation of a Rectarray Antenna with Optimized Beam for Ground Targets Monitoring with a DVB-S based Passive Radar. Au-thors: Javier Rosado-Sanz, M. Pilar Jarabo-Amores, Jean-Yves Dauvignac, David Mata-Moya, Jérôme Lanteri, Claire Migliaccio; Sensor (MDPI), Delivered June 2021. (Journal citation report (JCR) impact factor: 3.275 (Quartile Q1)).

Broadband modified-circle-shape patch antenna with H-aperture feed-ing for a passive radar array [149]. Authors: Javier Rosado-Sanz, Maria-Pilar Jarabo-Amores, David Mata-Moya, Pedro-Jose Gómez-del-Hoyo, Nerea Del-Rey-Maestre; Aerospace Science and Technology (Elsevier), Vol. 110, March 2021 (Journal citation report (JCR) impact factor: 4.499 (Quartile Q1)).

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High Gain Sectorial Beam Rectarray Design for DVB-S Passive Radar through Multi-Beam Optimization. Authors: J. Rosado-Sanz, M. P. Jarabo-Amores, D. Mata-Moya, J. Y. Dauvignac, J. Lanteri and C. Migliaccio; 2020 23rd International Microwave and Radar Conference (MIKON), 2020, pp. 361-366,(DOI: 10.23919/MIKON48703.2020.9253846) 5-7 Oct. 2020.

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COMPUTATIONALLY CONSTRAINED SOUND EVENT DETECTION IN SMART CITIES

Autor/a Garcia Gomez, Joaquin

Fecha de defensa 07/06/2021

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Autor/a Lopez Pajares, Diego

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EFFECTIVE NEURO-EVOLUTIONARY SCHEMES FOR SOLAR RADIATION ESTIMATION PROBLEMS

Autor/a Aybar Ruiz, Adrian

Fecha de defensa 27/05/2021

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