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

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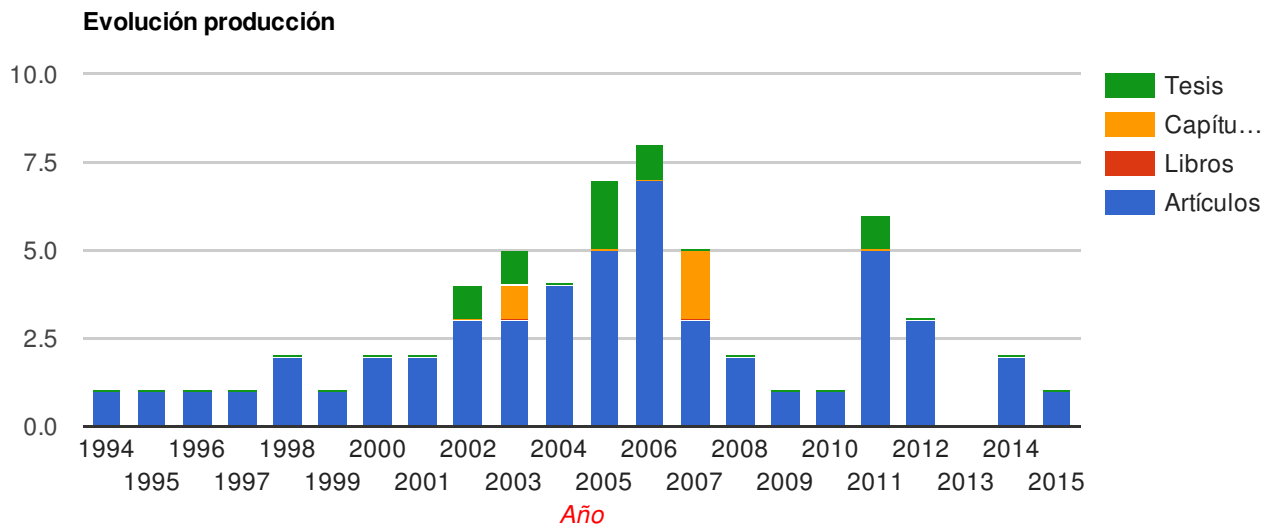
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Ficha del Directorio

Producción 60

Artículos (51) Libros (0) Capítulos de Libros (3) Tesis dirigidas (6)



Proyectos dirigidos 0

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

Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Optical humidity sensor using methylene blue immobilized on a hydrophilic polymer	Sensors and actuators b: chemical	Articulo	2015
Perspectivas en instrumentación óptica portátil para gases	Boletín graseqa	Articulo	2014
Perspectivas en instrumentación óptica portátil para gases	Boletín graseqa	Articulo	2014
Determination of o2 using colour sensing from image processing with mobile devices	Sensors and actuators b: chemical	Articulo	2012
Led-led portable oxygen gas sensor	Analytical and bioanalytical chemistry	Articulo	2012
Led-led portable oxygen gas sensor	Analytical and bioanalytical chemistry	Articulo	2012
A new led-led portable co2 gas sensor based on an interchangeable membrane system for industrial applications	Analytica chimica acta	Articulo	2011
An iupac-based approach to estimate the detection limit in co-extraction based optical analytical sensors for anions with sigmoidal response calibration curves	Analytical and bioanalytical chemistry	Articulo	2011
Compact optical instrument for simultaneous determination of o2 and co2		Articulo	2011
Compact optical instrument for simultaneous determination of oxygen and carbon dioxide		Articulo	2011
Diseño e integracion de sensores opticos en instrumentacion portatil para analisis de gases	Universidad de granada. química analítica	Tesis doctoral	2011
Multisensor probe for soil monitoring	Sensors and actuators b-chemical	Articulo	2011
Hand-held optical instrument for co2 in gas phase based on sensing film coating optoelectronic elements	Sensors and actuators b: chemical	Articulo	2010
Phosphorescent sensing of carbon dioxide based on secondary inner-filter quenching	Analytica chimica acta	Articulo	2009
Portable light-emitting diode-based photometer with one-shot optochemical sensors for measurement in the field	Review of scientific instruments	Articulo	2008
The use of one-shot sensors with a dedicated portable electronic radiometer for nitrate measurements in aqueous solutions	Measurement science and technology	Articulo	2008
Microcontroller-based portable instrument for stabilised optical oxygen sensor	Sensors and actuators b: chemical	Articulo	2007
Open air calibration with temperature compensation of a luminescence quenching-based oxygen sensor for portable instrumentation.	Analytical chemistry	Articulo	2007
Oxygen-sensing film coated photodetectors for portable instrumentation	Analytica chimica acta	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
Uso de la fosforescencia transmitida a temperatura ambiente para la determinación de fármacos y plaguicidas en diferentes matrices	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
A simplified measurement procedure and portable electronic photometer for disposable sensors based on ionophore-chromoionophore chemistry for potassium determination	Analytical and bioanalytical chemistry	Articulo	2006
Diferentes medidas espectrales para la determinación de potasio mediante tiras reactivas	Argencolor (buenos aires)	Articulo	2006
Establishment of wide-range linear response curves in bulk optode sensors for cations based on ion exchange	Sensors and actuators b: chemical	Articulo	2006

Fluorescence resonance energy transfer disposable sensor for copper(ii)	Analytica chimica acta	Articulo	2006
Irreversible optical sensor for mercury determination based on tetraarylborate decomposition	Sensors and actuators b: chemical	Articulo	2006
Logit linearization of analytical response curves in optical disposable sensors based on coextraction for monovalent anions	Analytica chimica acta	Articulo	2006
Magnesium optical one-shot sensor based on a coumarin chromoionophore	Talanta	Articulo	2006
Métodos rápidos de análisis para la determinación de aniones	Universidad de granada. química analítica	Tesis doctoral	2006
Desarrollo de sensores ópticos para gases y diseño de instrumentación portátil	Universidad de granada. química analítica	Tesis doctoral	2005
Development of a one-shot optical citrate sensor based on a guanidinium synthetic receptor		Articulo	2005
Disposable receptor-based optical sensor for nitrate	Analytical chemistry	Articulo	2005
Fluorescence quenching of the europium tetracycline hydrogen peroxide complex by copper (ii) and other metal ions	Applied spectroscopy	Articulo	2005
Magnesium-selective test strip	Talanta	Articulo	2005
Tiras reactivas ópticas para la determinación de metales pesados	Universidad de granada. química analítica	Tesis doctoral	2005
Use of optically transparent membranes for preconcentration and direct phosphorimetric determination of pharmaceutical flumequine	Journal of analytical chemistry	Articulo	2005
A test strip for chloride analysis in environmental water	Analytical and bioanalytical chemistry	Articulo	2004
Calcium selective test strip for water and milk	The analyst	Articulo	2004
Irreversible optical test strip for mercury determination based on neutral ionophore	Analytica chimica acta	Articulo	2004
Membrane preconcentration of nalidixic and piromidic acids and simultaneous determination using a synchronous solid-phase phosphorescence approach	Analytical letters	Articulo	2004
A disposable single-use optical sensor for potassium determination based on neutral ionophore	Sensors and actuators b: chemical	Articulo	2003
Characterisation of a transparent optical test strip for quantification of water hardness	Analytica chimica acta	Articulo	2003
Determination of oxolinic acid in cow's milk and human urine by means of a single-use phosphorimetric sensor	Talanta	Articulo	2003
Sensores ópticos para calcio y magnesio: estrategias, desarrollo y aplicaciones	Universidad de granada. química analítica	Tesis doctoral	2003
Solid-phase spectrometric assays	Comprehensive analytical chemistry	Capítulo de libro	2003
A multilayer optical test strip for copper determination in human plasma.	Analytical letters	Articulo	2002
Estrategias para el desarrollo de sensores ópticos de uno solo uso para iones alcalinos	Universidad de granada. química analítica	Tesis doctoral	2002
Optical test strip for calcium determination based on a neutral ionophore	Analytica chimica acta	Articulo	2002
Test strip for determination of nitrite in water	Analytical and bioanalytical chemistry	Articulo	2002
Determination of the pesticide morestan by means of a single-use phosphorimetric sensor	Analytica chimica acta	Articulo	2001

Single-use optical sensor for the determination of iron in water and white wines	Fresenius; journal of analytical chemistry (print)	Articulo	2001
Determination of calcium by a single-use optical sensor	Sensors and actuators b: chemical	Articulo	2000
Single-use phosphorimetric sensor for the determination of nalidixic acid in human urine and milk	The analyst	Articulo	2000
Determination of colorants ponceau 4r and its unsulfonated homolog 2-hydroxy-1-[(1-naphtalenyl)azo]naphtalene in waters, foods and dyes by solid phase spectrophotometry	Química analítica	Articulo	1999
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
Solid-phase spectrophotometry: a review		Articulo	1998
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
Simultaneous determination of sunset yellow fcf and sudan i by solid-phase spectrophotometry	The analyst	Articulo	1995
Determination of the colouring matter quinoline yellow in diverse matrixes by solid phase spectrophotometry	Química analítica	Articulo	1994

	Titulo proyecto	Tipo	Inicio	Fin
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Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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Colaboradores

- LUIS FERMÍN CAPITÁN VALLVEY (60)
- ALBERTO JOSE PALMA LOPEZ (12)
- ISABEL MARIA PEREZ DE VARGAS SANSALVADOR (9)
- IGNACIO DE ORBE PAYÁ (8)
- ALEJANDRO LAPRESTA FERNANDEZ (6)
- ANTONIO MARTINEZ OLMOS (5)
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- MIGUEL ÁNGEL CARVAJAL RODRÍGUEZ (4)
- LUIS CUADROS RODRÍGUEZ (3)
- NURIA LÓPEZ RUIZ (3)
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- VICTORIANO RAMÍREZ GONZÁLEZ (2)
- JOSE LUIS VÍLCHEZ QUERO (1)
- JULIO BALLESTA CLAVER (1)
- MARIA DEL CARMEN VALENCIA MIRÓN (1)
- MARIA MONSALUD DEL OLMO IRUELA (1)
- MIGUEL MARÍA ERENAS RODRÍGUEZ (1)
- NATALIA NAVAS IGLESIAS (1)