

**Ana Garcia Armada - Journal papers (updated May 2017)**

Authors: Víctor P. Gil Jiménez, Alejandro Lancho Serrano, Borja Genovés Guzmán, Ana García Armada

Title: Learning Mobile Communications Standards through Flexible Software Defined Radio Base Stations

Journal: IEEE Communications Magazine  
In press

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Authors: M. Sánchez-Fernández, A. Tulino, J. Llorca, E. Rajo, A. García Armada

Title: [Blended Antenna Wearables for an Unconstrained Mobile Experience](#)

Journal: IEEE Communications Magazine  
In press

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Authors: Víctor P. Gil Jimenez, Ana García Armada, Francisco Hernando Gallego, Sidney González Pizarro

Title: [Novel Orthogonal Multi-sequences for an efficient jamming on the UMTS signal](#)

Journal: EURASIP Journal on Wireless Communications and Networking  
Vol: 2016 (DOI 10.1186/s13638-016-0770-6) , pp. 1 - 8 November 2016

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Authors: Alejandro de la Fuente, Raquel Pérez Leal, Ana García Armada

Title: [New technologies and trends for next generation mobile broadcasting services](#)

Journal: IEEE Communications Magazine  
Vol: 54, no. 11 , pp. 217 - 223 November 2016

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Authors: Roberto Corvaja, Ana García Armada

Title: [Phase Noise Degradation in Massive MIMO Downlink with Zero-forcing and Maximum Ratio Transmission Pre-coding](#)

Journal: IEEE Transactions on Vehicular Technology  
Vol: 65, no.10 , pp. 8052- 8059 October 2016

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Authors: M. Morales-Céspedes, J. Plata-Chaves, D. Toumpakaris, S. A. Jafar, A. García-Armada

Title: [Blind Interference Alignment for Cellular Networks](#)

Journal: IEEE Transactions on Signal Processing  
Vol: 63, no.1 , pp. 41 - 56 January 2015

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Authors: J.J. Escudero-Garzás, M. Hong, A. García, A. García-Armada

Title: [Interference Pricing Mechanism for Downlink Multicell Coordinated Beamforming](#)

Journal: IEEE Transactions on Communications  
Vol: 62, no.6 , pp. 1871 - 1883      June 2014

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Authors: Roberto Corvaja, J. José García Fernández, Ana García Armada

Title: [Achievable Rate and Fairness in Coordinated Base Station Transmission](#)

Journal: IEEE Communications Letters  
Vol: 18, no.4 , pp. 584 - 587      April 2014

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Authors: J. Joaquín Escudero-Garzás, Bertrand Devillers, Ana García Armada

Title: [Fairness-Adaptive Goodput-based Resource Allocation in OFDMA Downlink with ARQ](#)

Journal: IEEE Transactions on Vehicular Technology  
Vol: 63, no.3 , pp. 1178 - 1192      March 2014

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Authors: Roberto Corvaja, J. José García Fernández, Ana García Armada

Title: [Mean Achievable Rates in Clustered Coordinated Base Station Transmission with Block Diagonalization](#)

Journal: IEEE Transactions on Communications  
Vol: 61, no.8 , pp. 3483 - 3493      August 2013

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Authors: Víctor P. Gil Jiménez, Atilio Gameiro, Ana García Armada

Title: Space-Time Code Diversity by Phase Rotation in Multi-carrier Multi-user Systems

Journal: EURASIP Journal on Wireless Communications and Networking  
Vol: 2013:148 , pp. 1- 9      May 2013

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Authors: J. Joaquín Escudero-Garzás,, Ana García Armada, Gonzalo Seco-Granados

Title: [Fair Design of Plug-in Electric Vehicles Aggregator for V2G Regulation](#)

Journal: IEEE Transactions on Vehicular Technology  
Vol: 61, no. 8 , pp. 3406- 3419      October 2012

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Authors: Mârius Caus, Ana I. Pérez Neira, Ana García Armada

Title: [A Discrete Bit Loading Algorithm for FBMC/OQAM](#)

Journal: IEEE Signal Processing Letters  
Vol: 19, no. 6 , pp. 324- 327      June 2012

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Authors: Ana García Armada, Mounir Ghogho, Robert W. Heath Jr., Ying-Chang Liang, Constantinos Papadias, Atul Salvekar

Title: [Special Issue on Advances in MIMO-OFDM](#)

Journal: Physical Communication  
Vol: 4, no. 4 , pp. 251- 253                      December 2011

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Authors: Ana García Armada, Matilde Sánchez-Fernández, Roberto Corvaja

Title: [Constrained Power Allocation Schemes for Coordinated Base Station Transmission using Block Diagonalization](#)

Journal: EURASIP Journal on Wireless Communications and Networking  
Vol: 2011:125 , pp. 1- 19      October 2011

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Authors: Víctor P. Gil Jiménez, Y. Jabrane, Ana García Armada, B. Es Said, A. Ouahman

Title: [High Power Amplifier Pre-distorter based on Neural-Fuzzy Systems for OFDM signals](#)

Journal: IEEE Transactions on Broadcasting  
Vol: 57, no. 1 , pp. 149 - 158      March 2011

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Authors: Li Hong, Ana García Armada

Title: [Bit Error Rate Performance of MIMO MMSE Receivers in Correlated Rayleigh Flat-fading Channels](#)

Journal: IEEE Transactions on Vehicular Technology  
Vol: 60, no. 1 , pp. 313 - 317      January 2011

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Authors: Víctor P. Gil Jiménez, Y. Jabrane, Ana García Armada, B. Es Said, A. Ouahman

Title: [Reduction of the Envelope Fluctuations of Multi-Carrier modulations using Adaptive Neural Fuzzy Inference Systems](#)

Journal: IEEE Transactions on Communications  
Vol: 59, no. 1 , pp. 19 - 25      January 2011

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Authors: Víctor P. Gil Jiménez, Carlos Miguel Ribeiro, Atilio Gameiro, Ana García Armada

Title: [Effects of Channel estimation on multi-user Virtual MIMO-OFDMA Relay-based networks](#)

Journal: EURASIP Journal on Wireless Communications and Networking  
Vol: 2010 , pp. 1 - 13      2010

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Authors: Víctor P. Gil Jiménez, Atilio Gameiro, Ana García Armada

Title: [Virtual Maximum Ratio Transmission for Downlink OFDMA Relay-based Networks](#)

Journal: Wireless Personal Communications  
Vol: 2010 , pp.1 - 19      2010

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Authors: Roberto Corvaja, Ana Garcia Armada

Title: [SINR Degradation in MIMO-OFDM Systems with Channel Estimation Errors and Partial Phase Noise Compensation](#)

Journal: IEEE Transactions on Communications  
Vol: 58, no. 8 , pp. 2199 - 2203 August 2010

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Authors: Younes Jabrane, Víctor P. Gil Jiménez, Ana García Armada, Brahim Ait Es Said, Abdellah Ait Ouahman

Title: [Reduction of Power Envelope Fluctuations in OFDM Signals by using Neural Networks](#)

Journal: IEEE Communications Letters  
Vol: 14, no- 7 , pp. 599 - 601 July 2010

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Authors: Víctor P. Gil Jiménez, M. Julia Fernández-Getino García, Ana García Armada, Rafael P. Torres Jiménez, Juan José García Fernández, Matilde P. Sánchez Fernández, Marta Domingo Gracia, Oscar Fernández Fernández

Title: [A MIMO-OFDM Testbed, Channel Measurements and System Considerations for Outdoor-Indoor WiMAX](#)

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Authors: Khalid El Baamrani, Víctor P. Gil Jiménez, Ana García Armada, Abdellah Ait Ouahman

Title: [Multi-user Sub-carrier and Power allocation algorithm for OFDM/Offset-QAM](#)

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Authors: Víctor P. Gil Jiménez, Ana García Armada

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Title: [Joint Channel and Phase Noise Compensation for OFDM in Fast Fading Multipath Applications](#)

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Authors: Roberto Corvaja, Ana Garcia Armada

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Timm-Giel, Leonardo Maccari, Neeli R. Prasad

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Authors: Víctor P. Gil Jiménez, M. Julia Fernández-Getino García, Matilde P. Sánchez-Fernández, Ana García Armada

Title: [Efficient Implementation of Complementary Golay Sequences for PAR Reduction and Forward Error Correction in OFDM-based WLAN systems](#)

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Vol: 62, no. 9 , pp. 683 - 694 August 2008

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Authors: Miroslav Janošov, Miroslav Husák, Peter Farkaš, Ana Garcia Armada

Title: [New \[47,15,16\] Linear Binary Block Code](#)

Journal: IEEE Transactions on Information Theory

Vol: 54, no. 1 , pp. 423- 424 January 2008

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Authors: Víctor P. Gil Jiménez, Thomas Eriksson, Ana García Armada, M. Julia Fernández-Getino García, Tony Ottosson and Arne Svensson

Title: [Methods for Compression of Feedback in Adaptive Multicarrier 4G Schemes](#)

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Authors: Carlos Ribeiro, M. Julia Fernández-Getino Garcia, Víctor P. Gil Jiménez, Atílio Gameiro and Ana García Armada

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Authors: Matilde P. Sánchez-Fernández, Miguel Aguilera-Forero, Ana García Armada

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Authors: K. El Baamrani, A. A. Ouahman, V. P. G. Jiménez, Ana García Armada, S. Allaki

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