

5.6.1 Publicaciones arbitradas:

Durante el 2014 se logró la publicación de un número importante de trabajos en revistas científicas arbitradas (249), la mayoría indizadas en JCR (197), además de contar con un número importante de publicaciones aceptadas. También se publicaron 185 trabajos en memorias en extenso de congresos internacionales de prestigio. Las publicaciones generadas por los investigadores del Instituto durante el presente año se muestran en la siguiente tabla.

Año	Astrofísica			Óptica			Electrónica			Ciencias Computacionales			Total		
	12	13	14	12	13	14	12	13	14	12	13	14	12	13	14
Artículos Arbitrados Publicados	45	53	74	36	58	56	75	77	89	36	32	30	192	220	249
Artículos Indizados Publicados	N/D	N/D	72	N/D	N/D	46	N/D	N/D	52	N/D	N/D	27	N/D	N/D	197
Artículos Arbitrados Aceptados	8	13	14	15	9	7	18	20	14	18	12	16	59	54	51
Artículos Indizados Aceptados	N/D	N/D	14	N/D	N/D	5	N/D	N/D	10	N/D	N/D	15	N/D	N/D	44
Memorias Internacional	44	23	26	74	41	50	57	48	44	38	65	48	213	177	168
Memorias Nacional	9	1	5	9	10	3	13	13	2	7	0	7	38	24	17

Artículos publicados por tipo y por Coordinación.

La meta propuesta en el Plan Estratégico de Mediano Plazo para el 2014 fue de 167 artículos arbitrados. Si sólo consideramos los artículos indizados, el número es de 197 publicados y 44 aceptados, para un total de 241, lo que nos permite afirmar que la meta se rebasó ampliamente. Por otro lado, si se consideran los artículos publicados y aceptados en revistas internacionales con arbitraje estricto, la cantidad durante el presente ejercicio fue de 300 (249+51), considerablemente por encima de la meta pactada para el ejercicio 2014.

Algunos otros resultados de la labor científica se muestran a continuación, mismos que complementan las actividades relacionadas con la investigación y la formación de recursos humanos.

Área	Astrofísica			Óptica			Electrónica			Cs. Comput.			Total		
	12	13	14	12	13	14	12	13	14	12	13	14	12	13	14
Libros especializados como co-autor	0	0	3	0	1	0	4	2	0	3	0	0	7	3	3
Capítulos de libro como autor	0	2	6	1	1	0	9	0	0	0	1	0	10	4	6
Capítulos de libro como co-autor	2	1	1	2	1	0	4	7	4	4	2	5	12	11	10
Edición de memorias de congresos	1	2	1	0	0	0	0	0	2	1	4	2	4	8	5
Artículos de divulgación	30	30	35	0	0	0	1	1	1	0	0	0	31	31	36
Conferencias invitadas	21	60	10	10	5	3	5	8	3	11	19	0	47	92	16

T Otros productos académicos

Con fundamento en lo anterior, este documento presenta los principales aspectos marcados en los Términos de Referencia para el Informe del Titular del Centro. Se presenta la tabla de los indicadores del Anexo III del CAR, y concluye con un breve resumen de las actividades desarrolladas, logros y avances, durante el 2014.

Las actividades del INAOE se han orientado con base en el Plan Estratégico de Mediano Plazo (PEMP), que se deriva del Programa Especial de Ciencia, Tecnología e Innovación (PECiTI), y por lo tanto contribuyen a darle cumplimiento a la Meta Nacional III del Plan Nacional de Desarrollo, "México con Educación de Calidad", específicamente a la Meta 3.5, que es la que cae en el ámbito de nuestra competencia. Ésta busca "Hacer del desarrollo científico, tecnológico y la innovación pilares para el progreso económico y social sostenible".

La actividad del INAOE, como un Centro Público de Investigación, tiene injerencia directa en los objetivos del PECiTI, y por ende, en los del PND, ya que esta actividad se focaliza en:

- 3.5.1. Contribuir a que la inversión nacional en investigación científica y desarrollo tecnológico crezca anualmente y alcance el 1% del PIB
- 3.5.2. Contribuir a la formación y fortalecimiento del capital humano de alto nivel
- 3.5.3. Impulsar el desarrollo de las vocaciones y capacidades de CTI locales, para fortalecer el desarrollo regional sustentable e incluyente.
- 3.5.4. Contribuir a la generación, transferencia y aprovechamiento del conocimiento vinculando a las IES y los centros de investigación con los sectores público, social y privado
- 3.5.5. Fortalecer la infraestructura científica y tecnológica del país.

5.6.1 PUBLICACIONES ARBITRADAS 2014									
TÍTULO	AUTORES	ÁREA	ISSN	NOMBRE DE LA REVISTA	VOLUMEN NO. DE PÁGINAS	PUB. EN JCR	FACTOR DE IMPACTO (web)	FACTOR DE IMPACTO (web - 5 años)	FACTOR DE IMPACTO (archivo PDF)
A compact FPGA-based processor for the Secure Hash Algorithm SHA-256	R. García, I. Algreto-Badillo, M. Morales-Sandoval, C. Feregrino-Urbe, R. Cumplido	Ciencias Computacionales	ISSN 0045-7906	Computers & Electrical Engineering	Volume 40, Issue 1, Pages 194-202	Sí	0.992	1,008	0.928
A framework for learning and planning against switching strategies in repeated games	Pablo Hernandez-Leal, Enrique Munoz de Cote and L. Enrique Sucar	Ciencias Computacionales	ISSN 0954-0091	Connection Science	vol. 26 issue 2	Sí	0.769	0.885	0.706
A KKT Simplex Method for Efficiently Solving Linear Programs for Grasp Analysis Based on the Identification of Nonbinding Constraints. (Un método simplex KKT para resolver eficientemente programas lineales para análisis de la sujeción basado en la identificación de restricciones no atadas)	Alejo Mosso Vázquez, David Juárez-Romero, Marco Antonio Cruz-Chávez, Luis Enrique Sucar	Ciencias Computacionales	ISSN 1405-5546	Computación y Sistemas	Vol. 18 No. 2, 2014 pp. 225-242	No	0	0	0.0649
A Node Linkage Approach for Sequential Pattern Mining	Oswaldo Navarro, René Cumplido, Luis Villaseñor-Pineda, Claudia Feregrino-Urbe, Jesús Ariel Carrasco-Ochoa	Ciencias Computacionales	ISSN: 1932-6203	PLOS ONE	Volume 9 issue 6	Sí	3,534	4,015	3.73

A survey of emerging patterns for supervised classification	Milton García-Borroto, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa	Ciencias Computacionales	ISSN: 0269-2821	Artificial Intelligence Review	Volume 42, Issue 4, pp 705-721	Sí	0.895	1,861	1,565
An Adaptive Random Search for Unconstrained Global Optimization	Jonás Velasco, Mario A. Saucedo, Hugo Jair Escalante, Karlo Mendoza, Cesar Emilio Villareal, Oscar Chacón, Adrián Rodríguez, Arturo Berrones	Ciencias Computacionales	ISSN: 1405-5546	Computación y Sistemas	Vol. 18(2):243—257	No	0	0	0.0649
An Area Efficient Composed CORDIC Architecture	Aguirre-Ramos, Francisco, Morales-Reyes, Alicia, Feregrino-Urbe, Claudia, Cumplido, René	Ciencias Computacionales	ISSN: 1582-7445	Advances in Electrical and Computer Engineering	Vol. 14, No. 2, pp. 113-116	Sí	0.642	0.58	0.552
Attitude Estimation using Fusion of Monocular SLAM and Inertial Sensors	Carlos Vianchada-Estevez, P.Jorge Escamilla-Ambrosio, Mariana Ibarra-Bonilla, Juan Manuel Ramirez-Cortes, Pilar Gomez-Gil	Ciencias Computacionales	ISSN: 1548-0992	IEEE Latin America Transactions	Vol. 12, No. 6, pp. 977-984	Sí	0.186	0	0.218
Automatic Stellar Spectral Classification Via Sparse Representations and Dictionary Learning	Raquel Díaz-Hernández, Hayde Peregrino-Barreto, Leopoldo Altamirano-Robles, Jesus A. González-Bernal, A. E. Ortiz-Esquivel	Ciencias Computacionales	0922-6435, Online: 1572-9508	Experimental Astronomy	Volume 38, Issue 1-2, pp 193-211	Sí	2,663	1,943	2,969

Computational model of abiogenic amino acid polymerization to form dipeptides	C. Polanco, J. Lino Samaniego, T. Buhse, J.A. Castañon Gonzalez, M., Arias-Estrada M.	Ciencias Computacionales	L ISSN 0001-527X, On-line Version: ISSN 1734-154X	Acta Biochimica Polonica	Vol. 61, No 2/2014. pp. 253-258	Sí	1,389	1,558	1,185
Computing Polynomial Segmentation Trough Radial Surface Representation	Leticia Flores Pulido, Gustavo Rodríguez-Gómez, Oleg Starostenko, Vicente Alarcón, and Alberto Portilla	Ciencias Computacionales	ISSN: 1870-9044	Polibits	Volumen 49, pp. 77-81	No	0	0	0
CSMMI: Class-Specific Maximization of Mutual Information for Action and Gesture Recognition	Jun Wan, Isabelle Guyon, Vassilis Athitsos, Pat Jangyodusk, Hugo Jair Escalante, Qiuqi Ruan	Ciencias Computacionales	ISSN: 1057-7149	IEEE Transactions on Image Processing	Vol. 23(7):3152--3165	Sí	3,111	3,925	3,199
Detection of defective home appliances with embedded bearings: a machine learning approach	Mario A. Saucedo-Espinosa, Hugo Jair Escalante, Arturo Berrones	Ciencias Computacionales	ISSN: 0956-5515	Journal of Intelligent Manufacturing		Sí	1,142	1,658	1.2
Extending a spherical robot for dealing with irregular surfaces: A sea urchin-like robot	Jorge Ocampo, Angélica Muñoz-Meléndez, Gustavo Rodríguez-Gómez	Ciencias Computacionales	ISSN: 0169-1864	Advanced Robotics	Vol. 28, No. 22, pp. 1475-1485	Sí	0.562	0.636	0.51
Gesture Therapy: An upper limb virtual reality-based motor rehabilitation platform	Luis Enrique Sucar, Felipe Orihuela-Espina, Roger Luis Velazquez, David J. Reinkensmeyer, Ronald Leder, and Jorge Hernández-Franco	Ciencias Computacionales	ISSN: 1534-4320	IEEE in Transactions on Neural Systems & Rehabilitation Engineering	Vol. 22, No. 3, pp. 634-643	Sí	2,821	3,265	3,255

Hardware Architecture for Security Improved Fallahpour Audio Watermarking Scheme	Claudia Feregrino-Uribe, Ernesto Aparicio-Díaz, José Juan García-Hernández, Alejandra Menendez, René Cumplido, Alicia Morales-Reyes	Ciencias Computacionales	ONLINE ISSN: 1349-2543	IEICE Electronics Express	Vol. 11 (2014)	Sí	0.391	0.373	0.27
Introduction to the special issue on supervised and unsupervised classification techniques and their applications	Boyer, Kim L.; Martínez-Trinidad, Jose Francisco; Carrasco-Ochoa, Jesus Ariel	Ciencias Computacionales	ISSN: 0167-8655	Pattern Recognition Letters	Volumen 41, pp. 1-2	Sí	1,062	1,466	1,266
Learning to Assemble Classifiers via Genetic Programming	Niusvel Acosta-Mendoza, Alicia Morales-Reyes, Hugo Jair Escalante, Andres Gago-Alonso	Ciencias Computacionales	ISSN: 0218-0014	International Journal of Pattern Recognition and Artificial Intelligence	Vol. 28	Sí	0.558	0.856	0.562
Mining maximal frequent patterns in a single graph using inexact matching	Marisol Flores-Garrido, Jesús-Ariel Carrasco-Ochoa, and José Fco. Martínez-Trinidad	Ciencias Computacionales	ISSN: 0950-7051	Knowledge-Based Systems	Volume 66, Pages: 166-177	Sí	3,058	2,920	4,104
Multidimensional hierarchical classification	Julio Hernández, L. Enrique Sucar, Eduardo F. Morales	Ciencias Computacionales	ISSN: 0957-4174	Expert Systems with Applications	Volume 41, Issue 17, Pp 7671-7677	Sí	1,965	2,254	1,854
Multi-label Classification with Bayesian Network-based Chain Classifiers	L. Enrique Sucar, Concha Bielza, Eduardo F. Morales, Pablo Hernandez-Leala, Julio H. Zaragoza, Pedro Larrañaga	Ciencias Computacionales	ISSN: 0167-8655	Pattern Recognition Letters	Volume 41, Pages 14-22	Sí	1,062	1,466	1,266

Multi-Objective Model Type Selection	Alejandro Rosales-Perez, Jesus A Gonzalez, Carlos A Coello Coello, Hugo Jair Escalante, Carlos A Reyes-Garcia	Ciencias Computacionales	ISSN: 0925-2312	Neurocomputing	Vol. 146, Pages 83-94	Sí	2,005	2,102	1,634
Sequential application of Viscous Opening and Lower Leveling for 3D Brain Extraction on MRI T1	Jorge Domingo Mendiola-Santibañez, Martín Gallegos-Duarte, Miguel Octavio Arias-Estrada, Israel Marcos Sanfillán-Méndez, Juvenal Rodríguez-Reséndiz, Iván Ramón Terol-Villalobos	Ciencias Computacionales	ISSN: 1017-9909	Journal of Electronic Imaging	Volumen 23/Issue 3	Sí	0.850	1,024	1,061
Synthesizing VHDL from Activity Models in UML 2	Tomás Balderas Contreras, René Cumplido, Gustavo Rodríguez	Ciencias Computacionales	ISSN: 1097-007X	International Journal of Circuit Theory and Applications	Volume 42, Issue 5, pages 542-550	Sí	1,210	0.685	1,293
Temporal Alignment Model for Data Streams in Wireless Sensor Networks Based on Causal Dependencies	Jose Roberto Perez Cruz and Saul E. Pomares Hernandez	Ciencias Computacionales	ISSN: 1550-1329	International Journal of Distributed Sensor Networks	vol. 2014	Sí	0.923	0.735	0.727
The ChaLearn Gesture Dataset (CGD 2011)	Isabelle Guyon, Vassilis Athitsos, Pat Jangyodsuk, Hugo Jair Escalante	Ciencias Computacionales	ISSN: 0932-8092	Machine Vision and Applications		Sí	1,444	1,439	1,103
Transfer Learning for Continuous State and Action Spaces	Esteban O. García, Enrique Muñoz de Cote, Eduardo F. Morales	Ciencias Computacionales	ISSN: 0218-0014	International Journal of Pattern Recognition and Artificial Intelligence	Vol. 28	Sí	0.558	0.856	0.562

Transition Regions Detection based on Evolutionary Region Growing Segmentation	Jorge Morales Cruz, Jesus A. Gonzalez, Carlos A. Reyes, and Leopoldo Altamirano	Ciencias Computacionales	ISSN: 1088-467X	In Intelligent Data Analysis	Volume 18, Issue 2, pp. 305-316	Sí	0.500	0.548	0.472
Volumetric Next-best-view Planning for 3D Object Reconstruction with Positioning Error	J. Irving Vasquez-Gomez, L. Enrique Sucar, Rafael Murrieta-Cid and Efrain Lopez-Damian	Ciencias Computacionales	ISSN 1729-8806	International Journal of Advanced Robotic Systems		Sí	0.497	0.579	0.821
Wind Speed Forecasting using Portfolio of Forecasters	Mario Graff, Rafael Peña, Aurelio Medina, Hugo Jair Escalante	Ciencias Computacionales	ISSN: 0960-1481	Renewable Energy	Volumene 68 pp. 550-559	Sí	3,361	3,842	2,989
Non-axisymmetric Structure in the Satellite Dwarf Galaxy NGC 2976: Implications for its Dark/Bright Mass Distribution and Evolution	Valenzuela, O., Hernandez-Toledo, H., Cano, M., Puerari, I., Buta, R., Pichardo, B., Groess, R.	Astrofísica	0004-6256	The Astronomical Journal	27	SI	4.052	4.16	4.965
Optical Spectroscopic Observations of γ -Ray Blazar Candidates. I. Preliminary Results	Paggi, A., Milsavljevic, D., Masetti, N., Jiménez-Bailón, E., Chavushyan, V., D'Abrusco, R., Massaro, F., Giroletti, M., Smith, H. A., Margutti, R., Tosti, G., Martínez-Galarza, J. R., Oti-Flóranes, H., Landoni, M., Grindlay, J. E., Funk, S.	Astrofísica	0004-6256	The Astronomical Journal	112	SI	4.052	4.16	4.965
A New Method to Estimate Local Pitch Angles in Spiral Galaxies: Application to Spiral Arms and Feathers in M81 and M51	Puerari, I., Elmegreen, B. G., Block, D. L.	Astrofísica	0004-6256	The Astronomical Journal	133	SI	4.052	4.16	4.965

A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA	Sánchez, S. F., Rosales-Ortega, F. F., Iglesias-Páramo, J., Mollá, M., Barrera-Ballesteros, J., Marino, R. A., Pérez, E., Sánchez-Blazquez, P., González Delgado, R., Cid Fernandes, R., de Lorenzo-Cáceres, A., Mendez-Abreu, J., Galbany, L., Falcon-Barroso, J., Miralles-Caballero, D., Husemann, B., García-Benito, R., Mast, D., Walcher, C. J., Gil de Paz, A., García-Lorenzo, B., Jungwiert, B., Vilchez, J. M., JÅ-kovÅ, L., Lyubenova, M., Cortijo-Ferrero, C., Dí-az, A. I., Wisotzki, L., Márquez, I., Bland-Hawthorn, J., Ellis, S., van de Ven, G., Jahnke, K., Papaderos, P., Gomes, J. M., Mendoza, M. A., López-Sánchez, Å. R.	Astrofísica	0004-6361	Astronomy & Astrophysics	49	SI	4.479	4.288	5.084
A Spitzer-IRS view of early-type galaxies with cuspy/core nuclei and fast/slow rotation	Rampazzo, R., Vega, O., Bressan, A., Clemens, M. S., Marino, A., Panuzzo, P.	Astrofísica	0004-6361	Astronomy & Astrophysics	50	SI	4.479	4.288	5.084

Accurate classification of 75 counterparts of objects detected in the 54-month Palermo Swift/BAT hard X-ray catalogue	Parisi, P., Masetti, N., Rojas, A. F., Jiménez-Bailón, E., Chavushyan, V., Palazzi, E., Bassani, L., Bazzano, A., Bird, A. J., Galaz, G., Minniti, D., Morelli, L., Ubertini, P.	Astrofísica	0004-6361	Astronomy & Astrophysics	67	SI	4.479	4.288	5.084
Can eccentric debris disks be long-lived?. A first numerical investigation and application to ζ Centauri	Faramaz, V., Beust, H., Thébault, P., Augereau, J.-C., Bonsor, A., del Burgo, C., Ertel, S., Marshall, J. P., Milli, J., Montesinos, B., Mora, A., Bryden, G., Danchi, W., Eiroa, C., White, G. J., Wolf, S.	Astrofísica	0004-6361	Astronomy & Astrophysics	72	SI	4.479	4.288	5.084
Correlations between the stellar, planetary, and debris components of exoplanet systems observed by Herschel	Marshall, J. P., Moro-Martín, A., Eiroa, C., Kennedy, G., Mora, A., Sibthorpe, B., Lestrade, J.-F., Maldonado, J., Sanz-Forcada, J., Wyatt, M. C., Matthews, B., Horner, J., Montesinos, B., Bryden, G., del Burgo, C., Greaves, J. S., Ivison, R. J., Meeus, G., Olofsson, G., Pilbratt, G. L., White, G. J.	Astrofísica	0004-6361	Astronomy & Astrophysics	15	SI	4.479	4.288	5.084

Fossil group origins. III. The relation between optical and X-ray luminosities	Girardi, M., Aguerri, J. A. L., De Grandi, S., D'Onghia, E., Barrena, R., Boschin, W., Méndez-Abreu, J., Sánchez-Janssen, R., Zarattini, S., Biviano, A., Castro-Rodríguez, N., Corsini, E. M., del Burgo, C., Iglesias-Páramo, J., Vilchez, J. M.	Astrofísica	0004-6361	Astronomy & Astrophysics	115	SI	4.479	4.288	5.084
Fossil group origins. IV. Characterization of the sample and observational properties of fossil systems	Zarattini, S., Barrena, R., Girardi, M., Castro-Rodríguez, N., Boschin, W., Aguerri, J. A. L., Méndez-Abreu, J., Sánchez-Janssen, R., Catalán-Torrecilla, C., Corsini, E. M., del Burgo, C., D'Onghia, E., Herrera-Ruiz, N., Iglesias-Páramo, J., Jimenez Bailon, E., Lozada Muoz, M., Napolitano, N., Vilchez, J. M.	Astrofísica	0004-6361	Astronomy & Astrophysics	116	SI	4.479	4.288	5.084
How dusty is a Centauri?. Excess or non-excess over the infrared photospheres of main-sequence stars	Wiegert, J., Liseau, R., Thébaud, P., Olofsson, G., Mora, A., Bryden, G., Marshall, J. P., Eiroa, C., Montesinos, B., Ardila, D., Augereau, J. C., Bayo Aran, A., Danchi, W. C., del Burgo, C., Ertel, S., Fridlund, M. C. W., Hajigholi, M., Krivov, A. V., Pilbratt, G. L., Roberge, A.,	Astrofísica	0004-6361	Astronomy & Astrophysics	102	SI	4.479	4.288	5.084

	White, G. J., Wolf, S.								
Potential multi-component structure of the debris disk around HIP 17439 revealed by Herschel/DUNES	Ertel, S., Marshall, J. P., Augereau, J.-C., Krivov, A. V., Löhne, T., Eiroa, C., Mora, A., del Burgo, C., Montesinos, B., Bryden, G., Danchi, W., Kirchschrager, F., Liseau, R., Maldonado, J., Pilbratt, G. L., Schüppler, C., Thébault, P., White, G. J., Wolf, S.	Astrofísica	0004-6361	Astronomy & Astrophysics	114	SI	4.479	4.288	5.084

<p>The effects of spatial resolution on integral field spectrograph surveys at different redshifts - The CALIFA perspective</p>	<p>Mast, D., Rosales-Ortega, F. F., Sanchez, S. F., Víchez, J. M., Iglesias-Paramo, J., Walcher, C. J., Husemann, B., Márquez, I., Marino, R. A., Kennicutt, R. C., Monreal-Ibero, A., Galbany, L., de Lorenzo-Cáceres, A., Mendez-Abreu, J., Kehrig, C., del Olmo, A., Relaño, M., Wisotzki, L., Marmol-Queraltó, E., Bekeraite S., Papaderos, P., Wild, V., Aguerri, J. A. L., Falcón-Barroso, J., Bomans, D. J., Ziegler, B., García-Lorenzo, B., Bland-Hawthorn, J., López-Sánchez, A. R., van de Ven, G.</p>	<p>Astrofísica</p>	<p>0004-6361</p>	<p>Astronomy & Astrophysics</p>	<p>129</p>	<p>SI</p>	<p>4.479</p>	<p>4.288</p>	<p>5.084</p>
---	---	--------------------	------------------	-------------------------------------	------------	-----------	--------------	--------------	--------------

Two active states of the narrow-line gamma-ray-loud AGN GB 1310+487	Sokolovsky, K. V., Schinzel, F. K., Tanaka, Y. T., Abolmasov, P. K., Angelakis, E., Bulgarelli, A., Carrasco, L., Cenko, S. B., Cheung, C. C., Clubb, K. I., D'Ammando, F., Escande, L., Fegan, S. J., Filippenko, A. V., Finke, J. D., Fuhrmann, L., Fukazawa, Y., Hays, E., Healey, S. E., Ikejiri, Y., Itoh, R., Kawabata, K. S., Komatsu, T., Kovalev, Y. A., Kovalev, Y. Y., Krichbaum, T. P., Larsson, S., Lister, M. L., Lott, B., Max- Moerbeck, W., Nestoras, I., Pittori, C., Pursimo, T., Pushkarev, A. B., Readhead, A. C. S., Recillas, E., Richards, J. L., Riquelme, D., Romani, R. W., Sakimoto, K., Sasada, M., Schmidt, R., Shaw, M. S., Sievers, A., Thompson, D. J., Uemura, M., Ungerechts, H., Vercellone, S., Verrecchia, F., Yamanaka, M., Yoshida, M., Zensus, J. A.	Astrofísica	0004-6361	Astronomy & Astrophysics	26	SI	4.479	4.288	5.084
---	---	-------------	-----------	-----------------------------	----	----	-------	-------	-------

<p>CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey</p>	<p>Walcher, C. J., Wisotzki, L., Bekeraité, S., Husemann, B., Iglesias-Páramo, J., Backsmann, N., Barrera Ballesteros, J., Catalán- Torrecilla, C., Cortijo, C., del Olmo, A., Garcia Lorenzo, B., Falcón-Barroso, J., Jilkova, L., Kalinova, V., Mast, D., Marino, R. A., Méndez-Abreu, J., Pasquali, A., Sánchez, S. F., Trager, S., Zibetti, S., Aguerri, J. A. L., Alves, J., Bland- Hawthorn, J., Boselli, A., Castillo Morales, A., Cid Fernandes, R., Flores, H., Galbany, L., Gallazzi, A., García-Benito, R., Gil de Paz, A., González- Delgado, R. M., Jahnke, K., Jungwiert, B., Kehrig, C., Lyubenova, M., Márquez Perez, I., Masegosa, J., Monreal Ibero, A., Pérez, E., Quirrenbach, A., Rosales-Ortega, F. F., Roth, M. M., Sanchez-Blazquez, P., Spekkens, K., Tundo, E., van de Ven, G., Verheijen, M. A. W., Vilchez, J. V., Ziegler, B.</p>	<p>Astrofísica</p>	<p>0004-6361</p>	<p>Astronomy & Astrophysics</p>	<p>AA1</p>	<p>SI</p>	<p>4.479</p>	<p>4.288</p>	<p>5.084</p>
--	---	--------------------	------------------	--	------------	-----------	--------------	--------------	--------------

GTC spectra of z 2.3 quasars: comparison with local luminosity analogs	Sulentic, J. W., Marziani, P., del Olmo, A., Dultzin, D., Perea, J., Negrete, C.A.	Astrofísica	0004-6361	Astronomy & Astrophysics	AA96	SI	4.479	4.288	5.084
Nearby supernova host galaxies from the CALIFA Survey. I. Sample, data analysis, and correlation to star-forming regions	Galbany, L., Stanishev, V., Mourão, A. M., Rodrigues, M., Flores, H., García- Benito, R., Mast, D., Mendoza, M. A., Sánchez, S. F., Badenes, C., Barrera- Ballesteros, J., Bland-Hawthorn, J., Falcón-Barroso, J., García-Lorenzo, B., Gomes, J. M., González Delgado, R. M., Kehrig, C., Lyubenova, M., López-Sánchez, A. R., de Lorenzo- Cáceres, A., Marino, R. A., Meidt, S., Mollá, M., Papaderos, P., Pérez-Torres, M. A., Rosales-Ortega, F. F., van de Ven, G.	Astrofísica	0004-6361	Astronomy & Astrophysics	AA38	SI	4.479	4.288	5.084
Spectral optical monitoring of the double-peaked emission line AGN Arp 102B. II. Variability of the broad line properties	Popović, L. Č., Shapovalova, A. I., Ilić, D., Burenkov, A. N., Chavushyan, V. H., Kollatschny, W., Kovačević, A., Valdés, J. R., León-Tavares, J., Bochkarev, N. G., Patiño-Álvarez, V. (est), Torrealba, J.	Astrofísica	0004-6361	Astronomy & Astrophysics	66	SI	4.479	4.288	5.084

<p>Stellar population gradients in galaxy discs from the CALIFA survey. The influence of bars</p>	<p>Sánchez-Blázquez, P., Rosales-Ortega, F. F., Méndez-Abreu, J., Pérez, I., Sánchez, S. F., Zibetti, S., Aguerri, J. A. L., Bland-Hawthorn, J., Catalán-Torrecilla, C., Cid Fernandes, R., de Amorim, A., de Lorenzo-Caceres, A., Falcón-Barroso, J., Galazzi, A., García Benito, R., Gil de Paz, A., González Delgado, R., Husemann, B., Iglesias-Páramo, J., Jungwiert, B., Marino, R. A., Márquez, I., Mast, D., Mendoza, M. A., Mollá, M., Papaderos, P., Ruiz-Lara, T., van de Ven, G., Walcher, C. J., Wisotzki, L.</p>	<p>Astrofísica</p>	<p>0004-6361</p>	<p>Astronomy & Astrophysics</p>	<p>AA6</p>	<p>SI</p>	<p>4.479</p>	<p>4.288</p>	<p>5.084</p>
---	--	--------------------	------------------	-------------------------------------	------------	-----------	--------------	--------------	--------------

<p>The Mice at play in the CALIFA survey. A case study of a gas-rich major merger between first passage and coalescence</p>	<p>Wild, V., Rosales-Ortega, F., Falcón-Barroso, J., García-Benito, R., Gallazzi, A., González Delgado, R. M., Bekeraïté, S., Pasquali, A., Johansson, P. H., García Lorenzo, B., van de Ven, G., Pawlik, M., Pérez, E., Monreal-Ibero, A., Lyubenova, M., Cid Fernandes, R., Méndez-Abreu, J., Barrera-Ballesteros, J., Kehrig, C., Iglesias-Páramo, J., Bomans, D. J., Márquez, I., Johnson, B. D., Kennicutt, R. C., Husemann, B., Mast, D., Sánchez, S. F., Walcher, C. J., Alves, J., Aguerri, A. L., Alonso Herrero, A., Bland-Hawthorn, J., Catalán-Torrecilla, C., Florido, E., Gomes, J. M., Jahnke, K., López-Sánchez, A. R., de Lorenzo-Cáceres, A., Marino, R. A., Marmol-Queraltó, E., Olden, P., del Olmo, A., Papaderos, P., Quirrenbach, A., Vilchez, J. M., Ziegler, B.</p>	<p>Astrofísica</p>	<p>0004-6361</p>	<p>Astronomy & Astrophysics</p>	<p>AA132</p>	<p>SI</p>	<p>4.479</p>	<p>4.288</p>	<p>5.084</p>
---	--	--------------------	------------------	-------------------------------------	--------------	-----------	--------------	--------------	--------------

X-ray AGN in the XMM-LSS galaxy clusters: no evidence of AGN suppression	Koulouridis, E., Pilonis, M., Melnyk, O., Elyiv, A., Georgantopoulos, I., Clerc, N., Surdej, J., Chiappetti, L., Pierre, M.	Astrofísica	0004-6361	Astronomy & Astrophysics	83	SI	4.479	4.288	5.084
C/O Abundance Ratios, Iron Depletions, and Infrared Dust Features in Galactic Planetary Nebulae	Delgado-Inglada, G., Rodríguez, M.	Astrofísica	0004-637X	The Astrophysical Journal	18	SI	14.137	12.22	6.733
Giant Molecular Clouds and Massive Star Formation in the Southern Milky Way	García, P., Bronfman, L., Nyman, L.-Å., Dame, T. M., Luna, A.	Astrofísica	0004-637X	The Astrophysical Journal	2	SI	14.137	12.22	6.733
Nuclear Star Formation Activity and Black Hole Accretion in Nearby Seyfert Galaxies	Esquej, P., Alonso-Herrero, A., González-Martín, O., Honig, S. F., Hernán-Caballero, A., Roche, P., Ramos Almeida, C., Mason, R. E., Díaz-Santos, T., Levenson, N. A., Aretxaga, I., Rodríguez Espinosa, J. M., Packham, C.	Astrofísica	0004-637X	The Astrophysical Journal	86	SI	14.137	12.22	6.733
On the Impact of Radiation Pressure on the Dynamics and Inner Structure of Dusty Wind-driven Shells	Martínez-González, S. (est.), Silich, S., Tenorio-Tagle, G.	Astrofísica	0004-637X	The Astrophysical Journal	164	SI	14.137	12.22	6.733
Probing the Dark Ages at $z \sim 20$: The SCI-HI 21 cm All-sky Spectrum Experiment	Voytek, T. C., Natarajan, A., Jáuregui García, J. M. (est.), Peterson, J. B., López-Cruz, O.	Astrofísica	0004-637X	The Astrophysical Journal	9	SI	14.137	12.22	6.733

Subaru Spectroscopy and Spectral Modeling of Cygnus A	Merlo, M. J., Perلمان, E. S., Nikutta, R., Packham, C., Elitzur, M., Imanishi, M., Levenson, N. A., Radomski, J. T., Arexaga, I.	Astrofísica	0004-637X	The Astrophysical Journal	6	SI	14.137	12.22	6.733
A New Method to Obtain the Broad Line Region Size of High Redshift Quasars	Negrete, C. A., Dultzin, D., Marziani, P., Sulentic, J. W.	Astrofísica	0004-637X	The Astrophysical Journal	95	SI	14.137	12.22	6.733
An extremely low gas-to-dust ratio in the dust-lane lenticular galaxy NGC 5485	Baes, M., Allaert, F., Sarzi, M., De Looze, I., Fritz, J., Gentile, G., Hughes, T. M., Puerari, I., Smith, M. W. L., Viaene, S.	Astrofísica	0004-637X	The Astrophysical Journal	L90-L94	SI	14.137	12.22	6.733
An Optical-Near-IR Study of a Triplet of Super Star Clusters in the Starburst Core of M82	Westmoquette, M. S., Bastian, N., Smith, L. J., Seth, A. C., Gallagher, J. S., III, O'Connell, R. W., Ryon, J. E., Silich, S., Mayya, Y. D., Muñoz-Tuñón, C., Rosa González, D.	Astrofísica	0004-637X	The Astrophysical Journal	94	SI	14.137	12.22	6.733
Early Science with the Large Millimeter Telescope: Exploring the Effect of AGN Activity on the Relationships between Molecular Gas, Dust, and Star Formation	Kirkpatrick, A., Pope, A., Arexaga, I., Armus, L., Calzetti, D., Helou, G., Montaña, A., Narayanan, G., Schloerb, F. P., Shi, Y., Vega, O., Yun, M. S.	Astrofísica	0004-637X	The Astrophysical Journal	135	SI	14.137	12.22	6.733

Exploring the Blazar Zone in High-energy Flares of FSRQs	Pacciani, L., Tavecchio, F., Donnarumma, I., Stamerra, A., Carrasco, L., Recillas, E., Porras, A., Uemura, M.	Astrofísica	0004-637X	The Astrophysical Journal	45	SI	14.137	12.22	6.733
Observation of Small-scale Anisotropy in the Arrival Direction Distribution of TeV Cosmic Rays with HAWC	Abeysekara, A. U., Alfaro, R., Alvarez, C., Alvarez, J. D., Arceo, R., Arteaga-Velázquez, J. C., Ayala Solares, H. A., Barber, A. S., Baughman, B. M., Bautista-Eliivar, N., más 90 coautores (incluyendo Bonillas Rosales, M. (est.) #13, Carramiñana, A. #16, Galindo, A. (est.) #30, Mendoza Torres, E. #61, Rosa-Gonzalez, D. #74, Torres, I. (#88).	Astrofísica	0004-637X	The Astrophysical Journal	108	SI	14.137	12.22	6.733
On the Onset of Secondary Stellar Generations in Giant Star-forming Regions and Massive Star Clusters	Palous, J., Wunsch, R., Tenorio-Tagle, G.	Astrofísica	0004-637X	The Astrophysical Journal	105	SI	14.137	12.22	6.733
Rotation of the Optical Polarization Angle Associated with the 2008 Gamma-Ray Flare of Blazar W Comae	Sorcía, M., Benítez, E., Hiriart, D., López, J. M., Cabrera, J. I., Mújica, R.	Astrofísica	0004-637X	The Astrophysical Journal	54	SI	14.137	12.22	6.733
The Behavior of the Pitch Angle of Spiral Arms Depending on Optical Wavelength	Martínez-García, E. E., Puerari, I., Rosales-Ortega, F. F., González-Lópezlira, R. A., Fuentes-Carrera, I., Luna, A.	Astrofísica	0004-637X	The Astrophysical Journal	19	SI	14.137	12.22	6.733

The Brightest Cluster Galaxy in A85: The Largest Core Known So Far	López-Cruz, O., Añorve, C., Birkinshaw, M., Worrall, D. M., Ibarra-Medel, H. J. (est.), Barkhouse, W. A., Torres- Papaqui, J. P., Motta, V.	Astrofísica	0004-637X	The Astrophysical Journal	LL31	SI	14.137	12.22	6.733
The Host Galaxy of the Gamma-Ray Narrow-line Seyfert 1 Galaxy 1H 0323+342	León Tavares, J., Kotilainen, J., Chavushyan, V., Añorve, C., Puerari, I., Cruz- González, I., Patiño-Alvarez, V. (est.), Antón, S., Caramiñana, A., Carrasco, L., Guichard, J., Karhunen, K., Olguín-Iglesias, A. (est.), Sanghvi, J., Valdes, J.	Astrofísica	0004-637X	The Astrophysical Journal	58	SI	14.137	12.22	6.733
The Shock-induced Star Formation Sequence Resulting from a Constant Spiral Pattern Speed	Martínez- García, E. E., Puerari, I.	Astrofísica	0004-637X	The Astrophysical Journal	118	SI	14.137	12.22	6.733
Photon-Noise Limited Performance in Aluminum LEKIDs	Mauskopf, P. D., Doyle, S., Barry, P., Rowe, S., Bidead, A., Ade, P. A. R., Tucker, C., Castillo, E., Monfardini, A., Goupy, J., Calvo, M.	Astrofísica	0022-2291	JOURNAL OF LOW TEMPERATURE PHYSICS	545-552	SI	1,036	0.927	1,183

Suppression of cooling by strong magnetic fields in white dwarf stars	Valyavin, G., Shulyak, D., Wade, G. A., Antonyuk, K., Zharikov, S. V., Galazutdinov, G. A., Plachinda, S., Bagnulo, S., Fox Machado, L., Alvarez, M., Clark, D. M., Lopez, J. M., Hiriart, D., Han, I., Jeon, Y.-B., Zurita, C., Mujica, R., Burlakova, T., Szeifert, T., Burenkov, A.	Astrofísica	0028-0836	Nature	88-91	SI	42,351	40,783	38,597
Analysis of the common characteristics of the Hartmann, Ronchi, and Shack-Hartmann tests	Granados-Agustín, F. S., Cardona-Núñez, O., Díaz-Uribe, R., Percino-Zacañas, E., Zárate-Rivera, A. M., Cornejo-Rodríguez, A.	Astrofísica	0030-4026	Optik - International Journal for Light and Electron Optics	667-670	SI	0.769	0.73	0.524
The $L-f$ relation for massive bursts of star formation	Chávez, R. (est.), Terlevich, R., Terlevich, E., Bresolin, F., Melnick, J., Plionis, M., Basilakos, S.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3565-3597	SI	5.226	4.79	5.521
Searching for infrared excesses in Sun-like stars observed by WISE	Cruz-Saenz de Miera (est.), F., Chavez, M., Bertone, E., Vega, O.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	391-396	SI	5.226	4.79	5.521
A study of the ionized gas in Stephan's Quintet from integral field spectroscopy observations	Rodríguez-Baras, M., Rosales-Ortega, F. F., Díaz, A. I., Sánchez, S. F., Pasquali, A.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	495-508	SI	5.226	4.79	5.521

Alignment in star-debris disc systems seen by Herschel	Greaves, J. S., Kennedy, G. M., Thureau, N., Eiroa, C., Marshall, J. P., Maldonado, J., Matthews, B. C., Olofsson, G., Barlow, M. J., Moro-Martín, A., Sibthorpe, B., Absil, O., Ardila, D. R., Booth, M., Broekhoven-Fiene, H., Brown, D. J. A., Cameron, A. C., del Burgo, C., Di Francesco, J., Eislöffel, J., Duchêne, G., Ertel, S., Holland, W. S., Horner, J., Kalas, P., Kavelaars, J. J., Lestrade, J.-F., Vican, L., Wilner, D. J., Wolf, S., Wyatt, M. C.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	31-35	SI	5.226	4.79	5.521
AzTEC/ASTE 1.1-mm survey of SSA22: Counterpart identification and photometric redshift survey of submillimetre galaxies	Umehata, H., Tamura, Y., Kohno, K., Hatsukade, B., Scott, K. S., Kubo, M., Yamada, T., Ivison, R. J., Cybulski, R., Aretxaga, I., Austermann, J., Hughes, D. H., Ezawa, H., Hayashino, T., Ikarashi, S., Iono, D., Kawabe, R., Matsuda, Y., Matsuo, H., Nakanishi, K., Oshima, T., Perera, T., Takata, T., Wilson, G. W., Yun, M. S.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3462-3478	SI	5.226	4.79	5.521

Investigating the sensitivity of observed spectral energy distributions to clumpy torus properties in Seyfert galaxies	Ramos Almeida, C., Alonso-Herrero, A., Levenson, N. A., Asensio Ramos, A., Rodríguez Espinosa, J. M., González-Martín, O., Packham, C., Martínez, M. (est.)	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3847-3859	SI	5.226	4.79	5.521
Ionizing stellar population in the disc of NGC 3310 - I. The impact of a minor merger on galaxy evolution	Miralles-Caballero, D., Díaz, A. I., Rosales-Ortega, F. F., Pérez-Montero, E., Sánchez, S. F.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	2265-2289	SI	5.226	4.79	5.521
Multiwavelength observations of the I^{a} -ray-emitting narrow-line Seyfert 1 PMN J0948+0022 in 2011	4. D'Ammando, F., Larsson, J., Orienti, M., Raiteri, C. M., Angelakis, E., Carramiñana, A., Carrasco, L., Drake, A. J., Fuhrmann, L., Giroletti, M., Hovatta, T., Max-Moerbeck, W., Porras, A., Readhead, A. C. S., Recillas, E., Richards, J. L.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3521-3534	SI	5.226	4.79	5.521
PPAK Wide field Integral Field Spectroscopy of NGC 628 - III. Stellar population properties	Sánchez-Blázquez, P., Rosales-Ortega, F., Díaz, A., Sánchez, S. F.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	1534-1548	SI	5.226	4.79	5.521

Spectroscopic signatures of youth in low-mass kinematic candidates of young moving groups	Gálvez-Ortiz, M. C., Kuznetsov, M. (est.), Clarke, J. R. A., Pavlenko, Y. V., Folkes, S. L., Pinfield, D. J., Jones, H. R. A., Jenkins, J. S., Barnes, J. R., Burningham, B., Day-Jones, A. C., Martín, E. L., García Pérez, A. E., del Burgo, C., Pokorny, R. S.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3890-3907	SI	5.226	4.79	5.521
WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf	I. Birkby, J. L., Cappetta, M., Cruz, P., Koppenhoefer, J., Ivanyuk, O., Mustill, A. J., Hodgkin, S. T., Pinfield, D. J., Sípócz, B., Kovács, G., Soglià, R., Pavlenko, Y., Barrado, D., Bayo, A., Campbell, D., Catalan, S., Fossati, L., Gálvez-Ortiz, M.-C., Kenworthy, M., Lillo-Box, J., Martín, E. L., Misiis, D., de Mooij, E. J. W., Nefs, S. V., Snellen, I. A. G., Stoev, H., Zendejas, J., del Burgo, C., Barnes, J., Goulding, N., Haswell, C. A., Kuznetsov, M. (est.), Lodieu, N., Murgas, F., Palte, E., Solano, E., Steele, P., Tata, R.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	1470-1489	SI	5.226	4.79	5.521

A mid-infrared view of the inner parsecs of the Seyfert galaxy Mrk 1066 using CanariCam/GTC	Ramos Almeida, C., Alonso-Herrero, A., Esquej, P., González-Martín, O., Riffel, R. A., García-Berete, I., Rodríguez Espinosa, J. M., Packham, C., Levenson, N. A., Roche, P., Díaz-Santos, T., Aretxaga, I., Álvarez, C.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	1130-1143	SI	5.226	4.79	5.521
Analysis of the spiral structure in a simulated galaxy	Mata-Chávez, M. D., Gómez, G. C., Puerari, I.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3756-3760	SI	5.226	4.79	5.521
Ionizing stellar population in the disc of NGC 3310 - II. The Wolf-Rayet population	Miralles-Caballero, D., Rosales-Ortega, F. F., Díaz, A. I., Off-Flornes, H., Pérez-Montero, E., Sánchez, S. F.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3803-3822	SI	5.226	4.79	5.521

Radio-gamma-ray connection and spectral evolution in 4C +49.22 (S4 1150+49): the Fermi, Swift and Planck view	Cutini, S., Ciprini, S., Orienti, M., Tramacere, A., D'Ammando, F., Verrecchia, F., Polenta, G., Carrasco, L., D'Elia, V., Giommi, P., González-Nuevo, J., Grandi, P., Harrison, D., Hays, E., Larsson, S., Lähteenmäki, A., León-Tavares, J., López-Cañiego, M., Natoli, P., Ojha, R., Partridge, B., Porras, A., Reyes, L., Recillas, E., Torresi, E.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	4316-4334	SI	5.226	4.79	5.521
Spectroscopy of 7 radio-loud QSOs at $2 < z < 6$: giant Lyman alpha emission nebulae accreting on to host galaxies	Roche, N., Humphrey, A., Binette, L.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	3795-3808	SI	5.226	4.79	5.521
Supersolar metallicity in G0-G3 main-sequence stars with $V < 15$	López-Valdivia, R. (est.), Bertone, E., Chávez, M., Tapia-Schiavon, C., Hernández-Aguila, J. B. (est.), Valdés, J. R., Chavushyan, V.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	2251-2262	SI	5.226	4.79	5.521

The connection between the parsec-scale radio jet and γ -ray flares in the blazar 1156+295	Ramakrishnan, V., León-Tavares, J., Rastorgueva-Foi, E. A., Wiik, K., Jorstad, S. G., Marscher, A. P., Tornikoski, M., Agudo, I., Lähteenmäki, A., Valtaja, E., Aller, M. F., Blinov, D. A., Casadio, C., Efimova, N. V., Gurwell, M. A., Gómez, J. L., Hagen-Thorn, V. A., Joshi, M., Järvelä, E., Konstantinova, T. S., Kopatskaya, E. N., Larionov, V. M., Larionova, E. G., Larionova, L. V., Lavonen, N., MacDonald, N. R., McHardy, I. M., Molina, S. N., Morozova, D. A., Nieppola, E., Tammi, J., Taylor, B. W., Troitsky, I. S.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	1636-1646	SI	5.226	4.79	5.521
The FEROS-Lick/SDSS observational data base of spectral indices of FGK stars for stellar population studies	Franchini, M., Morossi, C., Marcantonio, P. D., Malagnini, M. L., Chávez, M.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	220-228	SI	5.226	4.79	5.521
The redshift distribution of submillimetre galaxies at different wavelengths	Zavala, J. A. (est.), Aretxaga, I., Hughes, D. H.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	2384-2390	SI	5.226	4.79	5.521
High-velocity blueshifted Fe II absorption in the dwarf star-forming galaxy PHL 293B: evidence for a wind driven supershell?	Terlevich, R., Terlevich, E., Bosch, G., Díaz, Á., Hagele, G., Cardaci, M., Firpo, V.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	1449-1461	SI	5.226	4.79	5.521

Nuclear 11.3um PAH emission in local active galactic nuclei	Alonso-Herrero, A., Ramos Almeida, C., Esquej, P., Roche, P. F., Hernán-Caballero, A., Honig, S. F., González-Martín, O., Arexaga, I., Mason, R. E., Packham, C., Levenson, N. A., Rodríguez Espinosa, J. M., Siebenmorgen, R., Pereira-Santaella, M., Díaz-Santos, T., Colina, L., Alvarez, C., Telesco, C. M.	Astrofísica	0035-8711	Monthly Notices of the Royal Astronomical Society-MNRAS	2766-2782	SI	5.226	4.79	5.521
The Relation Between the Radial Temperature Profile in the Chromosphere and the Solar Spectrum at Centimeter, Millimeter, Submillimeter, and Infrared Wavelengths	De la Luz, V., Chavez, M., Bertone, E., Gimenez de Castro, G.	Astrofísica	0038-0938	SOLAR PHYSICS	2879-2889	SI	3,805	3,014	3,256
Time Series Analysis of Active Galactic Nuclei: The case of Arp 102B, 3C 390.3, NGC 5548 and NGC 4051	Kovacevic, A., Popovic, L. C., Shapovalova, A. I., Ilic, D., Burenkov, A. N., Chavushyan, V. H.	Astrofísica	0273-1177	ADVANCES IN SPACE RESEARCH	1414-1428	SI	1,238	1,173	1,183
A photoionization method for estimating BLR "size" in quasars	Negrete, C. A., Dultzin, D., Marziani, P., Sulentic, J. W.	Astrofísica	0273-1177	ADVANCES IN SPACE RESEARCH	1355-1361	SI	1,238	1,173	1,183
Uncovering Periods in Astronomical Time Series With Few Data	Cardona, O., López-Castillo, M. A., Reyes-Muñoz, M.	Astrofísica	0571-7256	Astrophysics	146-158	SI	0.556	0.387	0.366

Sensitivity of HAWC to high-mass dark matter annihilations	Abeyssekara, A. U., Alfaro, R., Alvarez, C., Alvarez, J. D., Arceo, R., Arteaga-Velázquez, J. C., Ayala Solares, H. A., Barber, A. S., Baughman, B. M., Bautista-Elivar, N., más 94 coautores (incluyendo Bonillas Rosales, M. (est.) #15, Carramiñana, A. #19, Galindo, A. (est.) #29, Mendoza Torres, E. #59, Rosa-Gonzalez, D. #72, Silich, S. #78)	Astrofísica	0927-6505	ASTROPARTICLE PHYSICS		SI	4,450	4,023	4,777
Precision growth index using the clustering of cosmic structures and growth data	Pouri, A., Basilakos, S., Plionis, M.	Astrofísica	1475-7516	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	42	SI	5,877	5,029	6,036
Developing an Advanced Prototype of the Acousto-Optical Radio-Wave Spectrometer for Studying Star Formation in the Milky Way	Shcherbakov, A. S., Luna, A.	Astrofísica	2161-4717 (Print), 2161-4725(online)	International Journal of Astronomy and Astrophysics	128-144	NO			0.30
Low- and high-z highly accreting quasars in the 4D Eigenvector 1 context	Marziani, P., Sulentic, J. W., Negrete, C. A., Dultzin, D., D'Onofrio, M., Del Olmo, A., Martinez-Aldama, M. L.	Astrofísica	2167-2857 2167-2865	Astronomical Review	6-25	NO			

Fowler-Nordheim tunneling characterization on poly1-poly2 capacitors for the implementation of analog memories in CMOS 0.5 μ m technology	E.J. Tinajero-Perez, J.E.Molinar-Solis, R.Z. Garcia-Lozano, Pedro Rosales Quintero, J.M. Rocha-Perez, Alejandro Díaz Sánchez, A. Morales-Acevedo	Electrónica		Advances in Condensed Matter Physics	1_7	NO			1.013
HPM method applied to solve the model of calcium stimulated, calcium release mechanism	H. Vazquez-Leal, Luis Hernández Martínez, Y. Khan, V.M. Jimenez-Fernandez, U. Filbello-Nino, A. Diaz-Sanchez, A.L. Herrera-May, R. Castaneda-Sheissa, A. Marin-Hernandez, F. Rabago-Bernal, J. Huerta-Chua, S.F. Hernandez-Machuca	Electrónica	2330-0043 (Print) 2330-006X (Online)	American Journal of Applied Mathematics	29-35	NO			
An easy computable approximate solution for a squeezing flow between two infinite plates by using of perturbation method	U. Filobello-Nino, H. Vazquez-Leal, A. Perez-Sesma, J. Cervantes-Perez, V.M. Jimenez-Fernandez, Luis Hernández Martínez, D. Pereyra-Diaz, R. Castañeda-Sheissa, J. Sanchez-Orea, C. Hoyos-Reyes, S. F. Hernandez-Machuca, J. Huerta-Chua, J. L. Rocha-Fernandez, A.D. Contreras-Hernandez, J.M. Mendez-Perez	Electrónica		Applied and Computational Mathematics	29-35	NO			0.75

A handy approximation for a mediated bioelectrocatalysis process, related to michaelis-menten equation	Uriel Filobello-Nino, Hector Vazquez-Leal, Brahim Benhammouda, Luis Hernández Martínez, Yasir Khan, Victor M Jimenez-Fernandez, Agustin L Herrera-May, Roberto Castaneda-Sheissa, Domitilo Pereyra-Diaz, Juan Cervantes-Perez, Jose A. Perez-Sesma, Sergio F Hernandez-Machuca and Leticia Cuellar-Hernandez	Electrónica	2193-1801	SpringerPlus		NO			
Exploring the infrared-sensing properties of polymorphous silicon-germanium (pm-SixGey:H) thin films	Mario Moreno Moreno, A.Torres, W.Calleja, R. Ambrosio, Pedro Rosales Quintero, Andrey Kosarev, R.Jimenez.	Electrónica	1208-6045	Canadian Journal of Physics	1_5	NO			0.902
Lightweight amorphous silicon photovoltaic modules on flexible plastic substrate	Y. Vygranenko, A. Kosropour, A. Sazonov, Andrey Kosarev, A. Abramov, E. Terukov	Electrónica	1208-6045	Canadian Journal of Physics	1_4	NO			0.902

Physical and electrical characterization of TiO ₂ particles after high temperature processing and before and after ultraviolet irradiation	Joel Molina Reyes, C. Zúñiga, M. Moreno, Wilfrido Calleja Arriaga, P. Rosales, R. Ambrosio, F.Javier De la Hidalga Wade, E. Gutiérrez, A. Heredia, E.R. Bandala, J.L. Sánchez	Electrónica	1208-6045	Canadian Journal of Physics		NO			0.902
Organic-Inorganic Hybrid thin Films Based in HfO ₂ nanoparticles as Dielectric for Flexible Electronic	R. Ambrosio, O. Arciniega, A. Carrillo, Mario Moreno Moreno, A. Heredia and C. Martinez	Electrónica	1208-6045	Canadian Journal of Physics		NO			0.902
Generalized Chebyshev Filters for the Design of IIR Filters and Filter Banks	A. Fernandez-Vazquez, and Gordana Jovanovic Dolecek	Electrónica	0278-081X (print) 1531-5878 (online)	Circuits, Systems and Signal Processing	2237-2250	SI	1.264	1.278	0.982
Automatic On-Die Impedance Matching in Current Mode Off-Chip Signaling	Edgar López-Delgado, José A. Díaz Méndez, Miguel A. García-Andrade, Rubén Vázquez-Medina and Marco A. Gurrola-Navarro	Electrónica	0278-081X (print) 1531-5878 (online)	Circuits, Systems, and Signal Processing	2237-2251	SI	1.264	1.278	1.264
Improved spherical continuation algorithm with application to the double bounded homotopy (dbh)	Delia Torres Muñoz, Héctor Vázquez Leal, Luis Hernández Martínez and Arturo Sarmiento Reyes	Electrónica	0101-8205	Computational and Applied Mathematics	147-161	NO			0.485

Skew Violation Verification in Digital Interconnect Signals Based on Signal Addition	Victor Champac Vilela, Hector Villacorta, Joan Figueras	Electrónica	1349-2543	Electronics Express	1_12	SI	0.391	0.373	0.268
Parameter determination for transmission lines with double periodical capacitive loading	G. Méndez-Jerónimo, Reydezel Torres Torres, G. Romo, and C. Nwachukwu	Electrónica	0013-5194	Electronics Letters	819-821	SI	1.068	1.03	1.038
Using Thin Films of Rutile-Phase TiO ₂ Nanoparticles as Photoactive Material in Metal-Semiconductor Structures with Low Thermal Processing	Joel Molina Reyes, C. Zúñiga, E. Mendoza, J.L. Sanchez, E. Gutierrez and E.R. Bandala	Electrónica	2326-3040 (Print); 2326-3059 (Online)	Energy and Environment Focus	299-306	NO			
LC-based Bandpass Continuous-Time Sigma-Delta Modulators with Widely Tunable Notch Frequency	Gerardo Molina Salgado, A. Morgado, Gordana Jovanovic Dolecek, and Jose M.de la Rosa	Electrónica	1549-8328	IEEE Transactions on Circuits and Systems I: Regular papers	1442 – 1455	SI	2.303	2.205	2.24
Experimental Characterization of Frequency-Dependent Series Resistance and Inductance for Ground Shielded On-Chip Interconnects	Diego M. Cortés Hernández, Reydezel TorresTorres, and Mónico Linares Aranda	Electrónica	0018-9375	IEEE Transactions on Electromagnetic Compatibility	1_9	SI	1.351	1.498	1.327
Trigonometrical Approach to Design a Simple Wideband Comb Compensator	Gordana Jovanovic Dolecek and A. Fernandez-Vazquez	Electrónica	1434-8411	International Journal for Electronics and Communications	437-441	SI	0.696	0.694	0.551

Alternative Soft Fault Model of the Cross-Coupling effect correlated at hydroelectric power energy system	C. A. Graciós-Marin, G.A. Muñoz-Hernández, Alejandro Díaz Sánchez, G. Mino Aguilar, F. Guerrero, E. Molina	Electrónica	0142-0615	International Journal of Electrical Power and Energy Systems	274-280	NO			3.432
Maximizing Lyapunov Exponents in a Chaotic Oscillator by applying Differential Evolution	Víctor H. Carbajal Gómez, Esteban Tielo Cuautle, F.V. Fernández, L.G. de la Fraga and C. Sánchez-López	Electrónica	(Online) 2191-0294, (Print) 1565-1339	International Journal of Nonlinear Sciences and Numerical Simulation (IJNSNS)	11_17	SI	0.453	0.849	0.622
A revisitacion of the Förster energy transfer near a metallic spherical nanoparticle:(1) Efficiency enhancement or reduction? (2) The control of the Förster radius of the unbounded medium. (3) The impact of the local density of states	J. A. Gonzaga-Galeana y Jorge R. Zurita Sánchez	Electrónica	0021-9606	J. Chem. Phys		SI	3.122	3.142	3.164
Quasi-static potential created by an oscillating dipole in the vicinity of two dielectric spheres (dimer): inversion transformation method	Jorge R. Zurita Sánchez y Adrián I. Tec-Chim	Electrónica	2040-8978 (Print), 2040-8986 (Online)	J. Opt		SI	2.01	1.92	1.99
Experimental Synchronization of Two Integrated Multi-scroll Chaotic Oscillators	J.M. Muñoz-Pacheco, Esteban Tielo Cuautle, E. Flore-Tiro, R. Trejo-Guerra	Electrónica	1665-6423	Journal of Applied Research and Technology (JART)	459-470	SI	0.447	0.611	0.355

Performance evaluation of an integrated optoelectronic receiver	A. Vera-Marquina, J. Martínez-Castilo, Ignacio E. Zaldivar Huerta, Alejandro Díaz Sánchez	Electrónica	1665-6423	Journal of Applied Research and Technology (JART)	45-51	SI	0.447	0.611	0.355
Application of a Chaotic Oscillator in an Autonomous Mobile Robot	Tielo Cuautle, H.C. Ramos-Lopez, M. Sanchez-Sanchez, Ana Dalia Pano Azucena, L.A. Sanchez-Gaspariano, J.C. Nuñez-Perez, J.L. Camas-Anzueto	Electrónica	1335-3632	Journal of Electrical Engineering - Elektrotechnický Casopis	157-162	SI	0.42	0.539	0.546
Low-temperature processing of thin films based on rutile TiO ₂ nanoparticles for UV photocatalysis and bacteria inactivation	Joel Molina Reyes, J.L. Sanchez, C. Zúñiga, E. Mendoza, R. Cuahtecontzi, G. Garcia, E. Gutierrez and E.R. Bandala	Electrónica	0022-2461	Journal of Materials Science	786-793	SI	2.305	2.303	2.163
Dielectric Properties of Beams at Ultra-Wide Band Frequencies	Richard Torrealba-Meléndez, María Elena Sosa-Morales, José Luis Olvera Cervantes, and Alonso Corona Chávez	Electrónica	0832-7823	Journal of Microwave Power and Electromagnetic Energy, a Publication of the International Microwave Power Institute	104-112	NO			

Approximations for Large Deflection of a Cantilever Beam Under a Terminal Follower Force and Nonlinear Pendulum	H. Vázquez-Leal, Y. Khan , A.L. Herrera-May, U. Filobello-Nino, Arturo Sarmiento Reyes, V.M. Jiménez-Fernández, D. Pereyra-Díaz, A. Pérez-Sesma, R. Castaneda-Sheissa, Alejandro Díaz Sánchez and J. Huerta-Chua	Electrónica	1024-123X (Print) 1563-5147 (Online)	Mathematical Problems in Engineering Journal		SI	1.082	1.077	1.082
Modified Nonlinearities Distribution Homotopy Perturbation Method as a Tool to find Power Series Solutions to Ordinary Differential Equations	U. Filobello-Nino, H. Vázquez-Leal, Y. Khan, D. Pereyra-Díaz, A. Pérez-Sesma A., Alejandro Díaz Sánchez, V.M. Jiménez-Fernández, A. Herrera-May, R. López-Martínez y J. Sánchez-Orea	Electrónica	2007-0705	Nova Scientia		NO			
Microstructural and optical characterization of highly stable nanospheres of crystalline CdS via selective approach	A. L. Leal-Cruz, A. Vera-Marquina, D. Berman-Mendoza, C. VillaVelazquez-Mendoza, Ignacio E. Zaldívar Huerta, L. A. García-Delgado, A. García-Juárez, R. Gomez-Fuentes, and A. G. Rojas-Hernandez	Electrónica	2159-3930	Optical Materials Express	129-141	SI	2.923	2.937	2.616

A software tool to evaluate the frequency response of a microwave photonic filter in MATLAB based on a Graphical User Interface	Ignacio E. Zaldívar Huerta, Alejandro García Juárez, Jorge Rodríguez Asomoza, Gustavo Aguayo Rodríguez	Electrónica	0030-4026	Optik - International Journal for Light and Electron Optics	318-323	SI	0.769	0.73	0.51
High Gain Amplifier with Enhanced Cascoded Compensation	J. Lemus-Lopez, Alejandro Díaz Sánchez, J. Ramirez-Angulo, C. Muñoz-Montero, J. M. Rocha-Pérez	Electrónica	1210-2512 (Print), 1805-9600 (Online)	Radioengineering Journal	504-510	SI	0.796	0.837	0.796
Step Length Estimation and Activity Detection in a PDR System Based on a Fuzzy Model with Inertial Sensors	Mariana Ibarra-Bonilla, Ponciano Jorge Escamilla-Ambrosio, Juan Manuel Ramírez Cortés, Jose Rangel Magdaleno, and Pilar Gomez-Gil	Electrónica	ISBN 978-3-319-05170-3	Recent Advances on Hybrid Approaches for Designing Intelligent Systems, Springer International Publishing	631-645	NO			
Identification of epilepsy seizures using multi-resolution analysis and artificial neural networks	Pilar Gomez-Gil, Ever Juarez-Guerra, Vicente Alarcon-Aquino, Juan Manuel Ramirez Cortés, Jose Rangel-Magdaleno	Electrónica	ISBN 978-3-319-05170-4	Recent Advances on Hybrid Approaches for Designing Intelligent Systems, Springer International Publishing	337-351	NO			

Optimizing the Maximum Lyapunov Exponent and Phase Space Portraits in Multi-Scroll Chaotic Oscillators	Luis G. de la Fraga, Esteban Tlelo Cuautle	Electrónica	0924-090X (Print), 1573-269X (Online)	Nonlinear Dynamics	1503-1515	SI	2.419	2.424	3.009
Memristance effect of metal-insulator-metal structures using Al ₂ O ₃ film as active layer for emergent memory devices	Joel Molina Reyes, R. Valderrama, Wilfrido Calleja Arriaga, P. Rosales, C. Zúñiga, E. Gutiérrez, J. Hidalgo, and A. Torres	Electrónica	1665-3521	Revista Superficies y Vacío	1_6	NO			0.0588
A Comparative Study Of Wet And Dry Texturing Processes Of Csi Wafers For The Fabrication Of Solar Cells	Mario Moreno Moreno, Dulce Guadalupe Muñas, Javier Martínez, Claudia Reyes Betanzo, Alfonso Torres Jacome, Roberto Ambrosio, Pedro Rosales Quintero, P. Roca i Cabarrocas	Electrónica	0038-092X	Solar Energy	182-191	SI	3.541	3.868	3.541
The Use of Planar Feeds for Solar Radio Observations	J.E. Mendoza-Torres, E. Colín-Beltrán, Alonso Corona Chávez • J.S. Palacios-Fonseca B. Rodríguez-Pedroza • Y.E. Tlatelapa-Osorio • J.C. García-Santos • S. Sánchez-Urrieta	Electrónica	0038-0938	Solar Physics		SI	3.805	3.014	3.256

Planarized Ambipolar α -SiGe:H Thin-Film Transistors: Influence of the sequence of fabrication process	M. Dominguez, Pedro Rosales, Alfonso Torres Jacome, F. Flores, Joel Molina Reyes, Mario Moreno Moreno, J. Luna and A. Orduña	Electrónica	0038-1101	Solid State Electronics	45-50	SI	1.514	1.508	1.482
Modified Taylor series method for solving nonlinear differential equations with mixed boundary conditions defined on finite intervals	Héctor Vázquez Leal, Brahim Benhammouda, U. Filobello-Nino, Arturo Sarmiento Reyes, V.M. Jimenez-Fernandez, A. Marin-Hernandez, A. Herrera-May, A. Diaz-Sanchez and J. Huerta-Chua	Electrónica	2193-1801	SpringerPlus		NO			
Optimal Sharpening of Compensated Comb Decimation Filters: Analysis and Design	D. Troncoso, M. Laddomada, Gordana Jovanovic Dolecek	Electrónica	2356-6140 (print), 1537-744X (online)	The Scientific World Journal		SI	1.219	1.3	1.73
Modified hyperspheres algorithm to trace homotopy curves of nonlinear circuits composed by piecewise linear modelled devices	Héctor Vázquez Leal, Víctor Manuel Jiménez-Fernández, Brahim Benhammouda, Uriel Filobello-Niño, Arturo Sarmiento-Reyes, Alejandro Ramirez-Pinero, Antonio Marin-Hernandez, and Jesus Huerta-Chua	Electrónica	2356-6140 (print), 1537-744X (online)	The Scientific World Journal		SI	1.219	1.3	1.73

Experimental Realization of a Multi-Scroll Chaotic Oscillator with Optimal Maximum Lyapunov Exponent	Esteban Tlelo Cuautle, Ana Dalia Pano Azucena, V. H. Carbajal-Gomez, M. Sanchez-Sanchez	Electrónica	2356-6140 (Print), 1537-744X (Online)	The Scientific World Journal		SI	1.219	1.3	1.73
Effects of germane flow rate in electrical properties of a-SiGe:H films for ambipolar thin-film transistors	M. Dominguez, Pedro Rosales, Alfonso Torres Jacome, Francisco Flores, Joel Molina Reyes, Mario Moreno Moreno, J. Luna and A. Orduña	Electrónica	0040-6090	Thin Solid Films	260-263	SI	1.867	2.038	1.604
Performance of a MOHOS-type Memory using HfO ₂ Nanoparticles as Charge Trapping Layer and Different Tunneling Oxide Thickness	Joel Molina Reyes, W. Calleja, P. Rosales, C. Zuniga, F.J. Hidalgo and A. Torres	Electrónica	1382-3469	Transactions of the Materials Research Society of Japan	569-572	NO			
CMOS Readout Circuit with Wide Dynamic Range for a UV-NIR Silicon Sensor	Emmanuel Gómez-Ramírez, A. Díaz-Méndez, Mariano Aceves Mijares, José Miguel Rocha Pérez and Jorge Miguel Pedraza Chávez, Carlos Domínguez Horna, Ángel Merlos	Electrónica	1942-261X	International Journal On Advances in Systems and Measurements		NO			

Conservation Of The Optical Properties Of Sro After Cmos Ic Processing	Mariano Aceves-Mijares, Emmanuel Gómez-Ramírez, A. Díaz-Méndez, José Miguel Rocha, Jorge Pedraza, J. Alarcón-Salazar, S. Román-López, Carlos Domínguez, Ángel Merlos, Xavier Formatjé, Alfredo Morales-Sánchez	Electrónica		ELSEVIER: Procedia Technology		NO			
Emission Mechanisms of Si Nanocrystals and Defects in SiO2 Materials	José Antonio Rodríguez, Marco Antonio Vásquez-Agustín, Alfredo Morales-Sánchez, and Mariano Aceves-Mijares	Electrónica	1687-4110	Journal of Nanomaterials	Volume 2014	SI	1,611	1,735	1,547
Study of the Effect of Distance and Misalignment between Magnetically Coupled Coils for Wireless Power Transfer in Intraocular Pressure Measurement	Adrian E. Rendon-Nava, J. Alejandro Díaz Méndez, Luis Nino-de-Rivera , Wilfrido Calleja Arriaga, Felix Gil-Carrasco and Daniela Díaz-Alonso	Electrónica	1537-744X	The Scientific World Journal		SI	1,219	1,300	1,73
Mechanical characterization of polysilicon cantilevers using a thermo-mechanical test chip fabricated with a combined bulk/surface micromachining technique	F.J. Quiñones-Novelo, F.J. De la Hidalga-W, M. Moreno, J. Molina, C. Zúñiga, and Wilfrido Calleja Arriaga	Electrónica		Elsevier: Results in Physics	PP. 119-120	NO			

Implementation Of A Stream Cipher Based On Bernoulli's Map	Ricardo Francisco Martínez-Gonzalez and José A. Díaz Méndez	Electrónica	0975-3826 0975-4660	International Journal of Computer Science & Information Technology (IJCSIT)	Vol 6, No 6, p.p. 113-121	NO			
CMOS upconversion mixer with filterless carrier feedthrough cancelation and output power tuning	L.A Sánchez Gaspariano, A.-J. Annema, C. Muñiz Montero, Alejandro Díaz Sánchez	Electrónica	1434-8411	Inf. J. Electron. Commun	PP. 1224-1230	SI	0.696	0.694	0.551
Realistic model for the multiple-input floating-gate transistor	L.F. Cisneros-Sinencio, Alejandro Díaz Sánchez, J. Ramírez-Angulo, H. Vazquez-Leal	Electrónica	1931-4981	IEEJ Transactions on Electrical and Electronic Engineering		SI	0.327		
Improved detection of magnetic signals by a MEMs sensor using stochastic resonance	Agustín L. Herrera-May, Jesús A. Tapia, Saúl M. Domínguez-Nicolás, Raúl Juárez-Aguirre, Edmundo A. Gutiérrez-Domínguez., Amira Flores, Eduard Figueras, Elías Manjarrez	Electrónica	1932-6203	PlosOne Open Journal	Volume 9, Issue 10, pp. 1-8	SI	3.534	4.015	3.73
Reduction in the interface-states density of metal-oxide-semiconductor field-effect transistors fabricated on high-index Si (114) surfaces by using an external magnetic field	Joel Molina, Javier de la Hidalga, and Edmundo A. Gutiérrez-Domínguez	Electrónica	0021-8979 1089-7550	Journal of Applied Physics		SI	2,185	2,259	2.21

Modified differential transform method for solving the model of pollution for system of lakes	Brahim Benhammouda, Hector Vazquez-Leal, Luis Hernández Martínez	Electrónica	1026-0226	Discrete Dynamics in Nature and Society	vol. 2014	SI	0.882	0.876	0.82
Nonlinearities distribution laplace transform-homotopy perturbation method	Uriel Filobello-Nino, Héctor Vazquez-Leal, Brahim Benhammouda, Luis Hernández Martínez, Claudio Hoyos-Reyes, José Antonio Agustín Pérez-Sesma, Víctor Manuel Jiménez-Fernández, Domitilo Pereyra-Díaz, Antonio Marín-Hernández, Alejandro Díaz-Sánchez, Jesús Huerta-Chua, Juan Cervantes-Peréz	Electrónica		SpringerPlus		NO			
A handy approximate solution for a squeezing flow between two infinite plates by using of laplace transform-homotopy perturbation method	Uriel Filobello-Nino, Héctor Vázquez-Leal, Juan Cervantes-Pérez, Brahim Benhammouda, Agustín Pérez-Sesma, Luis Hernández Martínez, Víctor Manuel Jiménez-Fernández, Agustín Leobardo Herrera-May, Domitilio Pereyra-Díaz, Antonio Marín-Hernández, Jesús Huerta-Chua	Electrónica	2152-7385 2152-7393	SpringerPlus Journal: Applied Mathematics		SI	0.76		

A comparison of hpm, ndhpm, picard and picard-padé methods for solving michaelis-menten equation	Héctor Vázquez-Leal, J. Rashidinia, Luis Hernández Martínez, H. Daei-Kasmani	Electrónica	1018-3647	Elsevier		NO			
On the inclusion of prime factors to calculate the theoretical lower bounds in multiplierless single constant multiplications	David Troncoso, U. Meyer Baese, Gordana Jovanovic Dolecek	Electrónica	1687-6180	Eurasip Journal on Advances in Signal Processing		SI	0.808	1,015	0.807
Study of morphological characteristics of a-Si:H p-i-n structures deposited by plasma on plastic substrates	Carlos Ospina, Andrey Kosarev	Electrónica		Proceedings of CCE-2014	397- 402	NO			
Effect of transparent conductive oxide material and frontal interface on characteristics of Si:H p-i-n junction	Hiram E. Martínez, Andrey Kosarev	Electrónica		Proceedings of CCE-2014	441- 444	NO			
Influence Of The Surface Roughness Of The Bottom Electrode On The Resistive-Switching Characteristics Of Al/Al ₂ O ₃ /Al And Al/Al ₂ O ₃ /W Structures Fabricated On Glass At 300°C	Joel Molina Reyes, Rene Valderrama, C. Zúñiga, P. Rosales, W. Calleja, A. Torres, J. Hidalgo And E. Gutierrez	Electrónica	0026-2714	Publication In Microelectronics Reliability	2747-2753	NO			
Study of the Chemical and Morphological Characteristics of Al ₂ O ₃ and HfO ₂ Surfaces after Immersion in Time-Dependent pH Solutions	Joel Molina Reyes and Berni M. Pérez	Electrónica	1938-6737 1938-5862	ECS Transactions	Vol. 64, no. 1, pp. 3-9	NO			
Electrochemical Characterization of Ion-Sensitive Capacitors with ALD Al ₂ O ₃ as the Sensitive Dielectric	Berni M. Pérez and Joel Molina Reyes	Electrónica	1938-6737 1938-5862	ECS Transactions	Vol. 64, pp. 239-243	NO			

Study of cantilever structures based on piezoelectric materials for energy harvesting at low frequency of vibration	Ambrosio Roberto, Gonzalez Hector, Mario Moreno Moreno, Torres Alfonso, Martinez Rafael, Robles Efrén Saucedo Angel, Hurtado Abel, Heredia Aurelio	Electrónica	1022-6680	Advanced Materials Research	Vol. 976 (2014) pp 159-163	NO			
Wireless Sensing of Complex-Dielectric-Permittivity of Liquids based on the RFID	Humberto Lobato Morales, Alonso Corona Chávez, Jose Luis Olvera Cervantes, Ricardo Chavez Perez & Jose Luis Medina Monroy	Electrónica	0018-9480	IEEE Transactions on Microwave Theory and Techniques		SI	2,943	2,727	2,229
Network Intrusion Detection Using Self-Recurent Wavelet Neural Network with Multidimensional Radial Wavelons	Vicente Alarcon-Aquino, Juan Manuel Ramirez Cortes, Pilar Gomez-Gil, Oleg Starostenko, Y. Garcia-Gonzalez	Electrónica	1392-124X	Information Technology and Control	Vol. 43, pp. 347-358	SI	0.813	0.622	0.667
Attitude Estimation using Fusion of Monocular SLAM and Inertial Sensors	Carlos Vianchada-Estevez, P.Jorge Escamilla-Ambrosio, Mariana Ibarra-Bonilla, Juan Manuel Ramirez Cortes, Pilar Gomez-Gil	Electrónica	1548-0992	Latin America Transactions	Vol. 12, pp. 977-984	SI	0.186	0	0.218

Attitude estimation using a Neuro-Fuzzy tuning based adaptive Kalman filter	Mariana Ibarra-Bonilla, P. Jorge Escamilla-Ambrosio, Juan Manuel Ramírez-Cortés	Electrónica	1064-1246	pre-press Journal of Intelligent and Fuzzy Systems		SI	0.936	0.748	0.788
Aqueous Sulfur Passivation of n-type GaSb Substrates Studied by Photoluminescence Spectroscopy	D.M. Hurtado-Castañeda, J.L. Herrera-Pérez, Claudia Reyes-Betanzo, and J. G. Mendoza-Alvarez	Electrónica		Natural Science	pp. 963 – 967	NO			
Current-mode Winner-Take-All circuit with improved dynamic response	D. Moro Frías, C. Ventura Arizmendi, M.T. Sanz Pascual, C.A. de la Cruz Blas	Electrónica	0278-081X (print) 1531-5878 (online)	Circuits, Systems, and Signal Processing		SI	1,264	1,278	0.982
An integrated low-power lock-in amplifier and its application to gas detection	P. M. Maya Hernández, L.C. Álvarez Simón, M.T. Sanz Pascual, B. Calvo	Electrónica	1424-8220	Sensors	vol. 14, pp. 15880-15889	SI	2,048	2,457	1,953
Solution Procedure for Systems of Partial Differential-Algebraic Equations by NHPM and Laplace-Pade Resummation	Brahim Benhammouda, Hector Vazquez-Leal, Arturo Sarmiento-Reyes	Electrónica	2231-0851	British Journal of Mathematics & Computer Science	pp. 3202-3223	NO			
Procedure for Exact Solutions of Stiff Ordinary Differential Equations Systems	Brahim Benhammouda, Hector Vazquez-Leal, L. Benhamouche, H. Zahed, Y. Abo Einaga, Arturo Sarmiento-Reyes, A. Marin-Hernandez, J. Huerta-Chua	Electrónica	2231-0851	British Journal of Mathematics & Computer Science	pp. 3252-3270	NO			

Direct application of Pade approximant for solving nonlinear differential equations	Hector Vazquez-Leal, Brahim Benhammouda, Uriel Filobello-Nino, Arturo Sarmiento-Reyes, Victor Manuel Jimenez-Fernandez, Jose Luis Garcia-Gervacio, Jesus Huerta-Chua, Luis Javier Morales-Mendoza and Mario Gonzalez-Lee	Electrónica	2152-7385 2152-7393	SpringerPlus		NO			
Approximate solutions for flow with a stretching boundary due to partial slip	U. Filobello-Nino, H. Vazquez-Leal, Arturo Sarmiento-Reyes, B. Benhammouda, V.M. Jimenez-Fernandez, D. Pereyra-Diaz, A. Pérez-Sesma, J. Cervantes-Pérez, J. Huerta-Chua, J. Sánchez-Orea, and A.D. Contreras-Hernandez	Electrónica	2356-7872	International Scholarly Research Notices		NO			
Modified Reduced Differential Transform Method for Partial Differential-Algebraic Equations	Brahim Benhammouda, Hector Vazquez-Leal and Arturo Sarmiento-Reyes	Electrónica	1110-757X	Journal of Applied Mathematics		SI	0.720	0.735	0.834
Selection of the Optimal Sizes of Analog Integrated Circuits by Fuzzy Sets Intersection	G. Flores Becerra, S. Polanco Martogon, M. A. Duarte Villaseñor, Esteban Tlelo Cuautle, Luis G. de la Fraga, I. Guerra Gomez	Electrónica	1548-0992	IEEE Latin America Transactions	vol. 12, no. 6, pp. 1005-1011	SI	0.186	0	0.218

Frequency Limitations in Generating Multi-Scroll Chaotic Attractors using CFOAs	J.M. Munoz-Pacheco, Esteban Tlelo Cuautle, I. Toxqui-Toxqui, C. Sanchez-Lopez, R. Trejo-Guerra	Electrónica	0020-7217	International Journal of Electronics	vol. 101, no. 11, pp. 1559-1569	SI	0.751	0.549	0.509
Graph-Based Symbolic Technique for Improving Sensitivity Analysis in Analog Integrated Circuits	Esteban Tlelo Cuautle, Santiago Rodríguez-Chavez	Electrónica	1548-0992	IEEE Latin America Transactions	vol. 12, no. 5, pp. 871-872	SI	0.186	0	0.218
Graph-Based Symbolic Technique and its Application in the Frequency Response Bound Analysis of Analog Integrated Circuits	Esteban Tlelo Cuautle, Santiago Rodríguez-Chavez, Adolfo Adair Palma-Rodríguez	Electrónica	1537-744X	The Scientific World Journal	Vol. 2014	SI	1,219	1,300	1.73
Modeling the Impact of Multi-Fingering Microwave MOSFETs on the Source and Drain Resistances	F. Zárate-Rincón, R. S. Murphy-Arteaga, Reydezel Torres Torres, A. Ortiz-Conde, and F. J. García-Sánchez	Electrónica	0018-9480	IEEE Transactions on Microwave Theory and Techniques	Vol. 62, No. 12, pp. 3255-3261	SI	2,943	2,727	2,229
Reducing Glitches when Reconstructing Four-Port S-Parameters of Differential Transmission Lines from Two-Port Measurements	D.M. García-Mora, M.A. Tlaxcaltecomatus, Reydezel Torres Torres, G. Hernández-Sosa, and O.M. Becerra-Fuentes	Electrónica	0895-2477	Microwave and Optical Technology Letters	Vol. 56, No. 10, p. 2257-2260	SI	0.623	0.542	0.585
Complex Permittivity Determination of Thin-Films Through RF-Measurements of a MIM Capacitor	Svetlana C. Cejas, Reydezel Torres Torres, R. Valderrama and Joel Molina Reyes	Electrónica	1531-1309	IEEE Microwave and Wireless Components Letters	Vol. 24, No. 11, pp. 805-807	SI	2,236	2,160	1,784

Annealing effect on structural, morphological, and optical behaviors of CBD-CdS nanostructured films for solar cells	Vera-Marquina, A. L. Leal-Cruz, D. Berman-Mendoza, C. VillaVelazquez-Mendoza, Ignacio E. Zaldívar-Huerta, L. A. García-Delgado, A. García-Juárez, R. Gomez-Fuentes, and A. G. Rojas-Hernandez	Electrónica	2159-3930	Optical Materials Express	Vol. 4, Issue 11, pp. 2280-2289	SI	2,923	2,937	2,616
Repulsive Function in Potential Field Based Control with Algorithm for Safer Avoidance	L. A. García-Delgado, J. R. Noriega, D. Berman-Mendoza, A. L. Leal-Cruz, A. Vera-Marquina, R. Gómez-Fuentes, A. García-Juárez, A. G. Rojas-Hernández, Ignacio E. Zaldívar-Huerta	Electrónica	15,730,409	Journal of Intelligent & Robotic Systems		NO			
Experimental performance analysis of a CMOS amplifier considering different layout techniques	F. López-Huerta, J. J. Estrada-López, A. L. Herrera-May, Carlos Zúñiga-Islas and M. Linares-Aranda	Electrónica	0925-1030	Analog Integr Circ Sig Process	799-806	SI	0.401	0.522	0.553
Fabrication process of microstructures based on hydrogenated amorphous SiGe films for applications in MEMS devices	M. Galindo-Mentle, F. López-Huerta, R. Palomino-Merino, Carlos Zúñiga-Islas, Wilfrido Calleja-Arriaga, A.L. Herrera-May	Electrónica	1738-494X	Journal of Technical Science and Technology		SI	0.703	0.748	0.616

Carrier Photogeneration in Metal-Semiconductor Structures Using Thin Films of Rutile-Phase TiO ₂ Nanoparticles	Joel Molina Reyes, C. Zuniga, E. Gutierrez, E. Mendoza, J.L. Sanchez and E.R. Bandala	Electrónica	1942-261X	International Journal On Advances in Systems and Measurements	Vol. 7, No. 1-2, pp. 34-43	NO			
Comment: A two-level atom in a cavity with a moving mirror	A. Zúñiga-Segundo, H.M. Moya-Cessa	Optica	1000-3290	Acta Physica Sinica	6	SI	0.845	0.75	1.016
Nonlinear losses in photoconductive Yb:YAG laser materials: identification of photocarrier properties by non-steady-state photoEMF	N. Korneev, P. Rodriguez-Montero, U. Volters, K. Petermann, G. Huber	Óptica	0946-2171	Applied Physics B- Lasers and Optics	731-735	SI	1,634	1,845	1,782
A simple statistics-based nearest neighbor cluster detection algorithm	Gerhard X. Ritter, José-A Nieves-V, Gonzalo Urcid	Óptica	0031-3203	Elsevier Journal of Pattern Recognition		SI	2,584	3,153	2,632
Alignment method of segmented primary mirror for the solar concentrator in Temixco-México, using optical technique	Dayana H. Peñalver, David L. Romero-Antequera, Fermín-Salomón Granados-Agustín, Fernando Gonzalez Manzanilla	Óptica	1876-6102	Energy Procedia		NO			
Characterization of laser generated Lamb waves modes after interaction with a thickness reduction discontinuity using ray tracing theory	A. Balvanín, A. Baltazar, P. Rodríguez	Optica	0014-4851	Experimental Mechanics	743-752	SI	1.567	1.853	1.548

Developing an advanced prototype of the acousto-optical radio-wave spectrometer for studying star formation in the Milky Way	A. Shcherbakov, A. Luna Castellanos	Optica	(Print) 2161-4717 (Online) 2161-4725	International Journal of Astronomy and Astrophysics	128-144	NO			0.3
Estimation of LiBr-H ₂ O using multimode interference (MMI)	Antúnez-Cerón, EE, MA Basurto-Pensado, AR Mejía-Aranda, RJ Romero, JJ Sánchez-Mondragón, HH Cerecedo-Núñez, A Ochoa-Zezzati	Óptica	1665-6423	Journal of Applied Research and Technology		SI	0.447	0.611	0.355
A squeeze-like operator approach to position-dependent mass in quantum mechanics	F. Soto-Eguibar, H.M. Moya-Cessa, D.N. Christodoulides	Optica	0022-2488 (print) 1089-7658 (online)	Journal of Mathematical Physics		SI	1.176	1.201	1.296
A squeeze-like operator approach to position-dependent mass in quantum mechanics	F. Soto-Eguibar, H. M. Moya-Cessa, D.N. Christodoulides	Óptica	0022-2488	Journal of Mathematical Physics		SI	1,176	1,201	1,296
New asymmetric propagation invariant beams obtained by amplitude and phase modulation in frequency space	J. Mendoza-Hernández, M. L. Arroyo-Carrasco, M. M. Méndez-Otero, S. Chávez-Cerda, M. D. Iturbe-Castillo	Optica	0950-0340 (Print), 1362-3044 (Online)	Journal of Modern Optics	S46-S56	SI	1.169	0.937	1.163
Nonlinearity enhancement in rubidium vapor with additional optical pumping	N. Korneev, Y. M. Torres, C. Gutiérrez-Parra, Ortega Resonant	Optica	0950-0340 (Print), 1362-3044 (Online)	Journal of Modern Optics	1009-1017	SI	1.169	0.937	1.163
Resonant nonlinearity enhancement in rubidium vapor with additional optical pumping	N. Korneev, Y. M. Torres, C. Gutiérrez-Parra, Ortega	Óptica	0950-0340	Journal of Modern Optics	1009-1017	NO			

Partial polarization in interfered plasmon fields	P. Martínez Vara, M.A. Torres Rodríguez S. I. de los Santos García, J. Muñoz López, G. Martínez Niconoff	Optica	1687-4110	Journal of Nanomaterials	1_5	SI	1.611	1.735	1.547
Kinematic of focusing regions	G. Martinez-Niconoff, S. I. De los Santos G., J - Silva-Barranco, J A Martinez-Martínez, P Martinez-Vara, J C Ramirez-San-Juan	Optica	2040-8978	Journal of Optics	1_7	SI	2.01	1.92	2.01
Searching for structure beyond parity in the two-bit Dicke model	B.M. Rodríguez-Lara, S.A. Chilingaryan,H.M. Moya-Cessa	Optica		Journal of Physics A	47	NO			1.687
Knife edge interferometer	P.Cebrian Xochihuilá, N.Korneev, F.S.Granados Agustin, R.Dias Uribe,A.Cornejo Rodríguez	Optica		Journal of Physics: Conference Series		NO			
Transfer of machined patterns on an aluminium plate to pyrex glass using reactive ion etching SF6 Plasma without masks	Carlos Manuel Ortiz Lima, Fernando J. Quiñones Novelo, Alberto Jaramillo-Núñez, Jorge Castro Ramos	Óptica	2161-4881	Journal of Surface Engineered Materials and Advanced Technology	262-269	NO			
Engineering structured light with optical vortices	Jesús Rogel-Salazar, Juan Pablo Treviño, Sabino Chávez-Cerda	Optica		Journal of the optical society of america B	A46-A50	SI	1.806	1.938	2.21

Observation of a high grade of polarization of solitons generated in the process of pulse breakup in a twisted fiber	A. Flores-Rosas, J. I. Peralta-Hernandez, Y. E. Bracamontes-Rodríguez, B. A. Villagomez-Bernabe, G. Beltrán-Pérez, O. Pottiez, B. Ibarra-Escamilla, R. Rojas-Laguna, E. A. Kuzin	Optica	0740-3224	Journal of the optical society of america B	821-826	SI	1.806	1.938	2.21
Propagation of nonclassical states of light through one-dimensional photonic lattices	B. M. Rodríguez-Lara	Optica	0740-3224	Journal of the optical society of america B	878-881	SI	1.806	1.938	2.21
Phase state and related nonlinear coherent states	F. Soto-Eguibar, B. M. Rodríguez-Lara, y H. M. Moya-Cessa	Optica	0740-3224	Journal of the optical society of america B	1335-1338	SI	1.806	1.938	2.21
Collinear dissipative weakly coupled acousto-optical states governed by acoustic waves of finite amplitude in a two-mode medium with linear optical losses	A. Shcherbakov, A. O. Arellanes, S. Nemov	Optica	0740-3224	Journal of the optical society of america B	953-962	SI	1.806	1.938	2.21
Comparing efficiency and accuracy of the kinoform and the helical axicon as Bessel-Gauss beam generators	Victor Arrizón, Ulises Ruíz, Dilia Aguirre-Olivas, David Sánchez-de-la-Llave, Andrey S. Ostrovsky	Optica	1084-7529 (print), 1520-8532 (online)	Journal Optical Society	487-492	SI	1.448	1.487	1.448
An intensity-dependent quantum Rabi model: Spectrum, SUSY partner and optical simulation	B. M. Rodríguez-Lara	Óptica	0740-3224	Journal Optics Society of America	1719-1722	SI	1,806	1,938	2,21

Multiplenoise-like pulses from a figure-eight fibre laser in normal dispersion regime	O. Pottiez, B. Ibarra-Escamilla, E. A. Kuzin, J. C. Hernandez-García, A. González-García, M. Duran-Sánchez	Optica	1054-660X	Laser Physics		SI	1.025	1.075	2.545
Wide range optofluidically tunable multimode interference fiber laser	J E Antonio-López, J J Sánchez-Mondragón, P LiKamWa, D A May-Arrija	Optica		Laser Physics		SI	1.025	1.075	2.545
High-order harmonic noise-like pulsing of a passively mode locked double-clad Er/Yb fibre ring laser	O. Pottiez, J. C. Hernandez-García, B. Ibarra-Escamilla, E. A. Kuzin, M. Duran-Sánchez, and A. González-García	Óptica	1054-660X	Laser Physics		SI	1,025	1,075	2,545
Two regimes of widely tuneable noise-like pulses from a figure-eight fibre laser	O. Pottiez, B. Ibarra-Escamilla, E. A. Kuzin, J. C. Hernandez-García, A. González-García, M. Duran-Sánchez	Óptica	1054-660X	Laser Physics		SI	1,025	1,075	2,545
Tunable dual-wavelength actively Q-Switched Er/Yb double-clad fiber laser	M. Durán-Sánchez, E. A. Kuzin, O. Pottiez, B. Ibarra-Escamilla, A. Gonzalez-García, F. Maya-Ordoñez, R. I. Alvarez-Tamayo, A. Flores-Rosas	Optica	1612-2011 (Print), 1612-202X (Online)	Laser Physics Letters		SI	2.964	2.783	7.714

Influence of the probe-sample interaction angle on image formation in apertureless scanning near field optical microscope	J. M. Merlo, V. Coello, R. Cortes, J. F. Aguilar, A. Flores Rosas	Óptica	0217-9849	Modern Physics Letters B		SI	0.687	0.485	0.479
On-Chip generation of high-order single-photon W-States	M. Grafe, R. Heilmann, A. Perez-Leija, R. Keil, F. Dreisow, M. Heinrich, H. M. Moya-Cessa, S. Nolte, D. N. Christodoulides, A. Szameit	Óptica	1749-4885	Nature Photonics	791-795	SI	29,958	32,342	27,254
Coherent random walks in free space	T. Eichelkraut, C. Vetter, A. Perez-Leija, H. Moya-Cessa, D. N. Christodoulides, A. Szameit	Óptica	2334-2536	Optica	268-271	NO			
Measurements of the forward and backward scattering lobules, in six different Ar and He-Ne laser lines, passing through fog with different densities and fitted with the Henyey-Greenstein phase function	E. Reynoso Lara, G. Serrano Muñoz, J. A. Davila Pintle, M. Rendón Marín, M. D. Iturbe Castillo, C. G. Treviño Palacios	Optica	ISSN-L 0030-3917 ISSN 2171-8814	Óptica Pura y Aplicada	13-18	NO			0.169
Supercontinuum light source with adjustable spectral width by inducing mechanical stresses in photonic crystal fiber	J. C. Hernandez-Garcia, J. M. Estudillo-Ayala, B. Ibarra-Escamilla, R. Rojas-Laguna, E. A. Kuzin, J. D. Filoteo-Razo, M. Trejo-Duran	Optica	ISSN-L 0030-3917 ISSN 2171-8814	Óptica Pura y Aplicada	1_5	NO			0.169

Substructured Ronchi gratings from the linear combination of classical gratings	Daniel Aguirre-Aguirre, Brenda Villalobos-Mendoza, Fermín S. Granados-Agustín, Rafael Izazaga-Pérez, Manuel Campos-García, María Elizabeth Percino-Zacarías, Alejandro Cornejo-Rodríguez	Óptica	0091-3286	Optical Engineering		SI	0.958	0.847	0.88
Simple optical system for manufacturing point diffraction interferometer plates in titanium films using a low intensity CW laser beam	Juan C. Aguilar, J. F. Aguilar, L. R. Berriel	Óptica	1340-6000	Optical Review	787-790	SI	0.546	0.603	0.702
Design of free-space optical interconnects using two gabor superlenses	Anel Garza-Rivera, Francisco-Javier Renero-Carrillo, Carlos-G Treviño-Palacios	Óptica	1340-6000	Optical Review	516-521	SI	0.546	0.603	0.702
Localization and characterization of the metallic band gaps in a ternary metallo-dielectric photonic crystal	Alejo-Molina, Adalberto, David L Romero-Antequera, José J Sánchez-Mondragón	Óptica	0030-4018	Optics Communications	168-174	SI	1,542	1,468	1,438
A classical simulation of nonlinear Jaynes-Cummings and Rabi models in photonic lattices: reply to comment	B. M. Rodríguez-Lara, A. Zárate Cárdenas, F. Soto-Eguibar, H.M. Moya-Cessa	Optica	1094-4087	Optics Express	1784-1786	SI	3.525	3.533	3.546
Jacobi photonic lattices and their SUSY partners	A. Zúñiga-Segundo, B. M. Rodríguez-Lara, D. J. Fernández, H.M. Moya-Cessa	Optica	1094-4087	Optics Express	987-994	SI	3.525	3.533	3.546

Splitting after collision of high-order bright spatial solitons in Kerr media	M. D. Castillo, S. Chávez Cerda, Dr. Martínez	Óptica	1094-4087	Optics Express		SI	3,525	3,533	3,546
Experimental determining the coherent- mode structure of vector electromagnetic fields through its decomposition in reference basis	E. Velez Juarez, G. Martinez Niconoff, J. Muñoz Lopez, A. Ostrovsky	Óptica	1094-4087	Optics Express	26232-26239	SI	3,525	3,533	3,546
Simple correction factor for laser speckle imaging of flow dynamics	J.C. Ramirez-San-Juan, R Ramos-García, G. Martínez-Niconoff, B Choi	Optica	0146-9592	Optics Letters	3	SI	3,179	3,119	3,385
Ermakov-Lewis symmetry in photonic lattices	B.M. Rodríguez-Lara, P. Aleahmad, H.M. Moya-Cessa, D.N. Christodoulides	Optica	0146-9592	Optics Letters	39	SI	3,179	3,119	3,385
Electro-optical processor for measuring displacement employing the Talbot and the nonsteady-state photo-electromotive force effects	P. Rodríguez-Montero, D. Sánchez-de-la-Llave, S. Mansurova	Optica	0146-9592	Optics Letters	104-107	SI	3,179	3,119	3,385
Photothermal laser speckle imaging	C. Regan, JC Ramirez-San-Juan, B Choi	Óptica	0146-9592	Optics Letters	5006-5009	SI	3,179	3,119	3,385
Simple technique for generating the perfect optical vortex	Joaquín García-García, Carolina Rickenstorff-Parrao, Rubén Ramos-García, Víctor Arrizón, Andrey S. Ostrovsky	Óptica	0146-9592	Optics Letters	5305-5308	SI	3,179	3,119	3,385

Optical realization of quantum Kerr medium dynamics	F Soto-Eguibar, V. Arizon, A. Zuñiga-Segundo y H. M. Moya-Cessa	Óptica	0146-9592	Optics Letters		SI	3,179	3,119	3,385
Analysis of the common characteristics of the Hartmann, Ronchi, and Shack-Hartmann tests	Fermín Salomón Granados-Agustín, Octavio Cardona-Núñez, Rufino Díaz-Urbe, Elizabeth Percino-Zacarías, Ana María Zárate-Rivera, Alejandro Cornejo-Rodríguez	Optica	0030-4026	Optik - International Journal for Light and Electron Optics	667-670	SI	0.769	0.73	0.524
Ion-quantized field interaction in two regimes	A. Zuñiga-Segundo, Raúl Juárez Amaro, F Soto-Eguibar, y H. M. Moya-Cessa	Óptica	0031-8949	Physica Scripta		SI	1,296	1,186	1,032
Full characterization of Airy beams under physical principles	J. Rogel-Salazar, H. A. Jiménez-Romero, S. Chávez-Cerda	Optica	1094-1622 (online), 1050-2947 (print).	Physical Review A		SI	2.991	2.729	3.042
Propagation and perfect transmission in three-waveguide axially varying couplers	B. M. Rodríguez-Lara, H.M. Moya-Cessa, D. N. Christodoulides	Optica	1094-1622 (online), 1050-2947 (print).	Physical Review A	89	SI	2.991	2.729	3.042
Optical simulation of Majorana physics	B.M. Rodríguez-Lara, H.M. Moya-Cessa	Optica	1094-1622 (online), 1050-2947 (print).	Physical Review A	89	SI	2.991	2.729	3.042

Morphology of wave fronts and caustics associated with circular wave refracted by an arbitrary curve: the two-dimensional axicon	G. Martínez Niconoff, G. Silva Ortigoza, R. Suarez Xique.	Óptica	1050-2947	Physical Review A		SI	2,991	2,729	3,042
Voltage effect in holograms of polyvinyl alcohol with FeCl ₃	Arturo Olivares-Pérez, Mary Paz Hernández-Garay, Santa Toxqui-López, Israel Fuentes-Tapia, Manuel Jorge Ordóñez-Padilla	Optica	2073-4360	Polymers	899-925	SI	2.505	2.652	1.687
Non-contact cardiac activity monitoring using pulsed laser vibrometer	Chen Chia Wang, Sudhir Trivedi, Susan Kutcher, Ponciano Rodríguez, Feng Jin, V. Swaminathan, Frank Walters, Narasimha S. Prasad	Optica	2306-8515 (print), 1726-5479 (online)	Sensors & Transducers Journal and Magazine	173-176	NO			0.705

