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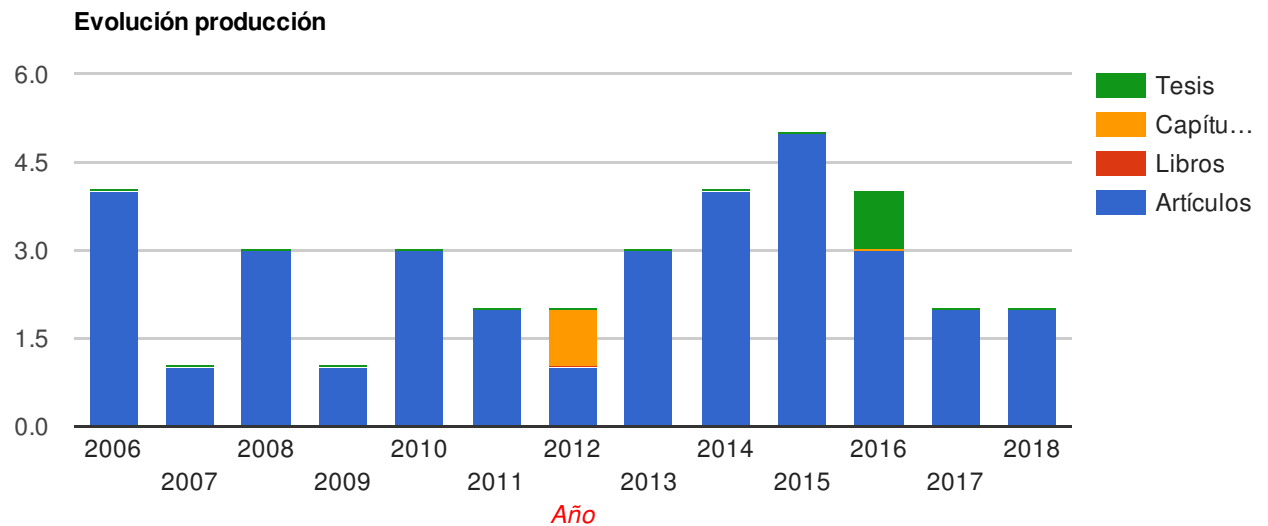
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Ficha del Directorio

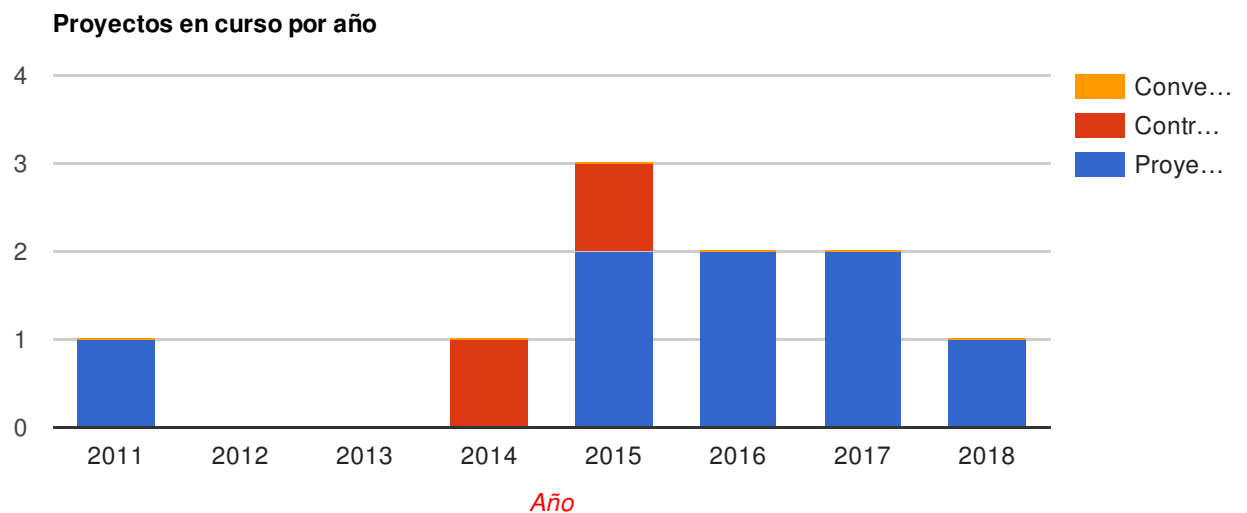
Producción 36

Artículos (34) Libros (0) Capítulos de Libros (1) Tesis dirigidas (1)



Proyectos dirigidos 4

Proyectos (3) Contratos (1) Convenios (0)



Actividades 7

Titulo publicación	Fuente	Tipo	Fecha
Evaluation of diagnosis methods in pca-based multivariate statistical process control	Chemometrics and intelligent laboratory systems	Articulo	2018
Ugr'16: a new dataset for the evaluation of cyclostationarity-based network idss	Computers & security	Articulo	2018
Group-wise principal component analysis for exploratory data analysis	Journal of computational and graphical statistics	Articulo	2017
On the generation of random multivariate data	Chemometrics and intelligent laboratory systems	Articulo	2017
Networkmetrics: multivariate big data analysis in the context of the internet	Journal of chemometrics	Articulo	2016
Optimal relay placement in multi-hop wireless networks	Ad hoc networks	Articulo	2016
Pca-based multivariate statistical network monitoring for anomaly detection	Computers & security	Articulo	2016
Supervivencia en redes ad hoc. mecanismos de tolerancia y reacción frente amenazas de seguridad.	Etsiit - universidad de granada	Tesis doctoral	2016
Determining the number of components in principal components analysis: a comparison statistical, crossvalidation and approximated methods	Chemometrics and intelligent laboratory systems	Articulo	2015
Evaluation of smoothing techniques in the run to run optimization of fed-batch processes with u-pls	Journal of chemometrics	Articulo	2015
Multivariate exploratory data analysis (meda) toolbox for matlab	Chemometrics and intelligent laboratory systems	Articulo	2015
Multivariate statistical approach for anomaly detection and lost data recovery in wireless sensor networks	International journal of distributed sensor networks	Articulo	2015
On the use of the observation-wise k-fold operation in pca cross-validation	Journal of chemometrics	Articulo	2015
Bilinear modeling of batch processes. part iii: parameter stability	Journal of chemometrics	Articulo	2014
Cross-validation in pca models with the element-wise k-fold (ekf) algorithm: practical aspects	Chemometrics and intelligent laboratory systems	Articulo	2014
Model predictive control for batch processes: ensuring validity of predictions	Journal of process control	Articulo	2014
Visualizing big data with compressed score plots : approach and research challenges	Chemometrics and intelligent laboratory systems	Articulo	2014
A generalizable dynamic flow pairing method for traffic classification	Computer networks	Articulo	2013
On the influence of the propagation channel in the performance of energy-efficient geographic routing algorithms for wireless sensor networks (wsn)	Wireless personal communications	Articulo	2013
Tampered data recovery in wsns through dynamic pca and variable routing strategies	Journal of communications	Articulo	2013
Cross-validation in pca models with the element-wise k-fold (ekf) algorithm: theoretical aspects	Journal of chemometrics	Articulo	2012
Exploratory data analysis using latent subspace models	Chemometrics in practical applications	Capítulo de libro	2012
Least-squares approximation of a space distribution for a given covariance and latent sub-space	Chemometrics and intelligent laboratory systems	Articulo	2011

Observation-based missing data methods for exploratory data analysis to unveil the connection between observations and variables in latent subspace models	Journal of chemometrics	Articulo	2011
An application-case for derivative learning: optimization in colour image filtering	2010 ieee education engineering conference	Articulo	2010
Data understanding with pca: structural and variance information plots.	Chemometrics and intelligent laboratory systems	Articulo	2010
Missing-data theory in the context of exploratory data analysis	Chemometrics and intelligent laboratory systems	Articulo	2010
On-line monitoring of batch processes based on pca: does the modelling structure matter?.	Analytica chimica acta	Articulo	2009
Bilinear modelling of batch processes. part i: theoretical discussion	Journal of chemometrics	Articulo	2008
Bilinear modelling of batch processes. part ii: a comparison of pls soft-sensors	Journal of chemometrics	Articulo	2008
Multi-phase analysis framework for handling batch process data	Journal of chemometrics	Articulo	2008
Self-tuning run to run optimization of fed-batch processes using unfold-pls	Aiche journal	Articulo	2007
Efficient impulsive noise suppression based on statistical confidence limits	Journal of imaging science and technology	Articulo	2006
Monitorización de procesos por lotes mediante pca multifase	Revista iberoamericana de automática e informática industrial	Articulo	2006
Multi-phase principal component analysis for batch processes modelling	Chemometrics and intelligent laboratory systems	Articulo	2006
Online monitoring of batch processes using multi-phase principal component analysis	Journal of process control	Articulo	2006

	Título proyecto	Tipo	Inicio	Fin
1	Veritas: visualización de eventos en red inteligente para el tratamiento y análisis de la seguridad	Proyecto	1/1/15	12/31/18
2	Visualización de eventos en red inteligente para el tratamiento y análisis de la seguridad	Proyecto	1/1/15	12/31/17
3	Data exploration on network security data	Contrato	7/15/14	11/30/15
4	Networkmetrics: the application of multivariate data analysis methods in networking	Proyecto	3/1/11	10/1/11

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Título actividad	Fuente	Tipo	Fecha
Evaluador anep plan estatal excelencia i+d b 15. proyectos tipo b	Anep	Experiencia en evaluación	Oct 1, 2015
Participación en comité de revista: chemical engineering science		Comités científicos de revista	Aug 1, 2008
Participación en comité de revista: biosystems engineering		Comités científicos de revista	Aug 1, 2008
Participación en comité de revista: journal of process control		Comités científicos de revista	Mar 1, 2010
Participación en comité de revista: industrial and engineering chemistry research		Comités científicos de revista	Jan 1, 2008
Participación en comité de revista: aiche journal		Comités científicos de revista	Mar 1, 2009
Participación en comité de revista: chemometrics and intelligent laboratory systems		Comités científicos de revista	Mar 1, 2006

Colaboradores

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- **MANUEL ESCABIAS MACHUCA (1)**
- **MARIANO JOSE VALDERRAMA BONNET (1)**
- **Noemí Marta Fuentes García (1)**