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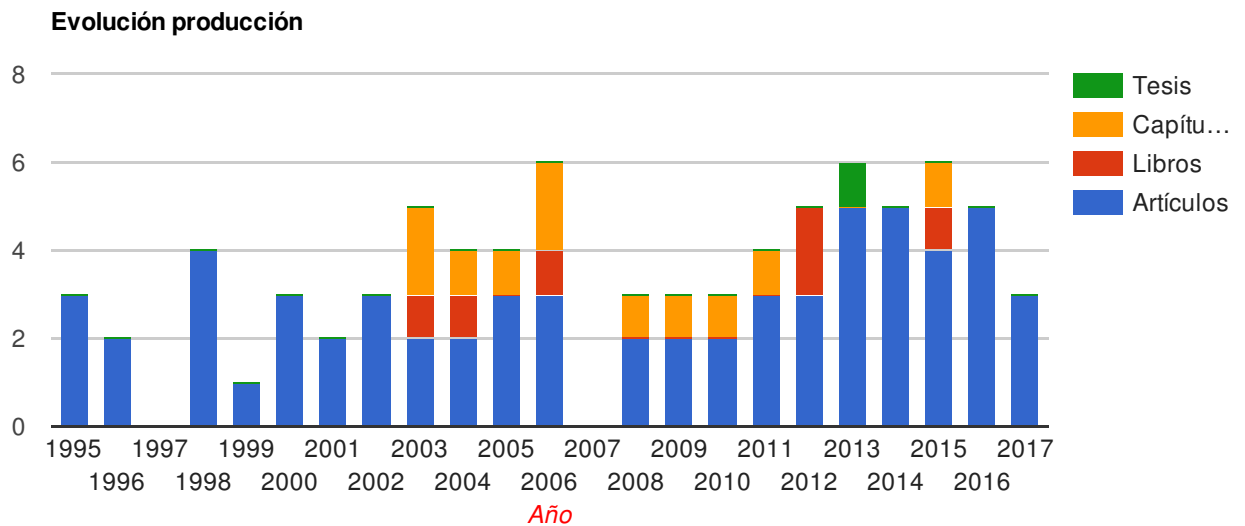
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Ficha del Directorio

## Producción 80

Artículos (62) Libros (6) Capítulos de Libros (11) Tesis dirigidas (1)



## Proyectos dirigidos 0

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

## Actividades 8

<b>Título publicación</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Fluctuation scaling of color variability in automotive metallic add-on parts	Progress in organic coatings	Articulo	2017
Geometrical optical transfer function: is it worth calculating?	Applied optics	Articulo	2017
The optical transfer function and the meijer-g function	Optik	Articulo	2017
Comparison of geometrical and diffraction imaging in the space and frequency domains	Applied optics	Articulo	2016
Extreme reaction times determine fluctuation scaling in human color vision	Physica. . a, statistical mechanics and its applications	Articulo	2016
Fluctuation scaling in the visual cortex at threshold	Physical review e: covering statistical, nonlinear, biological, and soft matter physics	Articulo	2016
Noise-induced transition in human reaction times	Journal of statistical mechanics: theory and experiment	Articulo	2016
Relating wavefront error, apodization, and the optical transfer function: on-axis case: comment	Optical society of america. journal a: optics, image science, and vision	Articulo	2016
Advances in industrial color testing of automotive metallic finishes	Photonics spectra	Articulo	2015
Advances in modern mental chronometry	Frontiers media	Libros	2015
Classification of batch processes in automotive metallic coatings using principal component analysis similarity factors from reflectance spectra	Progress in organic coatings	Articulo	2015
Classification of peacock feather reflectance using principal component analysis similarity factors from multispectral imaging data	Optics express	Articulo	2015
Commentary: piéron¿s law is not just an artifact of the response mechanism	Frontiers in physiology	Articulo	2015
Comparison of geometrical and diffraction optical transfer functions	Current developments in lens design and optical engineering xvi	Capítulo de libro	2015
A theory of power laws in human reaction times: insights from an information-processing approach	Frontiers in human neuroscience	Articulo	2014
Detailed experimental characteriza-tion of reflectance spectra of sasakia charonda by using multispectral optical imaging	Optical engineering	Articulo	2014
Fractal dimension of sparkles in automotive metallic coatings by multispectral imaging measurements	Acs applied materials and interfaces	Articulo	2014
Generalization of zernike polynomials for regular portions of circles and ellipses	Optics express	Articulo	2014
Orthonormal polynomials for elliptical wavefronts with an arbitrary orientation	Applied optics	Articulo	2014
Characterization of reflectance variability in the industrial paint application of automotive metallic coatings by using principal component analysis	Optical engineering	Articulo	2013
Desarrollo de un algoritmo de propagación de flujo luminoso para un dispositivo fotométrico móvil con capacidad de discretización angular. aplicación a la generación de mapas de iluminación de alumbrado público	Cd6 - universidad politécnica de cataluña	Tesis doctoral	2013
Imaging by a system with a hexagonal pupil	Applied optics	Articulo	2013
Imaging characteristics of zernike and annular polynomial aberrations	Applied optics	Articulo	2013

Orthonormal aberration polynomials for optical systems with circular and annular sector pupils	Applied optics	Articulo	2013
Study of zernike polynomials of an elliptical aperture obscured with an elliptical obscuration: comment	Applied optics	Articulo	2013
1/f noise in human color vision: the role of s-cone signals	Journal of the optical society of america a	Articulo	2012
Low-frequency correlations (1/f $\zeta$ type) in paint application of metallic colors	Optics express	Articulo	2012
Ondas de luz, 2 <sup>o</sup> edición	Copicentro editorial	Libros	2012
Role of the human lens gradient-index profile in the compensation of third-order ocular aberrations	Journal of biomedical optics	Articulo	2012
Teoría sencilla de las aberraciones, 2 <sup>a</sup> edición	Godel s.l.	Libros	2012
Analysis of the robustness of the lens grin profile in a schematic eye model	Journal of modern optics	Articulo	2011
Grin optics	Journal of optometry (internet)	Articulo	2011
Scattering characterization of nanopigments in metallic coatings using hyperspectral optical imaging	Applied optics	Articulo	2011
Visión del color	Optometría: principios básicos y aplicaciones clínicas	Capítulo de libro	2011
Abcd matrix for calculating third-order aberrations of gradient index optical elements	International optical design conference	Capítulo de libro	2010
Quality assurance at the earlinet granada station: characterization of the optical subsystem for a multichannel raman lidar	Optica pura y aplicada	Articulo	2010
S-cone excitation ratios for reaction times to yellow-blue suprathreshold changes at isoluminance	Ophthalmic & physiological optics	Articulo	2010
1/f noise through retino-cortical pathways assessed by reaction times	Aip proceedings of 20th international conference on noise and fluctuations	Capítulo de libro	2009
Comparison of color gamuts among several types of paper with the same printing technology	Color research and application	Articulo	2009
Zernike coefficients for concentric, circular scaled pupils: an equivalent expression	Journal of modern optics	Articulo	2009
Abcd matrix of the human lens gradient-index profile: applicability of the calculation methods	Applied optics	Articulo	2008
Optical design techniques in current eye models development	Progress in optics research	Capítulo de libro	2008
Single dispersive gradient-index profile for the aging human lens	Optical society of america. journal a: optics, image science, and vision	Articulo	2008
A simple model for fibre optics: planar dielectric waveguides in rotation	European journal of physics	Articulo	2006
Investigación en el laboratorio de ciencias de la visión y aplicaciones de la universidad de granada	Optica pura y aplicada	Articulo	2006
Merit function segmentation dependence on the isoplanatic patch criterion.	International optical design conference	Capítulo de libro	2006
Ondas de luz	Copicentro granada	Libros	2006
Postreceptor chromatic-adaptation mechanisms in the red-green and blue-yellow systems using simple reaction times	Optical society of america. journal a: optics, image science, and vision	Articulo	2006
Third-order aberrations of an agrin thin lens as a function of the shape factor and coniuqate variable.	International optical design conference	Capítulo de libro	2006

Shape factor and conjugate variables	Conference	Source	Year
Investigación en el laboratorio de ciencias de la visión y aplicaciones de granada	Ver y oír	Artículo	2005
Permissible lateral misalignments in corneal ablation for myopic eyes	Journal of optics a: pure and applied optics	Artículo	2005
Testing the behavior for metamerism of the new deviate observer (jfd)	Color research and application	Artículo	2005
Use of aplanatic condition to sample extended objects: application to merit function segmentation	Optical system design ii	Capítulo de libro	2005
Corneal asphericity after refractive surgery when the munnerlyn formula is applied	Optical society of america. journal a: optics, image science, and vision	Artículo	2004
Diffractive-refractive hybrid doublet to achromatize the human eye	Journal of modern optics	Artículo	2004
li topical meeting on physiological optics - abstract booklet	Autores	Libros	2004
Primary aberrations of a thin lens with standard aspheres	Optical system design	Capítulo de libro	2004
Color memory in protanomals and deuteranomals: matching time effect	Color research and application	Artículo	2003
Colorimetría, visión del color, reproducción y procesado de imágenes en color	Actas de la 7ª reunión nacional de óptica	Capítulo de libro	2003
Funciones de mezcla asociadas a los fundamentales fisiológicos lms	Actas de la 7ª reunión nacional de óptica	Capítulo de libro	2003
Optica ii: manual de prácticas de laboratorio	Autores	Libros	2003
Optimum corneal asphericity of myopic eyes for refractive surgery	Journal of modern optics	Artículo	2003
Binocular summation of chromatic changes as measured by visual reaction time	Perception & psychophysics	Artículo	2002
Corneal asphericity on visual function after refractive surgery	Optik	Artículo	2002
Impact of induced aniseikonia on stereopsis with random-dot stereogram	Optometry and vision science	Artículo	2002
Chromatic spatial summation at equiluminance	Optical review	Artículo	2001
Simple reaction time to chromatic changes along l&m-constant and s-constant cone axes	Color research and application	Artículo	2001
Assessment of the visual effectiveness of chromatic signals for crt colour monitor stimuli	Displays (guildford)	Artículo	2000
Changes in stereoscopic depth perception caused by decentration of spectacle lenses	Optometry and vision science	Artículo	2000
Influence of asphericity of the anterior corneal surface in visual performance	Optik	Artículo	2000
Optimization of color reproduction on crt-color monitors	Color research and application	Artículo	1999
Colorimetric implications of the standard observer (2 degrees ) in metameric matches		Artículo	1998
Comparison of visual reaction time for chromatic changes under monocular and binocular conditions	Perception	Artículo	1998
Simple reaction time and spatial summation in the l/m-constant and s-constant cone axes	Perception	Artículo	1998
Tracing a metameric match to individual variations of color vision	Color research and application	Artículo	1998
Optimizing the constant-channel chromaticity and color gamut of crt color displays by control of brightness and contrast levels	Applied optics	Artículo	1996
Visual reaction time for chromaticity changes at constant luminance in different color representation systems	Journal of optics	Artículo	1996

Considerations on the calibration of color displays assuming constant channel chromaticity	Color research and application	Articulo	1995
Influence of the luminance signal and red-green and yellow-blue opponent chromatic signals in figural-stimuli stereograms	Optometry and vision science	Articulo	1995
Influence of the luminance signal of the red-green and yellow-blue chromatic opponent signals on rds-stereopsis	Perception	Articulo	1995

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
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## Actividades 8

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Participación en comité de revista: eurpean journal of physics		Comités científicos de revista	Jan 1, 2009
Participación en comité de revista: clinical and experimental optometry		Comités científicos de revista	Aug 1, 2007
Participación en comité de revista: imaging science journal		Comités científicos de revista	Jun 1, 2004
Participación en comité de revista: physiological measurement		Comités científicos de revista	Nov 1, 2007
Participación en comité de revista: journal of optics, a, pure and applied optics		Comités científicos de revista	Sep 1, 2006
Participación en comité de revista: optics communications		Comités científicos de revista	May 1, 2005
Participación en comité de revista: optical engineering		Comités científicos de revista	Dec 1, 2004
Participación en comité de revista: applied optics		Comités científicos de revista	May 1, 2004

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- EVA MARÍA VALERO BENITO (3)
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