



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



JOSE LUIS SILVAN CARDENAS

Datos Generales

Nombre: JOSE LUIS SILVAN CARDENAS

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

Estímulos, programas, premios y reconocimientos

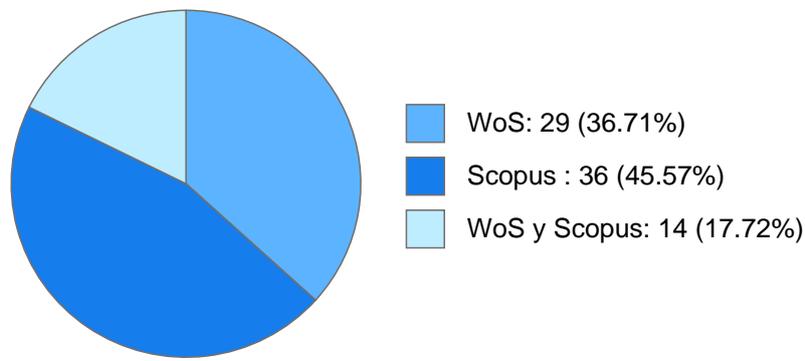
SNI II 2019 - 2023

SNI I 2013 - 2018

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Structured pointcloud segmentation for individual mangrove tree modeling	JOSE LUIS SILVAN CARDENAS JOSE ALBERTO GALLARDO CRUZ LAURA MONICA HERNANDEZ HUERTA	Lecture Notes in Computer Science	2020
2	Radiation budget of vegetation canopies with reflective surface: A generalization using the Markovian approach	JOSE LUIS SILVAN CARDENAS Corona-Romero, N.	REMOTE SENSING OF ENVIRONMENT	2017
3	Modelling canopy radiation budget through multiple scattering approximation: A case study of coniferous forest in Mexico City Valley	JOSE LUIS SILVAN CARDENAS Corona-Romero N.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2015
4	On quantifying post-classification subpixel landcover changes	JOSE LUIS SILVAN CARDENAS Wang, Le	ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING	2014
5	Remote Identification of Housing Buildings with High-Resolution Remote Sensing	JOSE LUIS SILVAN CARDENAS STEPHANE ROBERT ANDRE COUTURIER Almazán-González J.A.	Lecture Notes in Computer Science	2014

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6	A Multiscale erosion operator for discriminating ground points in LiDAR point clouds	JOSE LUIS SILVAN CARDENAS	Lecture Notes in Computer Science	2013
7	Spatial analysis to improve the use of field and satellite data to support better decision-making regarding water and the environment. Water Technology and Sciences (in Spanish) [Análisis espacial, hacia una utilización mejorada de la info	JOSE LUIS SILVAN CARDENAS Tapia-Silva F.O. Rosales-Arriaga E.	TECNOLOGIA Y CIENCIAS DEL AGUA	2013
8	Invasive Saltcedar (Tamarisk spp.) Distribution Mapping Using Multiresolution Remote Sensing Imagery	JOSE LUIS SILVAN CARDENAS Wang, Le Yang, Jun et al.	PROF GEOGR	2013
9	A segmentation method for tree crown detection and modelling from LiDAR Measurements	JOSE LUIS SILVAN CARDENAS	Lecture Notes in Computer Science	2012
10	Extraction of buildings footprint from lidar altimetry data with the hermite transform	JOSE LUIS SILVAN CARDENAS Wang L.	Lecture Notes in Computer Science	2011
11	Assessing fine-spatial-resolution remote sensing for small-area population estimation	JOSE LUIS SILVAN CARDENAS Wang L. Rogerson P. et al.	INTERNATIONAL JOURNAL OF REMOTE SENSING	2010
12	Fully Constrained Linear Spectral Unmixing: Analytic Solution Using Fuzzy Sets	JOSE LUIS SILVAN CARDENAS Wang, Le	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	2010
13	Retrieval of subpixel Tamarix canopy cover from Landsat data along the Forgotten River using linear and nonlinear spectral mixture models	JOSE LUIS SILVAN CARDENAS Wang L.	REMOTE SENSING OF ENVIRONMENT	2010
14	Representing geographical objects with scale-induced indeterminate boundaries: A neural network-based data model	JOSE LUIS SILVAN CARDENAS Wang, L. Zhan, F. B.	INTERNATIONAL JOURNAL OF GEOGRAPHICAL INFORMATION SCIENCE	2009
15	A multi-directional ground filtering algorithm for airborne LIDAR	JOSE LUIS SILVAN CARDENAS Meng X. Wang L. et al.	ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING	2009

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16	Neural network classification of mangrove species from multi-seasonal Ikonos imagery	JOSE LUIS SILVAN CARDENAS Wang L. Sousa W.P.	PHOTOGRAMM ENG REM S	2008
17	Sub-pixel confusion-uncertainty matrix for assessing soft classifications	JOSE LUIS SILVAN CARDENAS Wang, L.	REMOTE SENSING OF ENVIRONMENT	2008
18	Per-field urban land use classification based on tax parcel boundaries	JOSE LUIS SILVAN CARDENAS Wu S. Wang L.	INTERNATIONAL JOURNAL OF REMOTE SENSING	2007
19	A multi-resolution approach for filtering LiDAR altimetry data	JOSE LUIS SILVAN CARDENAS Wang L.	ISPRS JOURNAL OF PHOTOGRAMME TRY AND REMOTE SENSING	2006
20	The multiscale hermite transform for local orientation analysis	JOSE LUIS SILVAN CARDENAS BORIS ESCALANTE RAMIREZ	IEEE T IMAGE PROCESS	2006
21	Performance of geostatistical interpolation methods for modeling sampled data with non-stationary mean	JOSE LUIS SILVAN CARDENAS Rojas-Avellaneda D.	STOCHASTIC ENVIRONMENTA L RESEARCH AND RISK ASSESSMENT	2006
22	Multi-scale modeling of fuzzy spatial objects by means of neural networks	JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
23	Advanced modeling of visual information processing: A multi-resolution directional-oriented image transform based on Gaussian derivatives	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS	SIGNAL PROCESSING-IM AGE COMMUNICATIO N	2005
24	Monitoring short-term changes in bio-physical variables of forests with Landsat ETM	JOSE LUIS SILVAN CARDENAS Mora F.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004

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25	Optimal Design of Neural Networks for Land-cover Classification from Multispectral Imagery	JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
26	Markovian regularization of Hermite transform based SAR-image classification	PENELOPE LOPEZ QUIROZ BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
27	Optic flow estimation using the hermite transform	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS Yuen-Zhou H.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
28	SAR-Image Classification with a Directional-Oriented Discrete Hermite Transform and Markov Random Fields	BORIS ESCALANTE RAMIREZ PENELOPE LOPEZ QUIROZ JOSE LUIS SILVAN CARDENAS	International Geoscience And Remote Sensing Symposium (igarss)	2003
29	SAR-image classification with a directional-oriented discrete Hermite transform	BORIS ESCALANTE RAMIREZ PENELOPE LOPEZ QUIROZ JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002
30	Vector quantizer based on brightness maps for image compression with the polynomial transform	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS Moreno-Gutiérrez M.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002

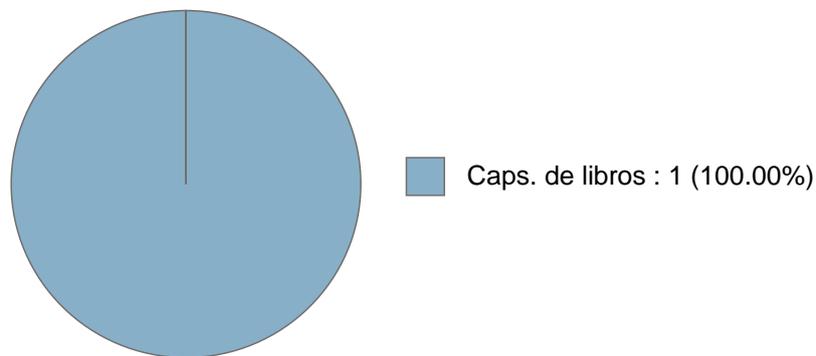
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31	A multiresolution directional-oriented image transform based on Gaussian derivatives	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
32	Image coding with a directional-oriented Hermite transform on a hexagonal lattice	JOSE LUIS SILVAN CARDENAS BORIS ESCALANTE RAMIREZ	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
33	Optic-flow information extraction with directional gaussian-derivatives	JOSE LUIS SILVAN CARDENAS BORIS ESCALANTE RAMIREZ	Proceedings - International Conference on Pattern Recognition	2000
34	Motion analysis and classification with directional Gaussian derivatives in image sequences	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2000
35	Optical-flow estimation by means of local projection analysis with the Radon-Hermite transform	BORIS ESCALANTE RAMIREZ JOSE LUIS SILVAN CARDENAS	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1999
36	Application of polynomial transforms to motion estimation	JOSE LUIS SILVAN CARDENAS BORIS ESCALANTE RAMIREZ	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1998

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Multiscale Approach for Ground Filtering from Lidar Altimetry Measurements	JOSE LUIS SILVAN CARDENAS Wang L.	Capítulo de un Libro	2014	9781118801628



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PARTICIPACIÓN EN PROYECTOS

No se encuentran registros en la base de datos de SISEPRO asociados a:

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JOSE LUIS SILVAN CARDENAS

DOCENCIA IMPARTIDA

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JOSE LUIS SILVAN CARDENAS

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024