



Teoría de la Señal, Telemática y Comunicaciones

Áreas de conocimiento: Ingeniería Telemática (IT) y de Teoría de la Señal y Comunicaciones (TSC)

Director: Prof. Dra. María del Carmen Benítez Ortúzar

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Profesorado: CU: 7, PTU: 11, PTEU: 0, PDI Contratado y Otros: 11.

Grupos de Investigación.

TIC233 NETWORK ENGINEERING & SECURITY GROUP

- Responsable: PEDRO GARCÍA TEODORO

TIC123 PROCESADO DE SEÑAL Y COMUNICACIONES

- Responsable: JOSÉ CARLOS SEGURA LUNA

TIC218 SIGNAL PROCESSING AND BIOMEDICAL APPLICATIONS

- Responsable: JAVIER RAMÍREZ PÉREZ DE INESTROSA

TIC234 Signal Processing, Multimedia Transmission and Speech/Audio Technologies

- Responsable: ANTONIO MIGUEL PEINADO HERREROS

TIC244 Smart Wireless Applications and Technologies Group

- Responsable: Juan Valenzuela Valdés

TIC235 WIRELESS AND MULTIMEDIA NETWORKING LAB

- Responsable: JUAN MANUEL LÓPEZ SOLER

Dirección y participación en Proyectos I+D

- 2017 Evaluación electrofisiológica del efecto del color (sala de cromoterapia) en los niveles de stress, ,
15/05/2017-14/05/2018

Investigador/a MIGUEL ANGEL LOPEZ GORDO

- 2016 ¿KNOWLEDGE EXTRACTION OF THE STATE OF ACTIVE VOLCANOES AND ITS APPLICATION TO THE
MODELLING OF ERUPTION FORECAST BY ADVANCED SEISMIC SIGNAL ANALYSIS. ¿ (acronym
KOWAVES), , 01/01/2016-31/12/2019

LUZ GARCÍA MARTÍNEZ

- 2016 Optimización Multi-Objetivo de Altas Prestaciones y Energéticamente Eficiente en Arquitecturas de
Computador Heterogéneas. Aplicaciones en Ingeniería Biomédica, , 01/01/2016-31/12/2018

Investigador/a MIGUEL ANGEL LOPEZ GORDO

- 2016 KOWAVES:EXTRACCIÓN DEL CONOCIMIENTO DE VOLCANES ACTIVOS Y SU APLICACIÓN EN EL
MODELADO DEL PRONÓSTICO DE ERUPCIONES MEDIANTE EL ANÁLISIS AVANZADO DE LA SEÑAL
SÍSMICA, , 01/01/2016-31/12/2019

MARIA DEL CARMEN BENITEZ ORTÚZAR

- 2016 Infraestructura de almacenamiento orientada a un Servicio de Cloud Privado para Investigación
(DriveUGR), , 01/09/2016-29/12/2017

Investigador/a ANTONIO MIGUEL PEINADO HERREROS

- 2016 Plataforma Multi-Sensor para detección precisa de Obstáculos fijos y móviles (sistema anticolisión) y
medida de parámetros del Aire acoplada al sistema D-KISS, , 08/03/2016-31/12/2016

Coordinador ANGEL DE LA TORRE VEGA

Investigador/a JOSÉ CARLOS SEGURA LUNA

- 2016 Nuevas aproximaciones conexionistas integradas para procesado de señal, , 30/12/2016-29/12/2019

Investigador/a JUAN ANDRÉS MORALES CORDOVILLA

- 2016 Metaheurísticas aplicadas al diseño de redes 5G eficientes, , 30/12/2016-29/12/2020

Investigador/a JUAN VALENZUELA VALDÉS

Investigador/a MIGUEL ANGEL LOPEZ GORDO

- 2016 Laboratorio de Comunicaciones 5G y sus aplicaciones, , 01/01/2016-29/12/2017

Investigador/a ANTONIO MIGUEL PEINADO HERREROS

Coordinador JUAN VALENZUELA VALDÉS

Coordinador PABLO PADILLA DE LA TORRE

Participante MIGUEL ANGEL LOPEZ GORDO

- 2016 EXTRACCION DEL CONOCIMIENTO DEL ESTADO DE VOLCANES ACTIVOS Y SU APLICACION EN EL
MODELADO DEL PRONOSTICO DE ERUPCIONES MEDIANTE EL ANALISIS AVANZADO DE LA SEÑAL
SISMICA, Competitivo, 01/01/2016-31/12/2019

Participante MANUEL MARCELINO TITOS LUZÓN

Investigador/a JOSÉ CARLOS SEGURA LUNA

Investigador/a Mª SONIA MOTA FERNÁNDEZ

Investigador/a ANGEL DE LA TORRE VEGA

Investigador/a LUZ GARCÍA MARTÍNEZ

Investigador/a ISAAC MANUEL ALVAREZ RUIZ



Participante ANTONIO MIGUEL MORA GARCÍA

- 2016 ANALISIS MULTIMODAL Y LONGITUDINAL DE BIOMARCADORES PARA EL DIAGNOSTICO Y LA PREDICCION DE LA ENFERMEDAD DE ALZHEIMER Y DE PARKINSON, Competitivo, 01/01/2016-31/12/2018

Investigador/a JUAN MANUEL GORRIZ SAEZ

Investigador/a FERMÍN SEGOVIA ROMÁN

Investigador/a DIEGO SALAS GONZÁLEZ

Participante DIEGO CASTILLO BARNES

Responsable PABLO PADILLA DE LA TORRE

- 2016 OPTIMIZACION MULTI-OBJETIVO DE ALTAS PRESTACIONES Y ENERGETICAMENTE EFICIENTE EN ARQUITECTURAS DE COMPUTADOR HETEROGENEAS. APLICACIONES EN INGENIERIA BIOMEDICA, Competitivo, 01/01/2016-31/12/2018

Participante MIGUEL ANGEL LOPEZ GORDO

- 2016 Laboratorio de Comunicaciones 5G y sus aplicaciones, Competitivo, 01/01/2016-31/12/2018

Responsable PABLO PADILLA DE LA TORRE

- 2016 GESTION FLEXIBLE DE SERVICIOS 5G ORIENTADA A SOPORTAR SITUACIONES CRITICAS URBANAS, Competitivo, 30/12/2016-29/12/2019

Investigador/a SANDRA SENDRA COMPTÉ

Investigador/a PILAR ANDRÉS MALDONADO

Investigador/a JUAN JOSÉ RAMOS MUÑOZ

Responsable JUAN MANUEL LÓPEZ SOLER

Investigador/a JORGE NAVARRO ORTIZ

- 2016 NUEVAS APROXIMACIONES CONEXIONISTAS INTEGRADAS PARA PROCESADO DE SEÑAL, Competitivo, 30/12/2016-29/12/2019

Investigador/a ANTONIO MIGUEL PEINADO HERREROS

Responsable VICTORIA EUGENIA SÁNCHEZ CALLE

Responsable ANGEL MANUEL GÓMEZ GARCÍA

Investigador/a JOSE LUIS PEREZ CORDOBA

Participante JUAN MANUEL MARTÍN DOÑAS

Contratos de investigación

- 2016 Sistema de detección de información en deep web, , 15/09/2016-15/09/2016

Responsable GABRIEL MACIÁ FERNÁNDEZ

- 2016 SISTEMA DE DETECCIÓN DE FUGAS DE INFORMACION EN DEEP WEB, , 01/11/2016-31/12/2016

Responsable GABRIEL MACIÁ FERNÁNDEZ

Investigador/a ROBERTO MAGÁN CARRIÓN

- 2016 II Jornadas Nacionales de Investigación en Ciberseguridad., , 27/01/2016-15/07/2016

Responsable PEDRO GARCÍA TEODORO

- 2016 ¿Servicios de formación y mentorización de los participantes en el PROGRAMA TALENTUM?, , 01/01/2016-15/07/2016

Responsable JUAN JOSÉ RAMOS MUÑOZ

- 2016 ¿Servicios de formación y mentorización de los participantes en el PROGRAMA TALENTUM?, , 01/12/2016-31/12/2016

Responsable JUAN JOSÉ RAMOS MUÑOZ

- 2016 Licencia de Uso de señales rectangulares de ciclo corto para el desarrollo de métodos de fase resuelta multifrecuencia en el campo de los sensores óptico., , 15/01/2016-14/01/2026

Investigador/a ANGEL DE LA TORRE VEGA

Investigador/a JOSÉ CARLOS SEGURA LUNA

- 2016 Contrato colaboración experto en I+D+i, CONVENIO, 26/02/2016-

Participante ANGEL MANUEL GÓMEZ GARCÍA

Publicaciones en revistas

- 2017 Artículo: Real-time optimal combination of multifrequency information in phase-resolved luminescence spectroscopy based on rectangular-wave signals, SENSORS AND ACUATORS B: CHEMICAL, 238, , 221-225

ANGEL DE LA TORRE VEGA

JOSÉ CARLOS SEGURA LUNA

Mª SONIA MOTA FERNÁNDEZ

- 2017 Artículo: Analysing the influence of the fitness function on genetically programmed bots for a real-time strategy game, Entertainment Computing, 18, January 2017, 15-29

ANTONIO MIGUEL MORA GARCÍA

- 2017 Artículo: Applying computational intelligence methods for predicting the sales of newly published books in a real editorial business management environment, Knowledge-Based Systems, 115, , 133-151

ANTONIO MIGUEL MORA GARCÍA



- 2017 Artículo: Spectral reconstruction and noise model estimation based on a masking model for noise-robust speech recognition, *Circuits, Systems, and Signal Processing*, , , 1-19
ANGEL MANUEL GÓMEZ GARCÍA
ANTONIO MIGUEL PEINADO HERREROS
- 2017 Artículo: Dual-channel VTS feature compensation for noise-robust speech recognition on mobile devices, *IET Signal Processing*, 11, 1, 17-25
ANGEL MANUEL GÓMEZ GARCÍA
ANTONIO MIGUEL PEINADO HERREROS
- 2017 Artículo: Group-wise Principal Component Analysis for Exploratory Data Analysis, *Journal of Computational and Graphical Statistics*, , , -
JOSÉ CAMACHO PÁEZ
- 2017 Artículo: On the Generation of Random Multivariate Data, *Chemometrics and Intelligent Laboratory Systems*, 160, , 40-51
JOSÉ CAMACHO PÁEZ
- 2017 Artículo: Trends in EEG-BCI for daily-life: Requirements for artifact removal, *Biomedical Signal Processing and Control*, 31, , 407-418
MIGUEL ANGEL LOPEZ GORDO
- 2017 Artículo: Human Neuro-Activity for Securing Body Area Networks: Application of Brain-Computer Interfaces to People-Centric Internet of Things, *IEEE Communications Magazine*, 55, 2, 62-67
JUAN VALENZUELA VALDÉS
MIGUEL ANGEL LOPEZ GORDO
PABLO PADILLA DE LA TORRE
- 2017 Artículo: Time-Domain Shielding Effectiveness of Enclosures Against a Plane Wave Excitation, *IEEE Transactions on Electromagnetic Compatibility*, , , -
JUAN VALENZUELA VALDÉS
- 2017 Artículo: Further on 'Broadband electronically tunable reflection-based phase shifter for active-steering microwave reflectarray systems in Ku-Band': prototype validation, *Journal of Electromagnetic Waves and Applications*, 31, 4, 427-432
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2017 Artículo: On Understanding the Existence of a Deep Torrent, *IEEE Communications Magazine*, , , -
GABRIEL MACIÁ FERNÁNDEZ
RAFAEL ALEJANDRO RODRÍGUEZ GÓMEZ
- 2017 Artículo: Improving Cell Outage Management Through Data Analysis, *IEEE Wireless Communications Magazine*, , , -
PABLO MUÑOZ LUENGO
- 2017 Artículo: Knowledge Acquisition for Fault Management in LTE Networks, *KLUWER JOURNAL ON WIRELESS PERSONAL COMMUNICATIONS*, , , 1-20
PABLO MUÑOZ LUENGO
- 2017 Artículo: P300 brainwave extraction from EEG signals: an unsupervised approach, *Expert Systems With Applications*, 74, 15, 1-10
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2017 Artículo: Independent Component Analysis-Support Vector Machine-Based Computer-Aided Diagnosis System for Alzheimer's with Visual Support, *International Journal of Neural Systems*, 27, 3, 1-17
IGNACIO ALVAREZ ILLAN
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2017 Artículo: Multivariate Analysis of 18F-DMFP PET Data to Assist the Diagnosis of Parkinsonism, *Frontiers In Neuroinformatics*, 11, 1, 1-9
FERMÍN SEGOVIA ROMÁN
FRANCISCO JESÚS MARTÍNEZ MURCIA
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2017 Artículo: A statistical analysis of the kernel-based MMSE estimator with application to image reconstruction, *Signal Processing: Image Communication*, , 55, 41-54
ANGEL MANUEL GÓMEZ GARCÍA
ANTONIO MIGUEL PEINADO HERREROS
VICTORIA EUGENIA SÁNCHEZ CALLE
- 2017 Artículo: Electromagnetic near field inhomogeneity reduction for image acquisition optimization in high resolution multi-channel magnetic resonance imaging (MRI) systems, *IEEE Access*, 5, -, 5149-5157
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE



- 2017 Artículo: Human neuro-activity for securing Body Area Networks: application to People-centric, Internet of Things, IEEE Communications Magazine, 55, 2, 62-67
JUAN VALENZUELA VALDÉS
MIGUEL ANGEL LOPEZ GORDO
PABLO PADILLA DE LA TORRE
- 2016 Artículo: A Radionavigation Laboratory Course, IEEE Transactions on Education, 58, 2, 124-129
JUAN VALENZUELA VALDÉS
- 2016 Artículo: A Model for Incident Tickets Correlation in Network Management, Journal of Network and Systems Management, 24, , 57-91
GABRIEL MACIÁ FERNÁNDEZ
JESÚS E. DÍAZ VERDEJO
LEOVIGILDO SÁNCHEZ CASADO
- 2016 Artículo: Self-Healing in Mobile Networks with Big Data, IEEE Communications Magazine, 54, 1, 114-120
PABLO MUÑOZ LUENGO
- 2016 Artículo: Methodology for the Design and Evaluation of Self-Healing LTE Networks, IEEE Transactions on Vehicular Technology, 65, 8, 6468-6486
PABLO MUÑOZ LUENGO
- 2016 Artículo: Automatic root cause analysis for LTE networks based on unsupervised techniques, IEEE Transactions on Vehicular Technology, 65, 4, 2369-2386
PABLO MUÑOZ LUENGO
- 2016 Artículo: Automatic Root Cause Analysis based on traces for LTE Self-Organising Networks., IEEE Wireless Communications Magazine, 23, 3, 20-28
PABLO MUÑOZ LUENGO
- 2016 Artículo: Correlation-based time-series analysis for cell degradation detection in SON, ieee communications letters, 20, 2, 396-399
PABLO MUÑOZ LUENGO
- 2016 Artículo: Selective processing of auditory evoked responses with iterative-randomized stimulation and averaging: A strategy for evaluating the time-invariant assumption, Hearing Research, 333, , 66-76
ANGEL DE LA TORRE VEGA
JOSÉ CARLOS SEGURA LUNA
- 2016 Artículo: 3GPP QoS based scheduling framework for LTE, Eurasip Journal On Wireless Communications And Networking (Online), 2016, 78, 1-14
JORGE NAVARRO ORTIZ
JUAN MANUEL LÓPEZ SOLER
PABLO AMEIGEIRAS GUTIÉRREZ
PILAR ANDRÉS Maldonado
- 2016 Artículo: Optimal Relay Placement in Multi-Hop Wireless Networks, AD HOC NETW, 46, , 23-36
JOSÉ CAMACHO PÁEZ
PEDRO GARCÍA TEODORO
RAFAEL ALEJANDRO RODRÍGUEZ GÓMEZ
ROBERTO MAGÁN CARRIÓN
- 2016 Artículo: A Spherical Brain Mapping of MR Images for the Detection of Alzheimer's Disease, Current Alzheimer Research, 13, 5, 575-588
FRANCISCO JESÚS MARTÍNEZ MURCIA
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: A STRUCTURAL PARAMETRIZATION OF THE BRAIN USING HIDDEN MARKOV MODELS-BASED PATHS IN ALZHEIMER'S DISEASE, International Journal of Neural Systems, 26, 6, 1650024-
FRANCISCO JESÚS MARTÍNEZ MURCIA
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: ADroid: Anomaly-based Detection of Malicious Events in Android Platforms, International Jornal of Information Security, , , 1-14
LEOVIGILDO SÁNCHEZ CASADO
PEDRO GARCÍA TEODORO
- 2016 Artículo: Multivariate Big Data Analysis in the Context of the Internet, Journal of Chemometrics, , , 1-25
PEDRO GARCÍA TEODORO
- 2016 Artículo: PCA-based Multivariate Statistical Network Monitoring for Anomaly Detection, Computers & Security - Journal - Elsevier, 59, , 118-137
GABRIEL MACIÁ FERNÁNDEZ
JOSÉ CAMACHO PÁEZ
PEDRO GARCÍA TEODORO
- 2016 Artículo: Combining feature extraction methods to assist the diagnosis of Alzheimer's disease, Current



- Alzheimer Research, 13, 7, 831-837
FERMÍN SEGOVIA ROMÁN
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: An Optimal Approach for Selecting Discriminant Regions for the Diagnosis of Alzheimer's Disease, Current Alzheimer Research, 13, 7, 838-844
DIEGO SALAS GONZÁLEZ
FERMÍN SEGOVIA ROMÁN
FRANCISCO JESÚS MARTÍNEZ MURCIA
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: An error mitigation technique for erasure channels based on a Wavelet representation of the speech excitation signal, IEEE Transactions on Multimedia, 18, 7, 1245-1256
ANGEL MANUEL GÓMEZ GARCÍA
JOSE LUIS PEREZ CORDOBA
VICTORIA EUGENIA SÁNCHEZ CALLE
- 2016 Artículo: Underwater Acoustic Modems, IEEE Sensors Journal, 16, 11, 4063-4071
SANDRA SENDRA COMPTE
- 2016 Artículo: Improving the Signal Propagation at 2.4 GHz Using Conductive Membranes, IEEE Systems Journal, , 99, 1-11
SANDRA SENDRA COMPTE
- 2016 Artículo: Multimedia sensors embedded in smartphones for ambient assisted living and e-health, Multimedia tools and Applications, 75, 21, 13271-13297
SANDRA SENDRA COMPTE
- 2016 Artículo: Networkmetrics: multivariate big data analysis in the context of the internet, Journal of Chemometrics, , , 1-18
JOSÉ CAMACHO PÁEZ
PEDRO GARCÍA TEODORO
ROBERTO MAGÁN CARRIÓN
- 2016 Artículo: Virtualized MME Design for IoT Support in 5G Systems, Sensors, 16, 8, 1338-1363
JONATHAN PRADOS GARZÓN
JUAN JOSÉ RAMOS MUÑOZ
JUAN MANUEL LÓPEZ SOLER
PABLO AMEIGEIRAS GUTIÉRREZ
PILAR ANDRÉS MALDONADO
- 2016 Artículo: Modeling and Dimensioning of a Virtualized MME for 5G Mobile Networks, IEEE Transactions on Vehicular Technology, 66, 5, 4383-4395
JONATHAN PRADOS GARZÓN
JUAN JOSÉ RAMOS MUÑOZ
JUAN MANUEL LÓPEZ SOLER
PABLO AMEIGEIRAS GUTIÉRREZ
PILAR ANDRÉS MALDONADO
- 2016 Artículo: Interference Bound for Local Channel Allocation, Wireless Personal Communications, 92, 4, 1559-1574
JORGE NAVARRO ORTIZ
JUAN JOSÉ RAMOS MUÑOZ
JUAN MANUEL LÓPEZ SOLER
PABLO AMEIGEIRAS GUTIÉRREZ
- 2016 Artículo: Fault Compensation Algorithm based on Handover Margins in LTE Networks, Eurasip Journal On Wireless Communications And Networking (Online), 2016, 246, 1-17
PABLO MUÑOZ LUENGO
- 2016 Artículo: Root Cause Analysis based on Temporal Analysis of Metrics toward Self-Organizing 5G Networks, IEEE Transactions on Vehicular Technology, 66, 3, 2811-2824
PABLO MUÑOZ LUENGO
- 2016 Artículo: Direct estimation of the standard error in phase-resolved luminescence measurements. Application to an oxygen measuring system, SENSORS AND ACTUATORS B: CHEMICAL, 224, , 521-528
ANGEL DE LA TORRE VEGA
- 2016 Artículo: Broadband planar multilayered reflectarray based on circular stacked patches and reflective printed circuits for microwave communication systems, Journal of Electromagnetic Waves And Applications, 30, 17, 1-10
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Circularly polarised broadband planar lightweight reflectarray with eligible pattern for satellite



- communications in Ku-band, IET Microwaves, Antennas & Propagation, 11, 4, 513-518
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Electronically Reconfigurable Reflective Phase Shifter for Circularly Polarized Reflectarray Systems, IEEE Microwave and Wireless Components Letters, 26, 9, 705-707
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Design rules for antenna placement on MIMO system, Journal of Electromagnetic Waves And Applications, 30, 13, 1731-1739
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Clustering and Beamforming for Efficient Communication in Wireless Sensor Networks, Sensors, 16, 8, 1334-1342
JUAN VALENZUELA VALDÉS
MIGUEL ANGEL LOPEZ GORDO
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Low complexity forward error correction for CELP-type speech coding over erasure channel transmission, International Journal of Speech Technology, 19, 4, 717-730
JOSE LUIS PEREZ CORDOBA
- 2016 Artículo: Functional biomedical images of Alzheimer's disease. A green's function-based empirical mode decomposition study, Current Alzheimer Research, 13, 6, 695-707
DIEGO SALAS GONZÁLEZ
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: Studying real traffic and mobility scenarios for a Smart City using a new nonitoring and tracking system, Future Generation Computer Systems, , , -
ANTONIO MIGUEL MORA GARCÍA
- 2016 Artículo: Wireless monitoring and tracking system for vehicles: A study case in an urban scenario, Simulation Modelling Practice and Theory, , , -
ANTONIO MIGUEL MORA GARCÍA
- 2016 Artículo: The Uncertainty Quandary: A Study in the Context of the Evolutionary Optimization in Games and Other Uncertain Environments, Transactions on Computational Collective Intelligence XXIII, 24, , 40-60
ANTONIO MIGUEL MORA GARCÍA
- 2016 Artículo: On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significance-weighted principal component analysis, HUMAN BRAIN MAPPING, , -, ---
FRANCISCO JESÚS MARTÍNEZ MURCIA
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: Broadband electronically tunable reflection-based phase shifter for active-steering microwave reflectarray systems in Ku-Band, Journal of Electromagnetic Waves and Applications, 30, 12, 1545-1551
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Asynchronous Detection of Trials Onset from Raw EEG Signals, International Journal of Neural Systems, 26, 07, -
MIGUEL ANGEL LOPEZ GORDO
PABLO PADILLA DE LA TORRE
- 2016 Artículo: A proposal for bio-synchronized transmission of EEG/ERP data, Eurasip Journal On Wireless Communications And Networking (Online), 54, , -
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Stress Assessment by Prefrontal Relative Gamma, Frontiers in Computational Neuroscience, 10, September, 1-9
MIGUEL ANGEL LOPEZ GORDO
- 2016 Artículo: Detection of Attention in Multi-Talker Scenarios: a Fuzzy Approach, Expert Systems With Applications, 64, , 261-268
MIGUEL ANGEL LOPEZ GORDO
- 2016 Artículo: Securing and greening Wireless Sensor Networks with beamforming, Mobile Networks and Applications, , 1, 1-9
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Analysis of beamforming for improving the energy efficiency in wireless sensor networks with metaheuristics, Progress in Artificial Intelligence, 5, 3, 199-206
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Low Cost Ubiquitous Context-Aware Wireless Communications Laboratory for Undergraduate



- Students, IEEE Transactions on Learning Technologies, 9, 1, 31-36
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Embedded Lightweight Folded Printed Quadrifilar Helix Antenna (FPQHA) for UAV Telemetry and Remote Control Systems, IEEE Antennas and Propagation Magazine, , 99, 1-6
JUAN VALENZUELA VALDÉS
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Internet of Things for Measuring Human Activities in Ambient Assisted Living and e-Health, Network Protocols and Algorithms, 8, 3, 15-28
SANDRA SENDRA COMPTE
- 2016 Artículo: A secure and low-energy zone-based wireless sensor networks routing protocol for pollution monitoring, Wireless Communications and Mobile Computing, 16, 17, 2869-2883
SANDRA SENDRA COMPTE
- 2016 Artículo: Ensembles Of Deep Learning Architectures For The Early Diagnosis Of Alzheimer's Disease, International Journal of Neural Systems, 7, 26, -
JAVIER RAMÍREZ PÉREZ DE INESTROSA
JUAN MANUEL GORRIZ SAEZ
- 2016 Artículo: Underwater Communications for Video Surveillance Systems at 2.4 GHz, Sensors, 16, 10, 1769-
SANDRA SENDRA COMPTE
- 2016 Artículo: Low-Cost Vehicle Driver Assistance System for Fatigue and Distraction Detection, Lecture Notes Of The Institute For Computer Sciences, Social Informatics And Telecommunications Engineering (Print), 185, , 69-78
SANDRA SENDRA COMPTE
- 2016 Artículo: Ad hoc network for emergency rescue system based on unmanned aerial vehicles, Network Protocols and Algorithms, 7, 4, 72-89
SANDRA SENDRA COMPTE
- 2016 Artículo: Advances on the automatic estimation of the P-wave onset time, Annals of Geophysics, 59, 4, -
ANGEL DE LA TORRE VEGA
ISAAC MANUEL ALVAREZ RUIZ
JOSÉ CARLOS SEGURA LUNA
LUZ GARCÍA MARTÍNEZ
Mª SONIA MOTA FERNÁNDEZ
MANUEL MARCELINO TITOS LUZÓN
MARIA DEL CARMEN BENITEZ ORTÚZAR
- 2016 Artículo: PARTOS - Passive and Active Ray TOMography Software: Description and preliminary analysis using TOMO-ETNA experiment's dataset, Annals of Geophysics, , , -
ISAAC MANUEL ALVAREZ RUIZ
LUZ GARCÍA MARTÍNEZ
MARIA DEL CARMEN BENITEZ ORTÚZAR
- 2016 Artículo: "Scalable Kernel-Based Minimum Mean Square Error Estimator for Accelerated Image Error Concealment, IEEE Transactions on Broadcasting, 63, 1, 59-70
ANTONIO MIGUEL PEINADO HERREROS
- 2016 Artículo: APASVO: A free software tool for automatic P-phase picking and event detection in seismic traces, Computers & Geosciences, 90, A, 213-220
ANGEL DE LA TORRE VEGA
ISAAC MANUEL ALVAREZ RUIZ
LUZ GARCÍA MARTÍNEZ
MARIA DEL CARMEN BENITEZ ORTÚZAR
- 2016 Artículo: Analysis of OpenMP and MPI implementations of meta-heuristics for vehicle routing problems, Applied Soft Computing, 43, , 262-275
FRANCISCO JESÚS DE TORO NEGRO
- 2016 Artículo: A proposal for bio-synchronized transmission of EEG/ERP data, Eurasip Journal On Wireless Communications And Networking (Online), 54, , 1-12
MIGUEL ANGEL LOPEZ GORDO
PABLO PADILLA DE LA TORRE
- 2016 Artículo: Data analytics for diagnosing the RF condition in Self-Organising Networks, IEEE Transactions on Mobile Computing, 16, 6, 1587-1600
PABLO MUÑOZ LUENGO
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ANGEL DE LA TORRE VEGA

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