

IGNACIO DE ORBE PAYÁ

Grupo de Investigación: ESPECTROMETRÍA EN FÁSE SÓLIDA (Cod.: FQM118)

Departamento: Universidad de Granada. Química Analítica

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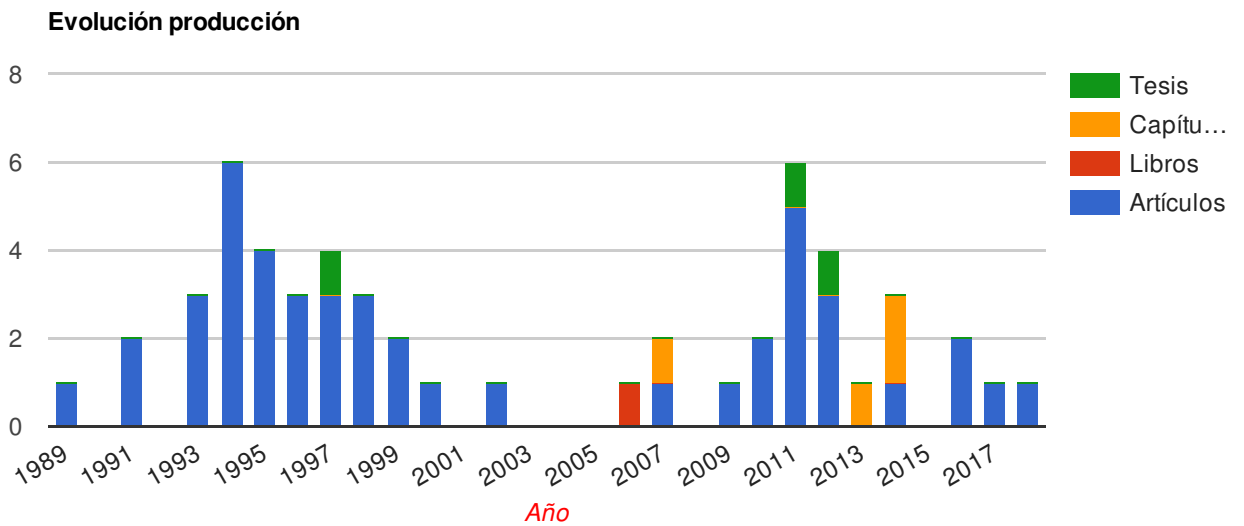
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Ficha del Directorio

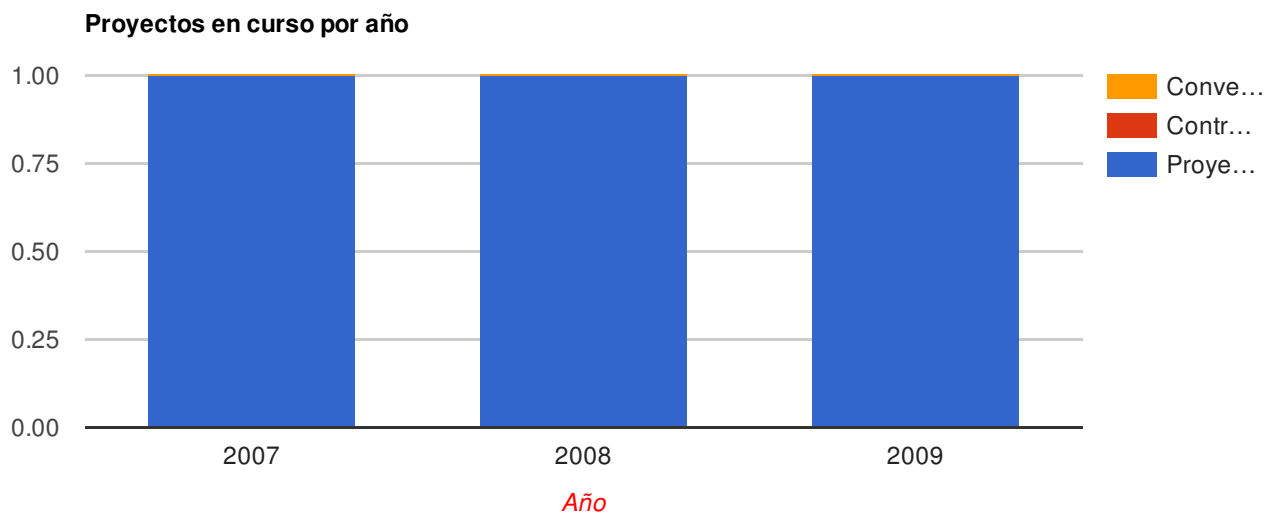
Producción 54

Artículos (46) Libros (1) Capítulos de Libros (4) Tesis dirigidas (3)



Proyectos dirigidos 1

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



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic	Microchimica acta	Articulo	2018
Flexible passive near field communication tag for multigas sensing	Analytical chemistry	Articulo	2017
Computer vision-based portable system for nitroaromatics discrimination		Articulo	2016
Surface modified thread-based microfluidic analytical device for selective potassium analysis	Analytical chemistry	Articulo	2016
Disposable electrochromic polyaniline sensor based on a redox response	Journal of electroanalytical chemistry	Articulo	2014
Innovación en la docencia de química analítica avanzada	Innovación docente y buenas prácticas en la universidad de granada	Capítulo de libro	2014
Mejora en el aprendizaje del laboratorio de química analítica con el apoyo de herramientas tic: iniciación al autoaprendizaje (pid 12-140)	Innovación docente y buenas prácticas en la universidad de granada	Capítulo de libro	2014
Innovación en el proceso de enseñanza y aprendizaje en la enseñanza superior. un caso práctico: implementación de herramientas 2.0 en la asignatura química analítica i (pid 11-321)	Innovación docente y buenas prácticas en la universidad de granada	Capítulo de libro	2013
A compact optical instrument with artificial neural network for ph determination	Sensors	Articulo	2012
An expert system for full ph range prediction using a disposable optical sensor array	Ieee sensors journal	Articulo	2012
Medida de ph en rango completo mediante matrices sensoras ópticas y técnicas de inteligencia artificial	Facultad de ciencias	Tesis doctoral	2012
Use of digital reflection devices for measurement using hue-based optical sensors	Sensors and actuators b: chemical	Articulo	2012
A surface fit approach with a disposable optical tongue for alkaline ion analysis	Analytica chimica acta	Articulo	2011
Disposable optical tongue for alkaline ion analysis	Sensors and actuators b: chemical	Articulo	2011
Full-range optical ph sensor array based on neural networks	Microchemical journal	Articulo	2011
La coordenada tonal h en ciencias analíticas. aplicación a sensores químicos		Tesis doctoral	2011
Minimization of sensing elements for full-range optical ph device formulation	New journal of chemistry	Articulo	2011
Sensor array-based optical portable instrument for determination of ph	Sensors and actuators b: chemical	Articulo	2011
Full-range optical ph sensor based on imaging techniques	Analytica chimica acta	Articulo	2010
Use of the hue parameter of the hue, saturation, value color space as a quantitative analytical parameter for bitonal optical sensors	Analytical chemistry	Articulo	2010
Double-armed crown ethers for calcium optical sensors	Talanta	Articulo	2009
Potassium disposable optical sensor based on transfectance and cromaticity measurements	Sensors and actuators b: chemical	Articulo	2007
Sensores ópticos de un solo uso	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
Análisis químico	Talleres gráficos copicentro granada s.l.	Libros	2006

A multilayer optical test strip for copper determination in human plasma.	Analytical letters	Articulo	2002
Simultaneous spectrofluorimetric determination of (acetyl)salicylic acid, codeine and pyridoxine in pharmaceutical preparations using partial least-squares multivariate calibration	Journal of pharmaceutical and biomedical analysis	Articulo	2000
Application of partial least squares multivariate calibration for the determination of mixtures of carbaryl and thiabendazole in waters by transmitted solid phase spectrophosphorimetry	The analyst	Articulo	1999
Determination of colorants ponceau 4r and its unsulfonated homolog 2-hydroxy-1-[(1-naphthalenyl)azo]naphthalene in waters, foods and dyes by solid phase spectrophotometry	Química analítica	Articulo	1999
Application of partial least squares multivariate calibration for the determination of mixtures of carbaryl and thiabendazole in waters by transmitted solid phase spectrophosphorimetry.	The analyst	Articulo	1998
Determinación de eritrosina en cerezas glaseadas por espectrofotometría de fase sólida.	Química analítica	Articulo	1998
Simultaneous determination of the colorants tartrazine, ponceau 4r and sunset yellow fcf in foodstuffs by solid phase spectrophotometry using partial least squares multivariate calibration	Talanta	Articulo	1998
Resolucion de mezclas de colorantes en productos cosmeticos por tecnicas de multicalibracion	Universidad de granada. química analítica	Tesis doctoral	1997
Simultaneous determination of colorant mixtures used in cosmetics by partial least-squares multivariate calibration spectrophotometry	Analytical sciences	Articulo	1997
Simultaneous determination of tartrazine and sunset yellow in cosmetic products by first-derivative spectrophotometry	Microchimica acta	Articulo	1997
Simultaneous determination of the colorants sunset yellow fcf and quinoline yellow by solid-phase spectrophotometry using partial least squares multivariate calibration	The analyst	Articulo	1997
Determination of colorant matters mixtures in foods by solid-phase spectrophotometry	Analytica chimica acta	Articulo	1996
Determination of synthetic food antioxidants in multicomponent mixtures using uv-visible spectrophotometry and partial least-squares calibration	Applied spectroscopy	Articulo	1996
Simultaneous determination of quinoline yellow and brilliant blue fcf in cosmetics by solid-phase spectrophotometry	Talanta	Articulo	1996
Close overlapping discrimination of polycyclic aromatic-hydrocarbons by synchronous scanning at variable-angle solid-phase spectrofluorometry	Analytica chimica acta	Articulo	1995
Determination of unsulphonated quinoline yellow in soft drinks by solid-phase spectrophotometry	Microchimica acta	Articulo	1995
Simultaneous determination of sunset yellow fcf and sudan i by solid-phase spectrophotometry	The analyst	Articulo	1995
Simultaneous determination of tartrazine and brilliant blue in cosmetic products by first-derivative spectrophotometry	Analisis	Articulo	1995
A solid-phase spectrophotometric method for the determination of sulphathiazole	Talanta	Articulo	1994
Determination of the colouring matter quinoline yellow in diverse matrixes by solid phase spectrophotometry	Química analítica	Articulo	1994
Simultaneous determination of sulfathiazole and sulfadiazine in pharmaceutical by 2nd-derivative spectrophotometry	Anales de química	Articulo	1994
Spectrofluorimetric determination of traces of bromide		Articulo	1994

Spectrofluorometric determination of traces of bromide	Microchimica acta	Articulo	1994
Sulphathiazole, sulphanilamide and sulphadiazine mixture resolution by derivative spectrophotometry	Química analítica	Articulo	1994
Determination of sulphathiazole in the presence of sulphametazine by first-derivative solid-phase derivative spectrophotometry		Articulo	1993
Implementation of ultraviolet solid-phase spectrophotometry by use of derivative techniques	Analytica chimica acta	Articulo	1993
The use of the solid-phase derivative spectrophotometry in the determination of sulphonamides in pharmaceuticals	Química analítica	Articulo	1993
Simultaneous determination of sulphathiazole and sulphanilamide in pharmaceuticals by derivative spectrophotometry	Journal of pharmaceutical and biomedical analysis	Articulo	1991
Trace analysis by solid phase spectrophotometry	Analisis	Articulo	1991
Determination of titanium in seawater by ion-exchanger spectrophotometry	Microchemical journal	Articulo	1989

	Titulo proyecto	Tipo	Inicio	Fin
1	Proyecto de innovación en la docencia de química analítica	Proyecto	5/30/07	5/30/09

Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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