

5.8.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
1	Search for TeV gamma-ray emission from point-like sources in the Inner Galactic Plane with a partial configuration of the HAWC observatory	18/01/2016	1. Abeyskara, A. U., Alfaro, R., Alvarez, C., Álvarez, J. D., Arceo, R., Arteaga-Velázquez, J. C., Ayala Solares, H. A., Barber, A. S., Baughman, B. M., N., Bautista-Elivar, A. D. Becerril Reyes, E. Belmont, S. Y. BenZvi, A. Bernal, J. Braun, K. S. Caballero-Mora, Capistrán, T. , Carramiñana, A. , S. Casanova, M. Castillo, U. Cotti, J. Cotzomi, Coutiño de León, S. E. de la Fuente, C. De León, T. DeYoung, B. L. Dingus, M. A. DuVernois, R. W. Ellsworth; O. Enriquez-Rivera, D. W. Fiorino, N. Fraija, F. Garfias, M. M. González, J. A. Goodman, M. Gussert, Z. Hampel-Arias, J. P. Harding, S. Hernández, P. Hütemeyer, C. M. Hui, A. Imran, A. Iriarte, P. Karn, D. Kieda, A. Lara, R. J. Lauer, W. H. Lee, D. Lennarz, H. León Vargas, J. T. Linnemann, M. Longo, G. Luis Raya, K. Malone, A. Marinelli, S.S. Marinelli, L. A. Martínez, H. Martínez, O. Martínez, J. Martínez-Castro, J. A. Matthews, P. Miranda-Romagnoli, E. Moreno, M. Mostafa, L. Nellen, M. Newbold, R. Noriega-Papaqui, B. Patricelli, R. Pelayo, E. G. Pérez-Pérez, J. Pretz, Z. Ren, C. Rivière, Rosa-González, D. , H. Salazar, F. Salesa Greus, A. Sandoval, M. Schneider, G. Sinnis, A. J. Smith, K. Sparks Woodle, R. W. Springer, I. Taboada, O. Tibolla, K. Tollefson, Torres, I. T. N. Ukwatta, L. Villaseñor, K. Vrabec, T.	The Astrophysical Journal	doi:10.3847/0004-637X/817/1/3
2	New bright optical spectrophotometric standards: A-type stars from the STIS Next Generation Spectral Library	01/02/2016	Allende Prieto, del Burgo, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi:10.1093/mnras/stv2518
3	A mid-infrared spectroscopic atlas of local active galactic nuclei on sub-arcsecond resolution using GTC/CanariCam	01/01/2016	Alonso-Herrero, A., Esquej, P., Roche, P. F., Ramos Almeida, C., González-Martín, O., Packham, C., Levenson, N. A., Mason, R. E., Hernán-Caballero, A., Pereira-Santaella, M., Alvarez, C., Aretxaga, I. , López-Rodríguez, E., Colina, L., Díaz-Santos, T., Imanishi, M., Rodríguez Espinosa, J. M., Perlman, E.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2342
4	Optical Spectroscopic Observations of Gamma-ray Blazar Candidates. V. TNG, KPNO, and OAN Observations of Blazar Candidates of Uncertain Type in the Northern Hemisphere	27/01/2016	Álvarez Crespo, N., Masetti, N., Ricci, F., Landoni, M., Patiño-Álvarez, V. (est.) , Massaro, F., D'Abrusco, R., Paggi, A., Chavushyan, V. , Jiménez-Bailón, E., Torrealba, J., Latronico, L., La Franca, F., Smith, H. A., Tosti, G.	The Astronomical Journal	10.3847/0004-6256/151/2/32
5	Optical Spectroscopic Observations of Gamma-Ray Blazar Candidates. VI. Further Observations from TNG, WHT, OAN, SOAR, and Magellan Telescopes	04/03/2016	Álvarez Crespo, N., Massaro, F., Milisavljevic, D., Landoni, M., Chavushyan, V. , Patiño-Álvarez, V. (est.) , Masetti, N., Jiménez-Bailón, E., Strader, J., Chomiuk, L., Katagiri, H., Kagaya, M., Cheung, C. C., Paggi, A., D'Abrusco, R., Ricci, F., La Franca, F., Smith, H. A., Tosti, G.	The Astronomical Journal	doi:10.3847/0004-6256/151/4/95
6	The oxygen abundance gradient in M81 and the robustness of abundance determinations in H II regions	21/02/2016	Arellano-Córdova, K. Z. (est.) , Rodríguez, M. , Mayya, Y. D. , Rosa-González, D.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2461
7	Temporal decorrelation of optical turbulence as a function of altitude in the atmosphere	11/05/2016	Avilés, J. L. , Avila, R., Carrasco, E. , Sánchez, L. J., Chun, M., Butterley, T., Wilson, R., Urbola, F. J.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw270
8	1RXS J180408.9-342058: An ultra compact X-ray binary candidate with a transient jet	01/03/2016	Baglio, M. C., D'Avanzo, P., Campana, S., Goidoni, P., Masetti, N., Muñoz-Darias, T., Patiño-Álvarez, V. (est.) , Chavushyan, V.	Astronomy & Astrophysics	10.1051/0004-6361/201527147
9	Galaxy Cluster Scaling Relations Measured with APEX-SZ	16/05/2016	Bender, N., Kennedy, J., Ade, P. A. R., Basu, K., Bertoldi, F., Burkutean, S., Clarke, J., Dahlin, D., Dobbs, M., Ferrusca, D. , Flanigan, D., Halverson, N. W., Holzapfel, W. L., Horellou, C., Johnson, B. R., Kermish, Z. D., Klein, M., Kneissl, R., Lanting, T., T. Lee, A., Mehl, Menten, J., D. Muders, A. Nagarajan, F. Pacaud, C. L. Reichardt, P. L. Richards, R. Schaaf, D. Schwan, M. W. Sommer, Spieler, H., Tucker, C. Westbrook, B.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1158
10	THE SCUBA-2 COSMOLOGY LEGACY SURVEY: MULTIWAVELENGTH COUNTERPARTS TO 103 SUBMILLIMETER GALAXIES IN THE UKIDSS-UDS FIELD	01/04/2016	Chen, C.-C., Smail, I., Ivison, R. J., Arumugam, V., Almaini, O., Conscience, C. J., Geach, J. E., Hartley, W. G., Ma, C.-J., Mortlock, A., Simpson, C., Simpson, J. M., Swinbank, A. M., Aretxaga, I. , Blain, A., Chapman, S. C., Dunlop, J. S., Farrah, D., Halpern, M., Michalowski, M. J., van der Werf, P., Wilkinson, A., Zavala, J. A. (est.)	The Astrophysical Journal	doi:10.3847/0004-637X/820/2/82
11	Early Science with the Large Millimeter Telescope: COOL BUDHIES I – a pilot study of molecular and atomic gas at z ~ 0.2	22/04/2016	Cybulski, R., Yun, M. S., Erickson, N., De la Luz, V., Narayanan, V., Montaña, A. , Sánchez-Argüelles, D. (est.) , Zavala, J. A. (est.) , Zeballos, M., Chung, A., Fernández, X., van Gorkom, J., Haines, C. P., Jaffé, Y., Montero-Castaño, M., Poggianti, B. M., Verheijen, M. A., Yoon, H., Harrington, K., Hughes, D. H. , Morrison, G. E., Schloerb, F. P., Velazquez, Miguel	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw798
12	The Fe/Ni ratio in ionized nebulae: clues on dust depletion patterns	14/01/2016	Delgado-Inglada, G., Mesa-Delgado, A., García-Rojas, J., Rodríguez, M. , Esteban, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stv2961
13	A multi-wavelength study of star formation activity in the S235 complex	01/03/2016	Dewangan, L. K., Ojha, D. K., Luna, A. , Anandarao, B. G., Ninan, J. P., Mallick, K. K., Mayya, Y. D.	The Astrophysical Journal	doi:10.3847/0004-637X/819/1/66
14	Persistent Asymmetric Structure of Sagittarius A* on Event Horizon Scales	01/04/2016	Fish, V. L., Johnson, M. D., Doeleman, S. S., Broderick, A. E., Psaltis, D., Lu, R.-S., Akiyama, K., Alef, W., Algaba, J. C., Asada, K., Beaudoin, C., Bertarini, A., Blackburn, L., Blundell, R., Bower, G. C., Brinkerink, C., Cappallo, R., Chael, A. A., Chamberlin, R., Chan, C.-K., Crew, G. B., Dexter, J., Dexter, M., Dzub, S. A., Falcke, H., Freund, R., Friberg, P., Greer, C. H., Gurwell, M. A., Ho, P. T. P., Honma, M., Inoue, M., Johannsen, T., Kim, J., Krichbaum, T. P., Lamb, J., León-Tavares, J. , Loeb, A., Loinard, L., MacMahon, D., Marrone, D. P., Moran, J. M., Mościbrodzka, M., Ortiz-León, G. N., Oyama, T., Özel, F., Plambeck, R. L., Pradel, N., Primiani, R. A., Rogers, A. E. E., Rosenfeld, K., Rottmann, H., Roy, A. L., Ruzszyk, C., Smythe, D. L., SooHoo, J., Spilker, J., Stone, J., Strittmatter, P., Tilanus, R. P. J., Titus, M., Vertatschitsch, L., Wagner, J., Wardle, J. F. C., Weintraub, J., Woody, D., Wright, M., Yamaguchi, P., Young, A., Young, K. H., Zensus, J. A., Ziurys, L. M.	The Astrophysical Journal	doi:10.3847/0004-637X/820/2/90

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15	The XXL Survey. VI. The 1000 brightest X-ray point sources	15/06/2016	Fotopoulou, S., Pacaud, F., Paltani, S., Ranalli, P., Ramos-Ceja, M. E., Faccioli, L., Plionis, M. , Adami, C., Bongiorno, A., Brusa, M., Chiappetti, L., Desai, S., Elyiv, A., Lidman, C., Melnyk, O., Pierre, M., Piconcelli, E., Vignali, C., Alis, S., Ardila, F., Arnouts, S., Baldry, I., Bremer, M., Eckert, D., Guennou, L., Horellou, C., Iovino, A., Koulouridis, E., Liske, J., Maurogordato, S., Menanteau, F., Mohr, J. J., Owers, M., Poggianti, B., Pompei, E., Sadibekova, T., Stanford, A., Tuffs, R., Willis, J.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527402
16	Characterizing the environments of supernovae with MUSE	01/02/2016	Galbany, L., Anderson, J. P., Rosales-Ortega, F. F. , Kuncarayakti, H., Krühler, T., Sánchez, S. F., Falcón-Barroso, J., Pérez, E., Maureira, J. C., Hamuy, M., González-Gaitán, S., Förster, F., Moral, V.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2620
17	Warm ionized gas in CALIFA early-type galaxies. 2D emission-line patterns and kinematics for 32 galaxies	25/04/2016	Gómez, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	10.1051/0004-6361/201525976
18	Spectroscopic aperture biases in inside-out evolving early-type galaxies from CALIFA	23/02/2016	Gómez, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527312
19	Spiral-like star-forming patterns in CALIFA early-type galaxies	01/01/2016	Gómez, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201525974
20	Wolf-Rayet stars in M81: Detection and Characterization using GTC/OSIRIS spectra and HST/ACS images	12/05/2016	Gómez-González, V. M. A. (est.) , Mayya, Y. D. , Rosa-González, D.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1118
21	A Catalog of Methanol Masers in Massive Star-forming Regions. III. The Molecular Outflow Sample	01/02/2016	Gómez-Ruiz, A. I. , Kurtz, S. E., Araya, E. D., Hofner, P., Loinard, L.	The Astrophysical Journal Supplement Series	10.3847/0067-0049/222/2/18
22	Early science with the Large Millimeter Telescope: observations of extremely luminous high-z sources identified by Planck	15/03/2016	Harrington, K. C., Yun, M. S., Cybulski, R., Wilson, G. W., Aretxaga, I. , Chávez, M. , De la Luz, V., Erickson, N., Ferrusca, D. , Gallup, A. D., Hughes, D. H. , Montaña, A. , Narayanan, G., Sánchez-Argüelles, D. (est.) , Schloerb, F. P., Soucar, K., Terlevich, E. , Terlevich, R. , Zeballos, M., Zavala, J. A. (est.)	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw614
23	GTC optical imaging of extremely red SC radio galaxies at high redshift	01/01/2016	Humphrey, A. , Villar-Martín, M., Lagos, P.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526411
24	The SCUBA-2 Cosmology Legacy Survey: galaxies in the deep 850 μm survey, and the star-forming 'main sequence'	10/03/2016	Koprowski, M. P., Dunlop, J. S., Michałowski, M. J., Roseboom, I., Geach, J. E., Cirasuolo, M., Aretxaga, I. , Bowler, R. A. A., Banerji, M., Bourne, N., Coppin, K. E. K., Chapman, S., Hughes, D. H. , Jenness, T., McClure, R. J., Symeonidis, M., Werf, P. v. d.,	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw564
25	The XMM spectral catalog of SDSS optically selected Seyfert 2 galaxies	19/01/2016	Koulouridis, E., Georgantopoulos, I., Loukaidou, G., Corral, A., Akylas, A., Koutoulidis, L., Jiménez-Andrade, E. F., León-Tavares, J. , Ranalli, P.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526515
26	The XXL Survey. XII. Optical spectroscopy of X-ray-selected clusters and the frequency of AGN in superclusters	15/06/2016	Koulouridis, E., Poggianti, B., Altieri, B., Valtchanov, I., Jaffé, Y., Adami, C., Elyiv, A., Melnyk, O., Fotopoulou, S., Gastaldello, F., Horellou, C., Pierre, M., Pacaud, F., Plionis, M. , Sadibekova, T., Surdej, J.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526976
27	Comparison of spatial and angular clustering of X-ray AGN	02/05/2016	Koutoulidis, L., Plionis, M. , Georgantopoulos, I., Georgakakis, A., Akylas, A., Basilakos, S., Mountrichas, G.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527814
28	Infrared Observational Manifestations of Young Dusty Super Star Clusters	01/01/2016	Martínez-González, S. , Tenorio-Tagle, G., Silich, S.	The Astrophysical Journal	doi:10.3847/0004-637X/816/1/39
29	The Intrinsic Shape of Sagittarius A* at 3.5 mm Wavelength	10/06/2016	Ortiz-León, G. N., Johnson, M. D., Doleman, S. S., Blackburn, L., Fish, V. L., Loinard, L., Reid, M. J., Castillo, E. , Chael, A. A., Hernández-Gómez, A., Hughes, D. H. , León-Tavares, J. , Lu, R.-S., Montaña, A. , Narayanan, G., Rosenfeld, K., Sánchez, D., Schloerb, F. P., Shen, Z.-q., Shiokawa, H., SooHoo, J., Vertshtschitsch, L.	The Astrophysical Journal	doi:10.3847/0004-637X/824/1/40
30	The XXL Survey. I. Scientific motivations - XMM-Newton observing plan - Follow-up observations and simulation programme	15/06/2016	30. Pierre, M., Pacaud, F., Adami, C., Alis, S., Altieri, B., Baran, N., Benoist, C., Birkinshaw, M., Bongiorno, A., Bremer, M. N., Brusa, M., Butler, A., Cillegi, P., Chiappetti, L., Clerc, N., Corasaniti, P. S., Coupon, J., De Breuck, C., Democles, J., Desai, S., Delhaize, J., Devriendt, J., Dubois, Y., Eckert, D., Elyiv, A., Ettori, S., Evrard, A., Faccioli, L., Farahi, A., Ferrari, C., Finet, F., Fotopoulou, S., Fourmanoit, N., Gandhi, P., Gastaldello, F., Gastaud, R., Georgantopoulos, I., Giles, P., Guennou, L., Guglielmo, V., Horellou, C., Husband, K., Huynh, M., Iovino, A., Kilbinger, M., Koulouridis, E., Lavoie, S., Le Brun, A. M. C., Le Fevre, J. P., Lidman, C., Lieu, M., Lin, C. A., Mantz, A., Maughan, B. J., Maurogordato, S., McCarthy, I. G., McGee, S., Melin, J. B., Melnyk, O., Menanteau, F., Novak, M., Paltani, S., Plionis, M. , Poggianti, B. M., Pomarede, D., Pompei, E., Ponman, T. J., Ramos-Ceja, M. E., Ranalli, P., Rapetti, D., Raychaudury, S., Reiprich, T. H., Rottgering, H., Rozo, E., Rykoff, E., Sadibekova, T., Santos, J., Sauvageot, J. L., Schimd, C., Sereno, M., Smith, G. P., Smolčić, V., Snowden, S., Spergel, D., Stanford, S., Surdej, J., Valageas, P., Valotti, A., Valtchanov, I., Vignali, C., Willis, J., Ziparo, F.,	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526766

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31	Planck intermediate results. XXXVII. Evidence of unbound gas from the kinetic Sunyaev-Zeldovich effect	09/02/2016	Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, M., Ashdown, M., Aubourg, E., Aumont, J., Baccigalupi, C., Banday, A. J., Barreiro, R. B., Bartolo, N., Battaner, E., Benabed, K., Benoit-Lévy, A., Bersanelli, M., Bielewicz, P., Bock, J. J., Bonaldi, A., Bonavera, L., Bond, et al. (incluyendo León-Tavares, J.)	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526328
32	Planck intermediate results. XXXVI. Optical identification and redshifts of Planck SZ sources with telescopes at the Canary Islands observatories	09/02/2016	Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, M., Ashdown, M., Aumont, J., Baccigalupi, C., Banday, A. J., Barreiro, R. B., Barrena, R., Bartolo, N., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bikmaev, I., Böhringer, H., Bonaldi, A., et al. (incluyendo León-Tavares, J.)	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526345
33	The ionized X-ray outflowing torus in ESO 323-G77: low-ionization clumps confined by homogeneous warm absorbers	20/01/2016	Sanfrutos, M., Miniutti, G., Krongold, Y., Agis-González, B., Longinotti, A. L.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stv2976
34	FIRST LONG-TERM OPTICAL SPECTRAL MONITORING OF A BINARY BLACK HOLE CANDIDATE E1821+643. I. VARIABILITY OF SPECTRAL LINES AND CONTINUUM	25/02/2016	Shapovalova, A. I., Popović, L. Č., Chavushyan, V. H. , Burenkov, A. N., Ilić, D., Kollatschny, W., Kovačević, A., Valdés, J. R. , Patíño-Álvarez, V. (est.) , León-Tavares, J., Torrealba, J., Zhdanova, V. E.	The Astrophysical Journal Supplement Series	doi:10.3847/0067-0049/222/2/25
35	Primary Black Hole Spin in OJ 287 as Determined by the General Relativity Centenary Flare	10/03/2016	Valtonen, M. J., Zola, S., Ciprini, S., Gopakumar, A., Matsumoto, K., Sadakane, K., Kidger, M., Gazeas, K., Nilsson, K., Berdyugin, A., Piirola, V., Jermak, H., Baliyan, K.S., Alicavus, F., Boyd, D., Campas Torrent, M., Campos, F., Carrillo Gómez, J., Caton, D.B., Chavushyan, V. , Dalessio, J., Debski, B., Dimitrov, D., Drozd, M., Er, H., Erdem, A., Escartín Pérez, A., Fallah Ramazani, V., Filippenko, A. V., Ganesh, S., Garcia, F., Gómez Pinilla, F., Gopinathan, M., Haislip, J. B., Hudec, R., Hurst, G., Ivarsen, K. M., Jelinek, M., Joshi, A., Kagitani, M., Kaur, N., Keel, W. C., LaCluyze, A. P., Lee, B. C., Lindfors, E., Lozano de Haro, J., Moore, J. P., Mugrauer, M., Naves Nogues, R., Neely, A. W., Nelson, R. H., Ogloza, W., Okano, S., Pandey, J. C., Perri, M., Pihajoki, P., Poyner, G., Provencal, J., Pursimo, T., Raj, A., Reichart, D. E., Reinthal, R., Sadegí, S., Sakanoi, T., Salto González, J.-L., Sameer, Schweyer, T., Siwak, M., Soldán Alfaro, F. C., Sonbas, E., Steele, I., Stocke, J. T., Strobl, J., Takalo, L. O., Tomov, T., Tremosa Espasa, L., Valdes, J. R. , Valero Pérez, J., Verrecchia, F., Webb, J. R., Yoneda, M., Zejmo, M., Zheng, W., Telting, J., Saario, J., Reynolds, T., Kvammen, A., Gafton, E.	The Astrophysical Journal	doi:10.3847/2041-8205/819/2/L37
36	Continuum observations of M 51 and M 83 at 1.1 mm with AzTEC	28/03/2016	Wall, W. F., Puerari, I. , Tilanus, R., Israel, F. P., Austermann, J. E., Aretxaga, I. , Wilson, G., Yun, M., Scott, K. S., Perera, T. A., Roberts, C. M., Hughes, D. H.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw687
37	Fossil group origins. VII. Galaxy substructures in fossil systems	26/01/2016	Zarattini, S., Girardi, M., Aguerri, J. A. L., Boschin, W., Barrena, R., del Burgo, C. , Castro-Rodríguez, N., Corsini, E. M., D'Onghia, E., Kundert, A., Méndez-Abreu, J., Sánchez-Janssen, R.,	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527175
38	A microbolometer fabrication process using polymorphous silicon-germanium films (pm-SixGe:H) as thermosensing material	23/04/2016	Calleja, C., Torres, A., Moreno, M., Rosales, P., Sanz-Pascual, M. T., Velázquez, M.	PHYSICA STATUS SOLIDI A	DOI: 10.1002/pssa.201532983
39	SXDF-ALMA 2-arcmin2 Deep Survey: 1.1-mm number counts	04/04/2016	Hatsukade, B., Kohno, K., Umehata, H., Aretxaga, I. , Caputi, K. I., Dunlop, J. S., Ikarashi, S., Iono, D., Ivison, R. J., Lee, M., Makiya, R., Matsuda, Y., Motohara, K., Nakanishi, K., Ohta, K., Tadaki, K.-I., Tamura, Y., Wang, W.-H., Wilson, G. W., Yamaguchi, Y., Yun, M. S.	Publications of Astronomical Society of Japan	doi: 10.1093/pasj/psw026
40	The solar radio emission during the minimum between the 23-24 cycles of solar activity	05/02/2016	Mendoza-Torres, J.E. , Palacios-Fonseca, J.S.	Advances in Space Research	http://dx.doi.org/10.1016/j.asr.2016.01.024
41	Pipe3D, a pipeline to analyze Integral Field Spectroscopy Data: II. Analysis sequence and CALIFA dataproducs	01/04/2016	Sánchez, S. F., Pérez, E., Sánchez-Blázquez, P., García-Benito, R., Ibarra-Mede, H. J., González, J. J., Rosales-Ortega, F. F. , Sánchez-Menguiano, L., Ascasibar, Y., Bitsakis, T., Law, D., Cano-Díaz, M., López-Cobá, C., Marino, R. A., Gil de Paz, A., López-Sánchez, A. R., Barrera-Ballesteros, J., Galbany, L., Mast, D., Abriú-Melgarejo, V., Roman-Lopes, A.	Revista Mexicana de Astronomía y Astrofísica	http://www.scielo.org.mx/pdf/rmaa/v52n1/0185-1101-maa-52-01-00171.pdf
42	Analysis of the adiabatical pulsation of Cepheids	01/01/2016	Dehnen, H., Corona-Galindo, M.G. , Gelover-Santiago, A.L.	Revista Mexicana de Física	https://kops.uni-konstanz.de/bitstream/handle/123456789/33622/Dehnen_0-321768.pdf?sequence=5
43	4 Kelvin Cryogenic Characterization of Commercial pHEMT Transistors at 9 kHz to 8.5 GHz Range	25/01/2016	Ibarra-Medel, E. (est.) , Velázquez, M. , Ventura, S., Ferrusa, D. , Gómez-Rivera, V. (est.)	JOURNAL OF LOW TEMPERATURE PHYSICS	doi:10.1007/s10909-015-1461-0
44	Design of a 2-mm Wavelength KIDs Prototype Camera for the Large Millimeter Telescope	24/02/2016	Velázquez, M. , Ferrusa, D. , Castillo-Domínguez, E. , Ibarra-Medel, E. (est.) , Ventura, S., Gómez-Rivera, V. (est.) , Hughes, D. , Aretxaga, I. , Grant, W., Doyle, S., Mauskopf, P.	JOURNAL OF LOW TEMPERATURE PHYSICS	DOI: 10.1007/s10909-016-1536-6
45	Baldwin Effect and Additional BLR Component in AGN with Superluminal Jets	02/06/2016	Patíño Álvarez, V. (est.) , Torrealba, J., Chavushyan, V. , Cruz González, I., Arshakian, T., León-Tavares, J. , Popović, L.	Frontiers in Astronomy and Space Sciences	http://dx.doi.org/10.3389/fspas.2016.00019
46	Discovery of a pseudobulge galaxy launching powerful relativistic jets	08/09/2016	J.K. Kotilainen (FINCA, Univ. Turku), J. Leon Tavares, A. Olguin-Iglesias , M. Baes, C. Anorve, V. Chavushyan , L. Carrasco	Astrophysical Journal	DOI: 10.3847/0004-637X/832/2/157
47	The host galaxies of active galactic nuclei with powerful relativistic jets	11/08/2016	A. Olguin-Iglesias , J. León-Tavares, J. K. Kotilainen, V. Chavushyan , M. Tornikoski, E. Valtaoja, C. Añorve, J. Valdes , L. Carrasco	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stw1208
48	Early science with the Large Millimetre Telescope: Deep LMT/AzTEC millimetre observations of ϵ Eridani and its surroundings	08/06/2016	M. Chavez-Dagostino , E. Bertone, F. Cruz-Saenz de Miera, J. P. Marshall, G. W. Wilson, D. Sanchez-Arguelles, D. H. Hughes , G. Kennedy, O. Vega , V. De la Luz, W. R. Dent, C. Eiroa, A. Gomez-Ruiz, J. S. Greaves, S. Lizano, R. Lopez-Valdivia, E. Mamajek, A. Montaña , M. Olmedo, I. Rodriguez-Montoya, F. P. Schloerb, Min S. Yun, J. A. Zavała, M. Zeballos	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1363

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5.8.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
49	ALMA's view of the nearest neighbors to the Sun. The submm/mm SEDs of the α Centauri binary and a new source	19/10/2016	René Liseau, Victor De la Luz, Eamon O'Gorman, Emanuele Bertone, Miguel Chavez, Francisco Tapia	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201629135
50	Accurate parameters for HD 209458 and its planet from HST spectrophotometry	11/08/2016	del Burgo, C., Allende Prieto, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw2005
51	The SHARDDS survey: First resolved image of the HD 114082 debris disk in the Lower Centaurus Crux with SPHERE	30/11/2016	Wahhaj, Z., Milli, J., Kennedy, G., Ertel, S., Matrà, L., Boccaletti, A., del Burgo, C., Wyatt, M., Pinte, C., Lagrange, A.-M., Absil, O., Choquet, E., Gómez González, C. A., Kobayashi, M., Mawet, D., Mouillet, D., Pueyo, L., Dent, W. R. F., Augereau, J.-C., Girard, J.	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201629769
52	Incidence of debris discs around FGK stars in the solar neighbourhood	19/09/2016	Montesinos, B., Eiroa, C., Krivov, A. V., Marshall, J. P., Pilbratt, G. L., Liseau, R., Mora, A., Maldonado, J., Wolf, S., Ertel, S., Bayo, A., Augereau, J.-C., Heras, A. M., Fridlund, M., Danchi, W. C., Solano, E., Kirchsclager, F., del Burgo, C., Montes, D.	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201628329
53	Polarization Measurements of Hot Dust Stars and the Local Interstellar Medium	10/07/2016	Marshall, J. P., Cotton, D. V., Bott, K., Ertel, S., Kennedy, G. M., Wyatt, M. C., del Burgo, C., Absil, O., Bailey, J., Kedziora-Chudczer, L.	Astrophysical Journal	doi:10.3847/0004-637X/825/2/124
54	The solar radio emission during the minimum between the 23–24 cycles of solar activity	15/11/2016	Mendoza-Torres, J.E., Palacios-Fonseca, J.S.	Advances in Space Research	http://dx.doi.org/10.1016/j.asr.2016.01.024
55	The number distribution of weak Explosive Events observed by SUMER/SOHO	15/11/2016	Mendoza-Torres, J.E.	Advances in Space Research	http://dx.doi.org/10.1016/j.asr.2016.01.024
56	Constraining the dark energy equation of state with H II galaxies	28/07/2016	Chavez, R., Plionis, M., Basilakos, S., Terlevich, R., Terlevich, E., Melnick, J., Bresolin, F., & Gonzalez-Moran, A. L.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1813
57	Direct measurement of lensing amplification in Abell S1063 using a strongly lensed high redshift HII galaxy	12/07/2016	Roberto Terlevich, Jorge Melnick, Elena Terlevich, Ricardo Chávez, Eduardo Telles, Fabio Bresolin, Manolis Plionis, Spyros Basilakos, David Fernández Arenas, Ana Luisa, González Morán, Ángeles I. Díaz and Itziar Aretxaga	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201628772
58	MUSE Reveals a Recent Merger in the Post-starburst Host Galaxy of the TDE ASASSN-14ii	20/10/2016	Prieto, J. L., Krühler, T., Anderson, J. P., Galbany, L., Kochanek, C. S., Aquino, E., Brown, J. S., Dong, S., Förster, F., Holoien, T. W.-S., Kuncarayakti, H., Maureira, J. C., Rosales-Ortega, F. F., Sánchez, S. F., Shappee, B. J., Stanek, K. Z.	The Astrophysical Journal Letters	doi:10.3847/2041-8205/830/2/L32
59	The dependence of oxygen and nitrogen abundances on stellar mass from the CALIFA survey	01/11/2016	Pérez-Montero, E., García-Benito, R., Vilchez, J. M., Sánchez, S. F., Kehrig, C., Husemann, B., Duarte Puertas, S., Iglesias-Páramo, J., Galbany, L., Mollá, M., Walcher, C. J., Ascasiar, Y., González Delgado, R. M., Marino, R. A., Masegosa, J., Pérez, E., Rosales-Ortega, F. F., Sánchez-Blázquez, P., Bland-Hawthorn, J., Bomans, D., López-Sánchez, Á. R., Ziegler, B., Califa Collaboration	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201628601
60	CALIFA, the Calar Alto Legacy Integral Field Area survey. IV. Third public data release	07/10/2016	Sánchez, S. F., García-Benito, R., Zibetti, S., Walcher, C. J., Husemann, B., Mendoza, M. A., Galbany, L., Falcón-Barroso, J., Mast, D., Aceituno, J., Aguerri, J. A. L., Alves, J., Amorim, A. L., Ascasiar, Y., Barrado-Navascues, D., Barrera-Ballesteros, J., Bekeraïtè, S., Bland-Hawthorn, J., Cano Díaz, M., Cid Fernandes, R., Cavichia, O., Cortijo, C., Dannerbauer, H., Demleitner, M., Diaz, A., Dettmar, R. J., de Lorenzo-Cáceres, A., del Olmo, A., Galazzi, A., García-Lorenzo, B., Gil de Paz, A., González Delgado, R., Holmes, L., Iglesias-Páramo, J., Kehrig, C., Kelz, A., Kennicutt, R. C., Kleemann, B., Lacerda, E. A. D., López Fernández, R., López Sánchez, A. R., Lyubenova, M., Marino, R., Márquez, I., Mendez-Abreu, J., Mollá, M., Monreal-Ibero, A., Ortega Minakata, R., Torres-Papaqui, J. P., Pérez, E., Rosales-Ortega, F. F., Roth, M. M., Sánchez-Blázquez, P., Schilling, U., Spekkens, K., Vale Asari, N., van den Bosch, R. C. E., van de Ven, G., Vilchez, J. M., Wild, V., Wisotzki, L., Yıldırım, A., Ziegler, B.,	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201628661
61	First survey of Wolf-Rayet star populations over the full extension of nearby galaxies observed with CALIFA	08/08/2016	Miralles-Caballero, D., Díaz, A. I., López-Sánchez, Á. R., Rosales-Ortega, F. F., Monreal-Ibero, A., Pérez-Montero, E., Kehrig, C., García-Benito, R., Sánchez, S. F., Walcher, C. J., Galbany, L., Iglesias-Páramo, J., Vilchez, J. M., González Delgado, R. M., van de Ven, G., Barrera-Ballesteros, J., Lyubenova, M., Meidt, S., Falcon-Barroso, J., Mast, D., Mendoza, M. A., Califa Collaboration	Astronomy & Astrophysics	http://dx.doi.org/10.1051/0004-6361/201527179
62	Aperture Effects on the Oxygen Abundance Determinations from CALIFA Data	22/07/2016	Iglesias-Páramo, J., Vilchez, J. M., Rosales-Ortega, F. F., Sánchez, S. F., Duarte Puertas, S., Petropoulou, V., Gil de Paz, A., Galbany, L., Mollá, M., Catalán-Torrecilla, C., Castillo Morales, A., Mast, D., Husemann, B., García-Benito, R., Mendoza, M. A., Kehrig, C., Pérez-Montero, E., Papaderos, P., Gomes, J. M., Walcher, C. J., González Delgado, R. M., Marino, R. A., López-Sánchez, Á. R., Ziegler, B., Flores, H., Alves, J.	Astrophysical Journal	10.3847/0004-637X/826/1/71
63	Pipe3D, a pipeline to analyze Integral Field Spectroscopy Data: I. New fitting philosophy of FIT3D	01/04/2016	Sánchez, S. F.; Perez, E.; Sanchez-Blazquez, P.; Gonzalez, J. J.; Rosales-Ortega, F. F.; Cano-Diaz, M.; Lopez-Coba, C.; Marino, R. A.; de Paz, A. Gil; Molla, M.; Lopez-Sanchez, A. R.; Ascasiar, Y.; Barrera-Ballesteros, J.	Revista Mexicana de Astronomia y Astrofisica	http://www.scielo.org.mx/pdf/rmaa/v52n1/0185-1101-rmaa-52-01-00021.pdf
64	The complex evolutionary paths of local infrared bright galaxies: a high-angular resolution mid-infrared view	11/12/2016	Alonso-Herrero, A., Poulton, R., Roche, P. F., Hernán-Caballero, A., Aretxaga, I., Martínez-Paredes, M. (est.), Ramos Almeida, C., Pereira-Santaella, M., Díaz-Santos, T., Levenson, N. A., Packham, C., Colina, L., Esquej, P., González-Martín, O., Ichikawa, K., Imanishi, M., Rodríguez Espinosa, J. M., Telesco, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw2031

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5.8.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
65	Clumpy and Extended Starbursts in the Brightest Unlensed Submillimeter Galaxies	20/09/2016	iono, D., Yun, M. S., Aretxaga, I. , Hatsukade, B., Hughes, D. , Ikarashi, S., Izumi, T., Kawabe, R., Kohno, K., Lee, M., Matsuda, Y., Nakanishi, K., Saito, T., Tamura, Y., Ueda, J., Umehata, H., Wilson, G., Michiyama, T., Ando, M.	The Astrophysical Journal Letters	doi:10.3847/2041-8205/829/1/L10
66	SXDF-ALMA 2 arcmin ² deep survey: Resolving and characterizing the infrared extragalactic background light down to 0.5 mJy	19/08/2016	Yamaguchi, Y., Tamura, Y., Kohno, K., Aretxaga, I. , Dunlop, J. S., Hatsukade, B., Hughes, D. , Ikarashi, S., Ishii, S., Ivison, R. J., Izumi, T., Kawabe, R., Kodama, T., Lee, M., Makiya, R., Matsuda, Y., Nakanishi, K., Ohta, K., Rujopakarn, W., Tadaki, K.-i., Umehata, H., Wang, W.-H., Wilson, G. W., Yabe, K., Yun, M. S.	Publications of the Astronomical Society of Japan	doi: 10.1093/pasj/psw073
67	Looking for blazars in a sample of unidentified high-energy emitting Fermi sources	18/08/2016	Marchesini, E. J., Masetti, N., Chavushyan, V. , Cellone, S. A., Andruchow, I., Bassani, L., Bazzano, A., Jiménez-Bailón, E., Landi, R., Malizia, A., Palazzi, E., Patiño-Álvarez, V., Rodríguez-Castillo, G. A., Stephen, J. B., Ubertini, P.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201629028
68	Evidence for Periodicity in 43 year-long Monitoring of NGC 5548	01/08/2016	Bon, E., Zucker, S., Netzer, H., Marziani, P., Bon, N., Jovanović, P., Shapovalova, A. I., Komossa, S., Gaskell, C. M., Popović, L. Č., Britzen, S., Chavushyan, V. H. , Burenkov, A. N., Sergeev, S., La Mura, G., Valdés, J. R. , Stalevski, M.	The Astrophysical Journal Supplement Series	doi:10.3847/0067-0049/225/2/29
69	Superoutburst of WZ Sge-type dwarf nova below the period minimum: ASASSN-15po	03/12/2016	Namekata, K., Isogai, K., Kato, T., Littlefield, C., Matsumoto, K., Kojiguchi, N., Sugiura, Y., Uto, Y., Fukushima, D., Tatsumi, T., Yamada, E., Kamibetsunawa, T., de Miguel, E., Stein, W. L., Sabo, R., Andreev, M. V., Morelle, E., Pavlenko, E. P., Babina, J. V., Baklanov, A. V., Antonyuk, K. A., Antonyuk, O. I., Sosnovskij, A. A., Shugarov, S. Y., Golysheva, P. Y., Gladilina, N. G., Miller, I., Neustroev, V. V., Chavushyan, V. , Valdés, J. R. , Sjöberg, G., Maeda, Y., Itoh, H., Masi, G., Michel, R., Dubovsky, P. A., Kiyota, S., Tordai, T., Oksanen, A., Ruiz, J., Nogami, D.	Publications of the Astronomical Society of Japan	doi: 10.1093/pasj/psw107
70	The gamma-ray blazar quest: new optical spectra, state of art and future perspectives	01/10/2016	Massaro, F., Álvarez Crespo, N., D'Abrusco, R., Landoni, M., Masetti, N., Ricci, F., Milisavljevic, D., Paggi, A., Chavushyan, V. , Jiménez-Bailón, E., Patiño-Álvarez, V., Strader, J., Chomiuk, L., La Franca, F., Smith, H. A., Tosti, G.	Astrophysics and Space Science	doi: 10.1007/s10509-016-2926-6
71	Optical archival spectra of blazar candidates of uncertain type in the 3rd Fermi Large Area Telescope Catalog	25/08/2016	Álvarez Crespo, N., Massaro, F., D'Abrusco, R., Landoni, M., Masetti, N., Chavushyan, V. , Jiménez-Bailón, E., La Franca, F., Milisavljevic, D., Paggi, A., Patiño-Álvarez, V., Ricci, F., Smith, H. A.	Astrophysics and Space Science	doi:10.1007/s10509-016-2902-1
72	A Search for QPOs in the Blazar OJ287: Preliminary Results from the 2015/2016 Observing Campaign	01/10/2016	Zola, S., Valtonen, M., Bhatta, G., Goyal, A., Debski, B., Baran, A., Krzesinski, J., Siwak, M., Ciprini, S., Gopakumar, A., Jermak, H., Nilsson, K., Reichart, D., Matsumoto, K., Sadakane, K., Gazeas, K., Kidger, M., Pirola, V., Alicavus, F., Baliyan, K., Berdyugin, A., Boyd, D., Campas Torrent, M., Campos, F., Carrillo Gómez, J., Caton, D., Chavushyan, V. , Dalessio, J., Dimitrov, D., Drozd, M., Er, H., Erdem, A., Escartin Pérez, A., Fallah Ramazani, V., Filippenko, A., Garcia, F., Gómez Pinilla, F., Gopinathan, M., Haislip, J., Harmanen, J., Hudec, R., Hurst, G., Ivarsen, K., Jelinek, M., Joshi, A., Kagitani, M., Kaur, N., Keel, W., LaCluyze, A., Lee, B., Lindfors, E., Lozano de Haro, J., Moore, J., Mugrauer, M., Naves, Noguees, R., Neely, A., Nelson, R., Ogloza, W., Okano, S., Pandey, J., Perri, M., Pihajoki, P., Poyner, G., Provençal, J., Pursimo, T., Raj, A., Reintal, R., Sadeg, S., Sakanio, T., Sameer, Salto González, J.-L., Schweyer, T., Soldán Alfaro, F., Karaman, N., Sonbas, E., Steele, I., Stocke, J., Strobl, J., Takalo, L., Tomov, T., Tremosa Espasa, L., Valdes, J., Valero, Pérez, J., Verrecchia, F., Webb, J., Yoneda, M., Zejmo, M., Zheng, W., Teltng, J., Saario, J., Reynolds, T., Kvammen, A., Gafton, E., Karjalainen, R., Blay, P.	Galaxies	DOI: 10.3390/galaxies4040041
73	Non-stationary emission of the blazar S4 0954+658 over a wide range of wavelength	24/11/2016	Volvach, A.E., Bychkova, V. S., Larionov, M.G., Kardashev, N.S., Volvach, L.N., Vlasjuk, V.V., Spiridonova, O.I., Lähteenmäki, A., Tornikoski, M., Aller, M.F., Pooley, G., Carrasco, L. , Porras, A. , Recillas, E.	Astronomy Reports	doi:10.1134/S1063772916120052
74	The SCUBA-2 Cosmology Legacy Survey: The EGS deep field I - Deep number counts and the redshift distribution of the recovered Cosmic Infrared Background at 450 and 850 um	13/10/2016	J. A. Zavala, I. Aretxaga, J. E. Geach, D. H. Hughes, M. Birkinshaw, E. Chapin, S. Chapman, Chian-Chou Chen, D. L. Clements, J. S. Dunlop, D. Farrah, R. J. Ivison, T. Jenness, M. J. Michalowski, E. I. Robson, Douglas Scott, J. Simpson, M. Spaans, P. van der Werf	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw2630
75	Asymmetric structure in Sgr A* at 3 mm from closure phase measurements with VLBA, GBT and LMT	19/07/2016	Brinkerink, Christiana D.; Müller, Cornelia; Falcke, Heino; Bower, Geoffrey C.; Krichbaum, Thomas P.; Castillo, Edgar ; Deller, Adam T.; Doeleman, Sheperd S.; Fraga-Encinas, Raquel; Goddi, Ciriaco; Hernández-Gómez, Antonio; Hughes, David H. ; Kramer, Michael; Léon-Tavares, Jonathan; Loinard, Laurent; Montaña, Alfredo ; Mościbrodzka, Monika; Ortiz-León, Gisela N.; Sanchez-Arguelles, David; Tilanus, Remo P. J.; Wilson, Grant W.; Zensus, J. Anton	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1743
76	THE REALM OF THE GALACTIC GLOBULAR CLUSTERS AND THE MASS OF THEIR PRIMORDIAL CLOUDS	10/07/2016	Guillermo Tenorio-Tagle , Casiana Muñoz-Tuñón, Santi Cassisi and Sergiy Silich	Astrophysical Journal	doi:10.3847/0004-637X/825/2/118
77	LOLAS-2: Redesign of an Optical Turbulence Profiler with High Altitude-resolution	01/10/2016	Avila, R., Zúñiga, C. A., Tapia-Rodríguez, J. J.; Sánchez, L. J.; Cruz-González, I.; Avilés, J. L.; Valdés-Hernández, O.; Carrasco, Esperanza	Publications of the Astronomical Society of the Pacific	doi:10.1088/1538-3873/128/968/105001
78	Temporal decorrelation of optical turbulence as a function of altitude in the atmosphere	03/03/2016	J.L. Avilés, R. Avila, Esperanza Carrasco , L.J. Sánchez, M. Chun, T. Butterley, R. Wilson and F.J. Urbiola	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw270
79	Gas expulsion vs gas retention: what process dominates in young massive clusters?	08/11/2016	S. Silich, G. Tenorio-Tagle	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw2879

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N°	Título	Año	Autores	Revista	DOI
80	The nature of the torus in the heavily obscured AGN Markarian 3: an X-ray study	10/05/2016	Guainazzi, M.; Risaliti, G.; Awaki, H.; Arevalo, P.; Bauer, F. E.; Bianchi, S.; Boggs, S. E.; Brandt, W. N.; Brightman, M.; Christensen, F. E.; Craig, W. W.; Forster, K.; Hailey, C. J.; Harrison, F.; Koss, M.; Longinotti, A. L.; Markwardt, C.; Marinucci, A.; Matt, G.; Reynolds, C. S.; Ricci, C.; Stern, D.; Svoboda, J.; Walton, D.; Zhang, W.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1033
81	High energy noise-like pulsing in a double-clad Er/Yb figure-of-eight fiber laser	13/06/2016	J. P. Lauterio-Cruz, J. C. Hernandez-García, O. Pottiez, J. M. Estudillo-Ayala, E. A. Kuzin, R. Rojas-Laguna, H. Santiago-Hernandez, and D. Jauregui-Vazquez.	Optics Express	doi: 10.1364/OE.24.013778
82	Dissipative soliton resonance in a full polarization-maintaining fiber ring laser at different values of dispersion	27/04/2016	I. Armas-Rivera , C. Cuadrado-Laborde, A. Carrascosa, E. A. Kuzin, G. Beltrán-Pérez, A. Díez, and M. V. Andrés	Optics Express	doi: 10.1364/OE.24.009966
83	Topological properties of the interaction between focusing regions kind cusped	21/06/2016	G. Martínez Niconoff , S. I. de los Santos García, M. A. Torres Rodríguez, R. Suarez Xique, M. Vargas Morales, P. Martínez Vara, A. Carbajal Domínguez	Optics Express	doi: 10.1364/OE.24.014648
84	Generalized Schrödinger cat states and their classical emulation	11/05/2016	A. Perez-Leija, A. Szameit, I. Ramos-Prieto, H. Moya-Cessa , D. N. Christodoulides	Physical Review A	DOI: 10.1103/PhysRevA.93.053815
85	Generalized revival and splitting of an arbitrary optical field in GRIN media	04/05/2016	H. M. Moya-Cessa , F. Soto-Eguibar, V. Arrizon, A. Zúñiga-Segundo	Optics Express	doi: 10.1364/OE.24.010445
86	Implementation of quantum and classical discrete fractional Fourier transforms	23/03/2016	S. Weimann, A. Perez-Leija, M. Lebugle, R. Keil, M. Tichy, M. Gräfe, R. Heilmann, S. Nolte, H. Moya-Cessa , G. Weihs, D. Christodoulides, A. Szameit	Nature Communications	doi:10.1038/ncomms11027
87	Absolute phase recovery in structured light illumination systems: Sinusoidal vs. intensity discrete patterns	22/04/2016	Rosario Porras-Aguilar , Konstantinos Falaggis	Optics and Lasers in Engineering	http://dx.doi.org/10.1016/j.optlaseng.2016.04.010
88	Continuous-wave laser generated jets for needle free applications	01/01/2016	Carla Berrospe-Rodríguez, Claas Willem Visser, Stefan Schlautmann, Ruben Ramos-García and David Fernandez Rivas	Biomicrofluidics	doi: 10.1063/1.4940038
89	Z-scan for thin media with more than one nonlocal nonlinear response	08/06/2016	B. A. Martínez Irvias, M. L Arroyo, M. M. Mendez Otero, R. García Ramos and M. D. Iturbe Castillo	Optics Express	doi: 10.1364/OE.24.013387
90	All-optical PT-symmetric conversion of amplitude (phase) modulation to phase (amplitude) modulation	18/02/2016	O. I. Zaragoza Gutiérrez, L. F. Salinas Mendoza and B. M. Rodríguez-Lara .	Optics Express	doi: 10.1364/OE.24.003989
91	Few mode EDFA with photonic lantern for pump spatial mode control	01/06/2016	G. Lopez Galmiche, Z. Sanjabi Eznaveh, J. E. Antonio Lopez, A. M. Velazquez Benitez, J. Rodriguez Asomoza, J. J. Sanchez Mondragon , C. Gonnet, P. Sillard, G. Li, A. Schülzgen, C.M. Okonkwo, and R. Amezcua Correa	Optics Letters	doi: 10.1364/OL.41.002588
92	Swept source OCT beyond the coherence length limit	03/05/2016	Oleg Kolokoltsev, Iván Gómez-Arista, C. G. Treviño-Palacios , N. Qureshi, E.V. Mejia-Urriarte	Journal of Selected Topics in Quantum Electronics	10.1109/JSTQE.2016.2556226
93	Statistical characterization of the internal structure of noise-like pulses using a nonlinear optical loop mirror	20/05/2016	O.Pottiez, R. Paez-Aguirre, J. L. Cruz, M. V. Andres, E. A. Kuzin	Optics Communications	http://dx.doi.org/10.1016/j.optcom.2016.05.029
94	The Pegg-Barnett phase operator and the discrete Fourier transform	22/03/2016	A. Perez-Leija, L.A. Andrade Morales, F. Soto-Eguibar , A. Szameit, H. Moya-Cessa	Physica Scripta	doi:10.1088/0031-8949/91/4/043008
95	Exact solution to laser rate equations: Three-level laser as a Morse-like oscillator	06/02/2016	R. de J. León-Montiel, H. Moya-Cessa	Journal of Modern Optics	DOI: 10.1080/09500340.2016.1144824
96	Schrodinger like equation for Wavelets	01/01/2016	A. Zúñiga-Segundo, H. Moya-Cessa , F. Soto-Eguibar	AIP Advances	doi: 10.1063/1.4939813
97	Application of perturbation theory to a master equation	01/01/2016	B. M. Villegas-Martínez, F. Soto-Eguibar , H. Moya-Cessa	Advances in Mathematical Physics	http://dx.doi.org/10.1155/2016/9265039
98	Calomel-made crystalline acousto-optical cell designed for an advanced regime of non-collinear two-phonon light scattering	20/06/2016	Alexandre Shcherbakov , Adan Omar Arellanes	Optical Engineering	doi: 10.1364/AO.55.004833
99	Features of the non-linearity specific to two-phonon light scattering controlled by elastic waves with linear losses: potentials for high resolution spectral analysis	20/06/2016	Alexandre Shcherbakov , Adan Omar Arellanes	Applied Optics	doi: 10.1364/AO.55.004833
100	An optoelectronic multiplexer for wireless transmissions of high-speed data-modulated microwave sub-carriers	01/02/2016	Celso Gutiérrez-Martínez , Joel santos-Aguilar, Adolfo Morales-Díaz, Jacobo Meza-Pérez, Alfredo Torres-Fórtiz	Microwave and Optical Technology Letters	DOI: 10.1002/mop.29593
101	Concordancia diagnóstica entre los métodos visual e informático en la detección de metástasis por gammagrafía ósea en cáncer de próstata	01/04/2016	Blanca Zapote-Hernández, José Carlos Cruz-Santiago, Emmanuel González-Vargas, Alberto Jaramillo-Núñez	Anales de Radiología México	http://www.medigraphic.com/pdfs/anaradmex/arm-2016/arm162e.pdf
102	Status and opportunities for future use of terahertz radiation for clinical applications	01/01/2016	C.G. Treviño-Palacios	Photonics & Lasers in Medicine	https://www.researchgate.net/publication/282401745_Status_and_opportunities_for_future_use_of_terahertz_radiation_for_clinical_applications
103	A super-Gaussian discrete cosine transform filter for the detection of pathologies in retinographies	01/05/2016	Luis David Lara-Rodríguez, Gonzalo Urcid	International Journal of Engineering Science and Innovative Technology	http://www.ijesit.com/Volume%205/Issue%203/IJESIT201603_01.pdf
104	Mammograms calcifications segmentation based on band-pass Fourier filtering and adaptive statistical thresholding	01/04/2016	Elizabeth López-Meléndez, Gonzalo Urcid	European International Journal of Science and Technology	http://www.ejst.org.uk/images/frontimages/gallery/Vol_5_No_3/7_51-63.pdf

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N°	Título	Año	Autores	Revista	DOI
105	Cross-cavity quantum Rabi model	19/09/2016	C Huerta Alderete and B M Rodríguez-Lara	Journal of Physics A: Mathematical and Theoretical	doi:10.1088/1751-8113/49/41/414001
106	Revisiting the optical PT-symmetric dimer	10/07/2016	J. D. Huerta Morales, J. Guerrero, S. Lopez-Aguayo, and B. M. Rodríguez-Lara	Symmetry-Basel	doi:10.3390/sym8090083
107	Features of the three-phonon acousto-optical interaction due to elastic waves of finite amplitude and an advanced spectrum analysis of optical signals	09/08/2016	A. S. Shcherbakov and A. O. Arellanes	Journal of the Optical Society of America B	https://doi.org/10.1364/JOSAB.33.001852
108	An advanced multi-band acousto-optical radio-wave spectrometer with multi-channel frequency processing for astrophysical studies	23/11/2016	Alexandre Shcherbakov , Adan Omar Arellanes , Miguel Chavez Dagostino , Eduardo Tepichin	International Journal of Astronomy and Astrophysics	10.4236/ijaa.2016.64032
109	Precise parallel optical spectrum analysis using the advanced two-phonon light scattering combined with the cross-disperser technique	01/12/2016	Alexandre Shcherbakov , Adan Omar Arellanes , V.Chavushyan	Applied Optics	https://doi.org/10.1364/AO.55.009648
110	Polarization evolution of vector wave amplitudes in twisted fibers pumped by single and paired pulses	01/11/2016	M. Almanee, J. W. Haus, I. Armas-Rivera, G. Beltrán-Pérez, B. Ibarra-Escamilla , M. Duran-Sanchez , R. I. Alvarez-Tamayo, E. A. Kuzin , Y. E. Bracamontes-Rodríguez, and J. W. Haus	Optics Letters	https://doi.org/10.1364/OL.41.004927
111	MMI filters configuration for dual-wavelength generation in a ring cavity erbium-doped fibre laser	04/11/2016	R. I. Alvarez-Tamayo, J. G. Aguilar-Soto, M. Duran-Sanchez , J. E. Antonio-Lopez, B. Ibarra-Escamilla , and E. A. Kuzin	Journal of the European Optical Society	DOI: 10.1186/s41476-016-0025-5
112	Complex dynamics of a fiber laser in non-stationary pulsed operation	22/08/2016	García-Sánchez, O. Pottiez, Y. Bracamontes-Rodríguez, J. P. Lauterio-Cruz, H. E. Ibarra-Villalón, J. C. Hernández García, M. Bello-Jiménez, and E. A. Kuzin	Optics Express	https://doi.org/10.1364/OE.24.018917
113	On the birefringence evaluation of single-mode fibers	01/07/2016	D. Tentori, A. García-Weidner, and Evgeny Kuzin	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/4/62_4_381.pdf
114	Perturbation approximation for higher modes in nearly regular two-dimensional cavities	22/11/2016	N. Korneev	Cogent Physics	https://doi.org/10.1080/23311940.2016.1262725
115	Inversion method based on stochastic optimization for particle sizing	01/08/2016	JUAN JAIME SÁNCHEZ-ESCOBAR, LILIANA IBETH BARBOSA-SANTILLÁN, JAVIER VARGAS-UBERA AND FÉLIX AGUILAR-VALDÉS	Applied Optics	https://doi.org/10.1364/AO.55.005806
116	OPTICAL MANIPULATION USING OPTIMAL ANNULAR VORTICES	01/09/2016	RAFAEL PAEZ-LOPEZ, ULISES RUIZ, VICTOR ARRIZON, AND RUBEN RAMOS-GARCIA	Optics Letters	
117	In-vitro effect of antimicrobial photodynamic therapy with methylene blue in two different genera of dermatophyte fungi	28/07/2016	Terেসita Spezzia-Mazzocco , Susana A. Torres-Hurtado, Julio Cesar Ramirez-San-Juan , Rubén Ramos-García	Photonics & Lasers in Medicine	https://doi.org/10.1515/plm-2016-0021
118	Raman spectroscopy and PCA-SVM as a non-invasive diagnostic tool to identify and classify qualitatively glycated hemoglobin levels in vivo	23/12/2016	J. F. Villa-Manríquez, J. Castro-Ramos , F. Gutiérrez-Delgado, M. A. López-Pacheco, A. E. Villanueva-Luna	Journal of Biophotonics	DOI: 10.1002/jbio.201600169
119	Three-dimensional ray tracing in spherical and elliptical generalized Luneburg lenses for application in the human eye lens	10/03/2016	J. E. Gómez-Correa, V. Coello, A. Garza-Rivera, P. Puente and S. Chávez-Cerda	Applied Optics	https://doi.org/10.1364/AO.55.002002
120	Transverse characterization of focused Bessel beams with angular momentum applied to study degree of coherence	22/03/2016	Xi He, Fengtie Wu, Ziyang Chen, Jixiong Pu and Sabino Chavez-Cerda	Journal of Optics	doi:10.1088/2040-8978/18/5/055605
121	Photonic frequency up-conversion of baseband pulses for IR-UWB using optical beating and balanced coherent detection	29/08/2016	Joel Santos Aguilar, Arturo Arvizu, Celso Gutiérrez-Martínez	Microwave and Optical Technology Letters	10.1002/mop.30144
122	Two nonlinear optical processes in z-scan curves of a bleached photographic film	26/09/2016	E. Reynoso Lara, A. Balbuena Ortega, Y. E. Bravo García, J. A. Davila Pintle, M. L. Arroyo Carrasco and M. D. Iturbe Castillo	Journal of the European Optical Society-Rapid Publications	DOI: 10.1186/s41476-016-0015-7
123	Fast Quantum Rabi Model with Trapped Ions	12/12/2016	H. MOYA-CESSA	Scientific Reports	doi:10.1038/srep38961
124	Dynamics of accelerating Bessel solutions of Maxwell's equations	01/10/2016	P. Aleahmad, H. MOYA-CESSA , I. Kaminer, M. Segev and D.N. Christodoulides	Journal of the Optical Society of America A	https://doi.org/10.1364/JOSAA.33.002047
125	Entropy for the Quantized Field in the Atom-Field Interaction: Initial Thermal Distribution	23/09/2016	Luis Amílca Andrade-Morales, Braulio M. Villegas-Martínez and Hector M. Moya-Cessa	Entropy	doi:10.3390/e18100346
126	Spectral narrowing due to linear coupling in two-core fibers	01/08/2016	Néstor Lozano-Crisóstomo, Julio C. García-Melgarejo, Daniel A. May-Arrijoja, and Javier Sánchez-Mondragón	Journal of the Optical Society of America B	https://doi.org/10.1364/JOSAB.33.001607
127	ELECTROMAGNETIC FIELD THEORY FOR INVARIANT BEAMS USING SCALAR POTENTIALS	2016	By I. Rondon-Ojeda and F. Soto-Eguibar	Progress In Electromagnetics Research B	doi:10.2528/PIERB15123102
128	Determinación de los rangos ideales de tonos de gris para una muestra de 59 gammagramas óseos	01/10/2016	Jaramillo-Núñez A , Zapote-Hernández B, Sánchez-Rinza B, Titla-Tlatelpa JJ	Anales de Radiología México	
129	Monolithic Integration of a Silicon-Based Photonic Transceiver in a CMOS Process	01/02/2016	A. A. González-Fernández, J. Juvert, M. Aceves-Mijares , C. Domínguez	IEEE Photonics Journal	10.1109/JPHOT.2015.2505144
130	Temporal photonic crystals with modulations of both permittivity and permeability	09/06/2016	Juan Sabino Martínez-Romero, O. M. Becerra-Fuentes, and P. Halevi	Physical Review A	DOI:http://dx.doi.org/10.1103/PhysRevA.93.063813
131	Single vacancy defect spectroscopy on HFO2 using random telegraph noise signals from scanning tunneling microscopy		R. Thamankar, N. Raghavan, J. Molina , F. M. Puglisi, S. J. O'Shea, K. Shubhakar, L. Larcher, P. Pavan, A. Padovani, and K. L. Pey	JOURNAL OF APPLIED PHYSICS	http://dx.doi.org/10.1063/1.4941697

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133	Generating a 50-scroll chaotic attractor at 66MHz by using FPGAs	13/05/2016	E. Tielo-Cuautle , A. D. Pano-Azucena , J. J. Rangel-Magdaleno, V. H. Carbajal-Gomez, G. Rodríguez-Gomez	NONLINEAR DYNAMICS	DOI 10.1007/s11071-016-2820-3
134	Characterization of Hot-Carrier-Induced RF-MOSFET Degradation at Different Bulk Biasing Conditions From - Parameters	01/01/2016	Fabián Zárate-Rincón, Víctor H. Vega-González, Reydezel Torres-Torres , Roberto S. Murphy-Arteaga	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	10.1109/TMTT.2015.2504090
135	A DC Method to Extract Mobility Degradation and Series Resistance of Multifinger Microwave MOSFETs	05/05/2016	Andrea Sucre-González, Fabián Zárate-Rincón, Adelmo Ortiz-Conde, Reydezel Torres-Torres , Francisco J. García-Sánchez, Juan Muci, Roberto S. Murphy-Arteaga	IEEE TRANSACTIONS ON ELECTRON DEVICES	10.1109/TED.2016.2538778
136	Electrical and electroluminescent characterization of nanometric multilayers of SiO _x /SiO _y obtained by LPCVD including non-normal emission	2016	J. Alarcón-Salazar, I. E. Zaldívar-Huerta , and M. Aceves-Mijares	Journal of Applied Physics letters	doi: 10.1063/1.4952730
137	Effectiveness of Low-Voltage Testing to Detect Interconnect Open Defects Under Process Variations	01/01/2016	Jesus Moreno, Michel Renovell, and Victor Champac	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	10.1109/TVLSI.2015.2397934
138	Early Selection of Critical Paths for Reliable NBTI Aging-Delay Monitoring	01/07/2016	Andrés F. Gomez, Victor Champac	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	10.1109/TVLSI.2015.2513379
139	Impact of Fin-Height on SRAM Soft Error Sensitivity and Cell Stability	10/05/2016	Hector Villacorta, Jaime Segura, Victor Champac	JOURNAL OF ELECTRONIC TESTING-THEORY AND APPLICATIONS	DOI 10.1007/s10836-016-5591-3
140	Ethical Considerations for Pain Detection in Non Communicative Patients	01/03/2016	D. A. Blanco, A. Díaz Méndez and B. P. Guzmán	IEEE LATIN AMERICA TRANSACTIONS	10.1109/TLA.2016.7459590
141	Anomalous Shift of the capacitance-Voltage Characteristics Obtained for p-MOS Capacitors with a Tin-Doped Indium Oxide Gate	10/05/2016	Oleksandr Malikz and F. Javier De la Hidalga-Wade	ECS Journal of Solid State Science and Technology	doi: 10.1149/2.0011607jss
142	Performance of ultra-thin HfO ₂ -based MIM devices after oxygen modulation and post-metallization annealing in N ₂	07/03/2016	Joel Molina , Ramesh Thamankar, and Kin Leong Pey	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532993
143	A microbolometer fabrication process using polymorphous silicon-germanium films (pm-SixGe _y :H) as thermosensing material	29/04/2016	Cesar Calleja , Alfonso Torres Jacome , Mario Moreno Moreno , Pedro Rosales Quintero , María Teresa Sanz-Pascual and Miguel Velázquez	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532983
144	Micropower CMOS lock-in amplifier for portable applications	12/05/2016	P.M. Maya Hernández , M.T. Sanz Pascual and B. Calvo	ELECTRONICS LETTERS	DOI: 10.1049/el.2015.4391
145	Vibration Analysis of Partially Damaged Rotor Bar in Induction Motor under Different Load Condition Using DWT	2016	Jose Rangel-Magdaleno , Hayde Peregrina-Barreto , Juan Manuel Ramirez-Cortes , Roberto Morales-Caporal , and Israel Cruz-Vega	SHOCK AND VIBRATION	http://dx.doi.org/10.1155/2016/3530464
146	Effect of substrate temperature on the plasma texturing process of c-Si wafers for black silicon solar cells	30/04/2016	D. Murias, M. Moreno , C. Reyes-Betanzo , A. Torres , P. Rosales , J. Martínez1, R. Ambrosio, P. Roca i Cabarrocas, N. Carlos, and A. Itzmoyotl	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532954
147	A Novel Modeling Methodology for Memristive Systems Using Homotopy Perturbation Methods	08/06/2016	Carlos Hernández-Mejía, Arturo Sarmiento-Reyes , Héctor Vázquez-Leal	Circuits, Systems, and Signal Processing	DOI 10.1007/s00034-016-0346-z
148	Speed-up hyperspheres homotopic path tracking algorithm for PWL circuits simulations	24/06/2016	A. Ramirez-Pinero, H. Vazquez-Leal, V. M. Jimenez-Fernandez, H. M. Sedighi, M. M. Rashidi, U. Filobello-Nino, R. Castaneda-Sheissa, J. Huerta-Chua, L. A. Sarmiento-Reyes , J. R. Laguna-Camacho and F. Castro-Gonzalez	SpringerPlus	DOI 10.1186/s40064-016-2534-5
149	FPGA-based test bed for measurement of AM/AM and AM/PM distortion and modeling memory effects in RF PAs	01/01/2016	José Cruz Nuñez-Pérez, José Ricardo Cárdenas-Valdez, Katherine Montoya-Villegas, J. Apolinar Reynoso-Hernández, José Raúl Loo-Yau, Christian Gontrand, Esteban Tielo-Cuautle	INTEGRATION-THE VLSI JOURNAL	http://dx.doi.org/10.1016/j.vlsi.2015.06.007
150	Piecewise physical modeling of series resistance and inductance of on-chip interconnects	12/03/2016	Diego M. Cortés-Hernández, Reydezel Torres-Torres , Mónico Linares-Aranda , Oscar González-Díaz	Solid-State Electronics	http://dx.doi.org/10.1016/j.sse.2016.02.011
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152	Demonstration and experimental evaluation of a bi-directional 10-GHz microwave photonic filter	31/03/2016	I. E. Zaldívar-Huerta , A. G. Correa-Mena, P. Hernández-Nava, A. García-Juárez, J. Rodríguez-Asomoza, MinWonLee	Optics & Laser Technology	http://dx.doi.org/10.1016/j.optlastec.2016.03.023
153	An optoelectronic circuit with light source, an optical waveguide and a sensor on silicon: Results and analysis of a novel system	05/10/2016	J. Alarcón-Salazar n, I. E. Zaldívar-Huerta , M. Aceves-Mijares	Optics & Laser Technology	http://dx.doi.org/10.1016/j.optlastec.2016.04.013
154	Coherence properties of the electric field generated by an incoherent source of currents distributed on the surface of a sphere	01/01/2016	JORGE R. ZURITA-SÁNCHEZ	Journal of the Optical Society of America A	http://dx.doi.org/10.1364/JOSAA.33.000118
155	Hermetic capacitive pressure sensors for biomedical applications	31/05/2016	Daniela Díaz-Alonso, Mario Moreno-Moreno , Carlos Zuñiga , Joel Molina Reyes , Wilfrido Calleja , Juan Carlos Cisneros, Luis Niño de Rivera, Volodymyr Ponomaryov, Felix Gil Angel Guillen Efrain Rubio	Microelectronics International	http://dx.doi.org/10.1108/MI-05-2015-0046

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156	A noise-Robust Positive-Feedback Floating-Gate Logic	01/04/2016	LUIS F. CISNEROS-SINENCIO, ALEJANDRO DIAZ-SANCHEZ , JAIME RAMIREZ-ANGULO	IEICE TRANSACTIONS on Electronics	DOI: 10.1587/transele.E99.C.452
157	A current mode instrumentation amplifier based on the flipped voltage follower in 0.50um CMOS	01/06/2016	Gregorio Zamora-Mejía, Jaime Martínez-Castillo, José Miguel Rocha-Pérez and Alejandro Díaz-Sánchez	Analog Integrated Circuits and Signal Processing	DOI: 10.1007/s10470-016-0731-3
158	A Digitally Enhanced LDO Voltage Regulator For UHF RFID Passive Tags	26/05/2016	Gregorio Zamora-Mejía, Jaime Martínez-Castillo, José Miguel Rocha-Pérez and Alejandro Díaz-Sánchez	IEICE Electronics Express	DOI: 10.1587/elex.13.20150989
159	Low power two-stage comb decimation structures for high decimation factors	06/02/2016	Gerardo Molina Salgado, Gordana Jovanovic Dolecek & Jose M. de la Rosa	Analog Integrated Circuits and Signal Processing	DOI 10.1007/s10470-016-0700-x
160	CHARACTERIZATION OF AMORPHOUS CuS THIN FILMS OBTAINED FROM FAST TIME AND LOW TEMPERATURE OF DEPOSITION	01/05/2016	A. CARRILLO CASTILLO, R. C. AMBROSIO LÁZARO, E. M. LIRA OJEDA, M. A. DE LA MOTA GONZÁLEZ, M. A. QUEVEDO LÓPEZ, M. MORENO MORENO , V. R. GONZALEZ DIAZ, J. F. GUERRERO CASTELLANOS	Chalcogenide Letters	http://www.chalcogen.ro/217_CarrilloA.pdf
161	Solution-processed transparent dielectric based on spin-on glass for electronic devices	01/05/2016	M.A. Domínguez, J.A. Luna-Lopez, M. Moreno Moreno , A. Orduña, M. Garcia, S. Alcantara and S. Soto	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/3/62_3_282.pdf
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163	Smart Switch to Connect and Disconnect Electrical Devices at Home by Using Internet	01/04/2016	J. E. G. Salas, R. M. Caporal, E. B. Huerta, J. J. Rodríguez and J. J. R. Magdaleno	IEEE LATIN AMERICA TRANSACTIONS	http://www.ewh.ieee.org/reg/9/etrans/ieeee/issues/vol14/vol14issue4April2016/14TLA4_05GiralSala.pdf
164	Impact of planarized gate electrode in bottom-gate thin-film transistors	2016	M.A. Domínguez, P. Rosales , A. Torres Jácome , F. Flores, J.A. Luna, S. Alcantara, and M. Moreno Moreno	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/3/62_3_223.pdf
165	A CMOS-MEMS Test Chip for process control feedback on materials and devices properties	01/04/2016	Carlos Ramón Báez Álvarez, Mónico Linares Aranda , Wilfrido Calleja Arriaga , Alfonso Torres Jácome	European International Journal of Science and Technology	http://www.eijst.org.uk/images/frontimages/gallery/Vol._5_No._3/12_105-115.pdf
166	A Generic MEMS Fabrication Process Based on a Thermal Budget Approach	29/06/2016	Carlos Ramón Báez Álvarez, Mónico Linares Aranda , Alfonso Torres Jácome , Mario Moreno Moreno , Joel Molina Reyes , Carlos Zúñiga Islas , Wilfrido Calleja Arriaga	Journal of Electronics Cooling and Thermal Control	http://dx.doi.org/10.4236/jectc.2016.62009
167	Amorphous Silicon-Germanium Films with Embedded Nanocrystals for Thermal Detectors with Very High Sensitivity	2016	Cesar Calleja, Alfonso Torres , Pedro Rosales-Quintero , and Mario Moreno	Journal of Nanotechnology	http://dx.doi.org/10.1155/2016/5807940
168	Effects of hydrogen dilution and B-doping on the density of Si-C bonds and properties of a-Si _{1-x} C _x :H films	01/06/2016	J. Herrera-Celis, C. Reyes-Betanzo , A. Itzmoiytl-Toxqui	Superficies y Vacío	
169	Physical Aspects of Negative Oxide Charge in p-MOS Capacitors with Annealed ITO Gates	01/04/2016	Oleksandr Malik , F. Javier De la Hidalga-Wade	International Journal of Engineering and Applied Sciences (IJEAS)	https://www.ijeas.org/download_data/IJEAS0304031.pdf
170	TUNABLE MATCHING NETWORK FOR ACCURATE IMPEDANCE MEASUREMENT OF ON-CHIP AND PCB MILLIMETER-WAVE ANTENNAS	27/07/2016	L. K. Sandoval Granados and R. S. Murphy Arteaga	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	DOI: 10.1002/mop.30083
171	Development of thick film, CMOS compatible planar millimetre-wave antenna for antennas in package applications	17/08/2016	L. K. Sandoval Granados and R. S. Murphy Arteaga	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	DOI 10.1007/s00542-016-3084-z
172	Conductance-to-Current-Ratio-Based Parameter Extraction in MOS Leakage Current Models	16/08/2016	Adelmo Ortiz-Conde, Andrea Sucre-González, Reydezel Torres-Torres , Joel Molina , Roberto S. Murphy-Arteaga and Francisco J. García-Sánchez	IEEE TRANSACTIONS ON ELECTRON DEVICES	DOI: 10.1109/TED.2016.2597964
173	Novel common mode suppression network for the transformation of single-ended to balanced filters	22/09/2016	Peláez JE , Olvera-Cervantes JL, Corona-Chavez A	Microwave and Optical Technology Letters	10.1002/mop.30161
174	Analysis and procedure to design differential wideband filters with high-selectivity and high common-mode suppression	02/11/2016	Cruz-Pérez E , Olvera-Cervantes JL, Corona-Chávez A .	Journal of Electromagnetic Waves and Applications	http://dx.doi.org/10.1080/09205071.2016.1246979
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176	Novel balanced diplexer with band design flexibility	01/07/2016	Corona Chavez A , Kataria TK, Cervantes JO	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/4/62_4_304.pdf
177	Analysis of quantumconductance, read disturb and switching statistics in HfO2 RRAM using conductive AFM	18/09/2016	A. Ranjan, N. Raghavan, J. Molina , S.J. O'Shea, K. Shubhakar, K.L. Pey	Microelectronics Reliability	http://dx.doi.org/10.1016/j.microrel.2016.07.112
178	MODELING A MIM CAPACITOR INCLUDING SERIES RESISTANCE AND INDUCTANCE FOR CHARACTERIZING NANOMETER HIGH-K DIELECTRIC FILMS	11/11/2016	Diego M. Cortes-Hernández, Ren e Valderrama-B, Reydezel Torres-Torres , and Joel Molina	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	DOI 10.1002/mop
179	On a practical methodology for optimization of the trial function in order to solve BVP problems by using a Modified Version of Picard Method	1-Jul-2016	U. Filobello-Nino, H. Vazquez-Leal, A. Perez-Sesma, J. Cervantes-Perez, L. Hernandez-Martinez, A. Herrera-May, V.M. Jimenez-Fernandez, A. Marin-Hernandez, C. Hoyos-Reyes, A. Diaz-Sanchez , J. Huerta Chua	Applied Mathematics & Information Sciences	doi:10.18576/amis/100414
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181	Characterization of Off Stoichiometric Silicon Oxide by Thermo, Cathode, and Photo-Luminescence	01/09/2016	Carlos Ruiz, Rosa Lopez-Estopier, Jesus Alarcon-Salazar, Marco A. Vasquez-A, Dainet Berman, Tom M. Pifers, Jorge Pedraza , Mariano Aceves-Mijares	Athens Journal of Sciences	http://d.researchbib.com/ft/9nq3q3YzS0nT1hp2ciqKWhLkmYzqIY3AwnJlhL2ImYmVjZGLgZl0mYGVgHalcv5jMtl.pdf

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183	Novel common mode suppression network for the transformation of single ended to balanced filters	22/09/2016	Peláez JE , Olvera Cervantes JL , Corona Chavez A.	Microwave and Optical Technology Letters	DOI: 10.1002/mop.30161
184	A CMOS morlet Wavelet generator	01/06/2016	A. I. Bautista-Castillo, J. M. Rocha-Pérez, A. Díaz-Sánchez , J. Lemus-López and L. A Sánchez-Gaspariano	RADIOENGINEERING	
185	CMOS harmonic upconverter with power management of 2nd harmonic for wideband short-range communications	03/12/2016	lejandro Israel Bautista-Castillo, Luis Abraham Sánchez-Gaspariano, Victor Rodolfo González-Díaz, Carlos Muñoz-Montero, Jose Miguel Rócha Pérez, Alejandro Díaz-Sánchez	Analog Integrated Circuits and Signal Processing	doi:10.1007/s10470-016-0887-x
186	High Resolution Time-Frequency Representation for Chirp Signals Using an Adaptive System Based on Duffing Oscillators	01/08/2016	Antonio H. Costa, Rogério Enriquez-Caldera , M. Tello-Bello, Carlos R. Bermúdez-Gómez	Digital Signal Processing	http://dx.doi.org/10.1016/j.dsp.2016.04.008
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188	Electromagnetic Wave Propagation in an Externally Modulated Low-Pass Transmission Line	16/09/2016	José Roberto Reyes-Ayona and Peter Halevi	IEEE Transactions on Microwave Theory and Techniques	DOI: 10.1109/TMTT.2016.2604319
189	Novel Multiplierless Wideband Compensator with High Compensation Capability	31/08/2016	G. Jovanovic Dolecek , R. Garcia Baez, G. Molina Salgado, J. de la Rosa	Circuits, Systems, and Signal Processing	doi:10.1007/s00034-016-0398-0
190	On simple comb zero rotation: Rouche's theorem approach	19/08/2016	R. Garcia Baez and G. Jovanovic Dolecek	International Journal of Electronics	http://dx.doi.org/10.1080/00207217.2016.1220632
191	Hybrid photovoltaic structures based on amorphous silicon and P3HT:PCBM/PEDOT:PSS polymer semiconductors	01/11/2016	Ismael Cosme, Andrey Kosarev, Svetlana Mansurova, Antonio J. Olivares, Hiram E. Martinez, Adrian Itzmoyotl	Organic Electronics	http://dx.doi.org/10.1016/j.orgel.2016.08.015
192	Analysis of H2 and SiH4 in the Deposition of pm-Si:H Thin Films by PECVD Process for Solar Cell Applications	01/07/2016	J. Plaza-Castillo, A. García-Barrientos, M. Moreno-Moreno , M. J. Arellano-Jiménez, K. Y. Vizcaíno and J.L. Bernal	Microscopy and Microanalysis	https://www.researchgate.net/publication/311521170_Analysis_of_H_2_and_SiH_4_in_the_Deposition_of_pm-SiH_Thin_Films_by_PECVD_Process_for_Solar_Cell_Applications
193	Arduino-based chaotic secure communication system using multi-directional multi-scroll chaotic oscillators	10/11/2016	Ana Dalia Pano-Azucena , Jose de Jesus Rangel-Magdaleno , Esteban Tlelo-Cuautle , Antonio de Jesus Quintas-Valles	Nonlinear Dynamics	DOI: 10.1007/s11071-016-3184-4
194	VHDL descriptions for the fpga implementation of pwl-function-based multi-scroll chaotic oscillators	20/12/2016	E. Tlelo-Cuautle , A. J. Quintas-Valles, L.G. de la Fraga, J. Rangel-Magdaleno	PLoS ONE	https://dx.doi.org/10.1371/journal.pone.0168300
195	Narrative Review: Diabetic foot and infrared thermography	01/09/2016	D. Hernandez-Contreras, H. Peregrina-Barreto , J. Rangel-Magdaleno , J. Gonzalez-Bernal	Infrared Physics & Technology	http://dx.doi.org/10.1016/j.infrared.2016.07.013
196	A smart switch to connect and disconnect electrical devices at home by using internet	02/06/2016	J.E. Giral-Salas, R. Morales-Caporal, E. Bonilla-Huerta, J.J. Rodriguez-Rivas, J. Rangel-Magdaleno	IEEE Latin America Transactions	DOI: 10.1109/TLA.2016.7483485
197	A Switched-Capacitor Skew-Tent Map Implementation for Random Number Generation	19/12/2016	José Luis Valtierra-Sánchez de la Vega, Esteban Tlelo-Cuautle , Angel Rodríguez-Vázquez	International Journal of Circuit Theory and Applications	DOI: 10.1002/cta.2305
198	Optimising Operational Amplifiers by Evolutionary Algorithms and gm/ID Method	01/10/2016	E. Tlelo-Cuautle , A.C. Sanabria-Borbón	International Journal of Electronics	http://dx.doi.org/10.1080/00207217.2016.1138522
199	Discrete Chaotic Dynamics for Economics and Social Science	04/11/2016	ChristosK.Volos, SundarapandianVaidyanathan, Viet-Thanh Pham, and Esteban Tlelo-Cuautle	Discrete Dynamics in Nature and Society	http://dx.doi.org/10.1155/2016/3105084
200	Analysis of the Range of Acceleration for an Accelerometer with Extended Beams	01/08/2016	Ramon Cabello, Margarita Tecpoyotl, Jose Gerardo Vera, Alfonso Torres , Pedro Vargas, Svetlana Koshevaya	International Journal of Electrical and Computer Engineering	DOI: 10.11591/ijece.v6i4.9955
201	Alternative Determination of the Intrinsic Cut-Off Frequency Applied to a Degraded MOSFET	01/09/2016	H. Cuchillo-Sánchez, F. Zárate-Rincón, and R. Torres-Torres	IEEE Microwave and Wireless Components Letters	DOI: 10.1109/LMWC.2016.2597209
202	Process to Improve the Adherences of Copper to a PTFE Plate	01/08/2016	A. Pérez, A. Torres, and R. Torres	Indian Journal of Materials Science	http://dx.doi.org/10.1155/2016/7419584
203	Effectiveness of a hardware-based approach to detect resistive-open defects in SRAM cells under process variations	01/12/2016	A.F. Gomez, F. Lavratti, G. Medeiros, M. Sartori, L. Bolzani Poehls, V. Champac , F. Vargas	Microelectronics Reliability	http://dx.doi.org/10.1016/j.microrel.2016.10.012
204	Improvement of Negative Bias Temperature Instability Circuit Reliability and Power Consumption Using Dual Supply Voltage	01/12/2016	Forero, Freddy; Gomez, Andres; Champac, Victor	Journal of Low Power Electronics	DOI: https://doi.org/10.1166/jolpe.2016.1457
205	A steganographic method using Bernoulli's chaotic maps	01/08/2016	Martínez-González, R. F., Díaz-Méndez, J. A. , Palacios-Luengas, L., López-Hernández, J., & Vázquez-Medina, R	Computers & Electrical Engineering	http://dx.doi.org/10.1016/j.compeleceng.2015.12.005
206	Cataract Detection Techniques: A Review	01/07/2016	H. I. Morales Lopez, J. C. Sanchez Garcia and J. A. Diaz Mendez	IEEE Latin America Transactions	DOI: 10.1109/TLA.2016.7587604
207	Quartic double-well system modulation for under-damped stochastic resonance tuning	01/05/2016	Lucio Fidel Rebolledo-Herrera , Guillermo Espinosa F. V.	Digital Signal Processing	http://dx.doi.org/10.1016/j.dsp.2016.03.001

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209	High mobility thin film transistors based on zinc nitride deposited at room temperature	01/11/2016	Miguel A. Dominguez, Jose Luis Paub, Mayte Gómez-Castaño, Jose A. Luna-Lopez, Pedro Rosales	Thin Solid Films	http://dx.doi.org/10.1016/j.tsf.2016.10.053
210	VHDL Descriptions for the FPGA Implementation of PWL-Function-Based Multi-Scroll Chaotic Oscillators	20/12/2016	Esteban Tlelo-Cuautle , Antonio de Jesus Quintas-Valles, Luis Gerardo de la Fraga, Jose de Jesus Rangel-Magdaleno	PLoS ONE	http://dx.doi.org/10.1371/journal.pone.0168300
211	Practical application of a bidirectional microwave photonic filter: simultaneous transmission of analog TV signals	27/10/2016	Ana Gabriela Correa-Mena; Ignacio E. Zaldívar-Huerta ; Jose Humberto Abril García; Alejandro García-Juárez; Alicia Vera-Marquina	Optical Engineering	doi:10.1117/1.OE.55.10.106125
212	Latent fingerprint identification using deformable minutiae clustering	29/01/2016	Miguel Angel Medina-Pérez, Aythami Morales Moreno, Miguel Ángel Ferrer Ballester, Milton García-Borroto, Octavio Loyola-González, Leopoldo Altamirano-Robles	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.05.130
213	Improving Graph-Based Image Classification by using Emerging Patterns as Attributes	01/04/2016	Niusvel Acosta-Mendoza, Andrés Gago-Alonso, Jesús Ariel Carrasco-Ochoa , José F Martínez-Trinidad , José E Medina-Pagola	Engineering Applications of Artificial Intelligence	http://dx.doi.org/10.1016/j.engappai.2016.01.030
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215	Study of the Impact of Resampling Methods for Contrast Pattern based Classifiers in Imbalanced Databases	29/01/2016	Octavio Loyola-González, José Fco. Martínez-Trinidad , Jesús Ariel Carrasco-Ochoa , Milton García-Borroto	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.04.120
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217	Improving the BoVW via discriminative visual n-grams and MKL strategies	29/01/2016	A. Pastor López-Monroy, Manuel Montes-y-Gómez , Hugo Jair Escalante , Angel Cruz-Roa, Fabio A. González	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.10.053
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220	An efficient validation approach for quasi-synchronous checkpointing oriented to distributed diagnosability	06/05/2016	Houda Khelif, Hatem Hadj Kacem, Saúl E. Pomares Hernandez , Ahmed Hadj Kacem, Cédric Eichler, Alberto Calixto Simón	Journal of Systems and Software	http://dx.doi.org/10.1016/j.jss.2016.04.070
221	Implementing a fuzzy inference system in a multi-objective EEG channel selection model for imagined speech classification	19/04/2016	Alejandro A. Torres-García, Carlos A. Reyes-García , Luis Villaseñor-Pineda , Gregorio García-Aguilar	EXPERT SYSTEMS WITH APPLICATIONS	http://dx.doi.org/10.1016/j.eswa.2016.04.011
222	Generating a 50-scoll chaotic attractor at 66 MHz by using FPGAs	13/05/2016	E. Tlelo-Cuautle , A. D. Pano-Azucena, J. J. Rangel Magadaleno , V. H. Carbajal-Gomez, and Gustavo Rodríguez-Gomez	Nonlinear Dynamics	DOI: 10.1007/s11071-016-2820-3
223	Hierarchical multilabel classification based on path evaluation	01/01/2016	Mallinali Ramírez-Corona, L Enrique Sucar , Eduardo F Morales	International Journal of Approximate Reasoning	http://dx.doi.org/10.1016/j.ijar.2015.07.008
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225	A naive Bayes baseline for early gesture recognition	01/04/2016	Hugo Jair Escalante , Eduardo F. Morales , L. Enrique Sucar	Pattern Recognition Letters	http://dx.doi.org/10.1016/j.patrec.2016.01.013
226	An online and incremental GRLVQ algorithm for prototype generation based on granular computing	02/02/2016	Israel Cruz-Vega , Hugo Jair Escalante	Soft Computing	DOI 10.1007/s00500-016-2042-0
227	Time series forecasting with genetic programming	06/01/2016	Mario Graff, Hugo Jair Escalante , Fernando Ornelas-Tellez, Eric S. Tellez	Natural Computing	DOI: 10.1007/s11047-015-9536-z
228	Surrogate modeling based on an adaptive network and granular computing	01/04/2016	Israel Cruz-Vega , Hugo Jair Escalante , Carlos A. Reyes , Jesus A. Gonzalez , Alejandro Rosales-Pérez	Soft Computing	DOI: 10.1007/s00500-015-1605-9
229	A systematic study of knowledge graph analysis for cross-language plagiarism detection	15/01/2016	Marc Salvador-Franco, Paolo Rosso, Manuel Montes	Information Processing and Management	http://dx.doi.org/10.1016/j.ipm.2015.12.004
230	Estimation of temporal gait parameters using Bayesian models on acceleration signals	2016	Irvin Hussen López-Nava , Angélica Muñoz-Meléndez , Alberto Isaac Pérez-Sanpablo, Aldo Alessi Montero, Ivett Quiñones Urióstegui, Lidia Nuñez Carrera	Computer Methods in Biomechanics and Biomedical Engineering	doi: 10.1080/10255842.2015.1032945
231	Classification of bipolar disorder episodes based on analysis of voice and motor activity of patients	29/01/2016	Alban Maxhuni, Angélica Muñoz-Meléndez , Venet Osmania, Humberto Perez , Oscar Mayora, Eduardo F. Morales	Pervasive and Mobile Computing	http://dx.doi.org/10.1016/j.pmcj.2016.01.008
232	Robot training for hand motor recovery in subacute stroke patients: a randomised controlled trial	01/01/2016	Felipe Orihuela-Espina , Giovana Femat Roldán, Israel Sánchez-Villavicencio, Lorena Palafox, Ronald Leder, Luis Enrique Sucar , Jorge Hernández-Franco	Journal of Hand Therapy	DOI: 10.1016/j.jht.2015.11.006
233	Automatic approach to solve the morphological galaxy classification problem using the sparse representation technique and dictionary learning	08/04/2016	Diaz-Hernandez, R., Ortiz-Esquivel, A., Peregrina-Barreto, H. , Altamirano-Robles, L. , & Gonzalez-Bernal, J	Experimental Astronomy	DOI: 10.1007/s10686-016-9495-0
234	An FPGA stereo matching unit based on fuzzy logic	01/05/2016	M. Pérez-Patricio, Abiel Aguilar-González, M. Arias-Estrada , H.R. Hernández-De León, J.L. Camas-Anzueto, J.A. de Jesús Osuna-Coutiño	Microprocessors and Microsystems	http://dx.doi.org/10.1016/j.micpro.2015.10.011

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236	A new algorithm for computing reducts based on the binary discernibility matrix	01/03/2016	Manuel S. Lazo-Cortes, Jose Fco. Martinez-Trinidad , Jesus A. Carrasco-Ochoa , Guillermo Sanchez-Diaz	Intelligent Data Analysis	10.3233/IDA-160807
237	Fault Tolerance Approach Based on Checkpointing towards Dependable Business Processes	26/04/2016	Mariano Vargas Santiago; Saul Eduardo Pomares Hernandez ; Luis Alberto Morales Rosales; Hatem Hadj Kacem	IEEE Latin America Transactions	10.1109/TLA.2016.7459628
238	Evaluación de diversas variantes de Indexado Aleatorio aplicadas a la categorización de documentos en el contexto del Aprendizaje en Línea	01/01/2016	Adrian Fonseca Bruzón, Aurelio López-López , José E. Medina Pagola	Revista Cubana de Ciencias Informáticas	http://scielo.sld.cu/pdf/rcci/v10n1/rcci13116.pdf
239	Monitoreo del tránsito vehicular basado en Mobile Phone Sensing	2016	J. Vargas-Ubera, G. Rodríguez-Gómez y S. E. Pomares-Hernández	SISTEMAS, CIBERNÉTICA E INFORMÁTICA	http://www.iiisci.org/journal/CV5/risci/pdfs/CA605DW15.pdf
240	Stress modelling and prediction in presence of scarce data	31/08/2016	Alban Maxhuni, Pablo Hernandez-Leal, L. Enrique Sucar , Venet Osmani, Eduardo F. Morales , Oscar Mayora	Journal of Biomedical Informatics	http://dx.doi.org/10.1016/j.jbi.2016.08.023
241	Transfer learning by prototype generation in continuous spaces	15/09/2016	Enrique Munoz de Cote , Esteban O Garcia and Eduardo F Morales	Adaptive Behavior	doi: 10.1177/1059712316664570
242	Automatic discovery of relational concepts by an incremental graph-based representation	05/07/2016	Ana C. Tenorio-González, Eduardo F. Morales	Robotics and Autonomous Systems	http://dx.doi.org/10.1016/j.robot.2016.06.012
243	Local and global approaches for unsupervised image annotation	07/09/2016	Luis Pellegrin, Hugo Jair Escalante , Manuel Montes-y-Gómez , Fabio A. González	Multimedia Tools and Applications	doi:10.1007/s11042-016-3918-9
244	An iterative genetic programming approach to prototype generation	30/08/2016	José María Valencia-Ramírez, Mario Graff, Hugo Jair Escalante , Jaime Cerda-Jacobo	Genetic Programming and Evolvable Machines	10.1007/s10710-016-9279-3
245	EMOPG+FS: Evolutionary multi-objetive prototype generation and feature selection	13/07/2017	Alejandro Rosales-Pérez, Jesus A. Gonzalez , Carlos A. Coello Coello, Carlos A. Reyes-García and Hugo Jair Escalante	Intelligent Data Analysis	DOI 10.3233/IDA-160844
246	Persistent Prefrontal Engagement Despite Improvements in Laparoscopic Technical Skill	01/07/2016	Shetty, Kunal; Leff, Daniel Richard; Orihuela-Espina, Felipe ; Yang, Guang-Zhong; Darzi, Ara W.	JAMA Surgery	DOI: 10.1001/jamasurg.2016.0050
247	Comparison between passive vision-based system and a wearable inertial-based system for estimating temporal gait parameters related to the GAITRite electronic walkway	06/07/2016	Iván González, Irvin H. López-Nava, Jesús Fontecha, Angélica Muñoz-Meléndez , Alberto I. Pérez-SanPablo, Ivett Quiñones-Urióstegui	Journal of Biomedical Informatics	http://dx.doi.org/10.1016/j.jbi.2016.07.009
248	Wearable Inertial Sensors for Human Motion Analysis: A Review	15/11/2016	Irvin Hussein López-Nava and Angélica Muñoz-Meléndez	IEEE Sensors Journal	DOI: 10.1109/JSEN.2016.2609392
249	Local and global approaches for unsupervised image annotation	07/09/2016	Luis Pellegrin, Hugo Jair Escalante , Manuel Montes-y-Gómez , Fabio A. González	Multimedia Tools and Applications	doi:10.1007/s11042-016-3918-9
250	A new hybrid filter–wrapper feature selection method for clustering based on ranking	19/11/2016	Saúl Solorio-Fernández, J. Ariel Carrasco-Ochoa , José Fco. Martínez-Trinidad	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2016.07.026 ,
251	Effect of Class Imbalance on Quality Measures for Contrast Patterns: An Experimental Study	01/12/2016	Octavio Loyola-González, José Fco. Martínez-Trinidad , Jesús Ariel Carrasco-Ochoa , Milton García-Borroto	Information Sciences	http://dx.doi.org/10.1016/j.ins.2016.09.040
252	A new algorithm for approximate pattern mining in multi-graph collections	01/10/2016	Nlusvel Acosta-Mendoza, Andrés Gago-Alonso, Jesús Ariel Carrasco-Ochoa , José F Martínez-Trinidad , José E Medina-Pagola	Knowledge-Based Systems	http://dx.doi.org/10.1016/j.knsys.2016.07.003
253	Wavelet filter setting by using k-nn for lossless image compression	2016	Ignacio Hernandez Bautista, Oleksiy Pogrebnyak, Jesus Ariel Carrasco Ochoa , Jose Juan Carvajal Hernandez, Jose Francisco Martinez Trinidad	DYNA New Technologies	DOI: http://dx.doi.org/10.6036/NT7938
254	Ajuste de filtros wavelets usando inteligencia artificial para compresión de imágenes	2016	Ignacio Hernández Bautista, Jesús Ariel Carrasco-Ochoa , José Francisco Martínez-Trinidad , Oscar Camacho-Nieto, Oleksiy Pogrebnyak	Polibits	http://dx.doi.org/10.17562/PB-53-2
255	Automatic Model Selection in Ensembles for Time Series Forecasting	01/08/2016	R. Fonseca, P. Gómez Gil	IEEE Latin America Transactions	http://www.ewh.ieee.org/reg/9/etrans/esp/publicaciones.php?vol=vol14
256	Sonification and Textification: Emerging Methods for Classifying Unspoken Words from EEG Signals	11/11/2016	Erick F. González-Castañeda, Alejandro A. Torres-García, Carlos A. Reyes-García , Luis Villaseñor-Pineda	Biomedical Signal Processing and Control	http://dx.doi.org/10.1016/j.bspc.2016.10.012 ,
257	Efficiently detecting switches against non-stationary opponents	26/11/2016	Pablo Hernandez-Leal, Yusen Zhan, Matthew E. Taylor, L. Enrique Sucar , Enrique Munoz de Cote	Autonomous Agents and Multi-Agent Systems	doi:10.1007/s10458-016-9352-6
258	An exploration strategy for non-stationary opponents	13/10/2016	Pablo Hernandez-Leal, Yusen Zhan, Matthew E. Taylor, L. Enrique Sucar , Enrique Munoz de Cote	Autonomous Agents and Multi-Agent Systems	doi:10.1007/s10458-016-9352-6
259	An Efficient Causal Group Communication Protocol for Free Scale Peer-to-Peer Networks	30/08/2016	Grigory Evropeytshev, Eduardo López Domínguez, Saúl E. Pomares Hernández and José Roberto Perez Cruz	Applied Sciences	doi:10.3390/app6090234
260	MobileLearn: Context-Aware Mobile Learning System	21/04/2016	G. G. Castro, E. L. Domínguez, Y. H. Velázquez, M. Y. R. Matla, C.B.E. Toledo and S. E. P. Hernández	IEEE Latin America Transactions	DOI: 10.1109/TLA.2016.7437246
261	Towards a Video Passive Content Fingerprinting Method for Partial-Copy Detection Robust against Non-Simulated Attacks	18/11/2016	Zobeida Jezabel Guzmán-Zavaleta, Claudia Feregrino-Uribe	PLoS ONE	http://dx.doi.org/10.1371/journal.pone.0166047
262	Self-recovery scheme for audio restoration after a content replacement attack	11/08/2016	Alejandra Menéndez Ortiz, Claudia Feregrino Uribe , José Juan García-Hernández	Multimedia Tools and Applications	DOI 10.1007/s11042-016-3783-6
263	A Robust and Low Cost Video Fingerprinting Extraction Method for Copy Detection	29/11/2016	Jezabel Guzman Zavaleta, Claudia Feregrino Uribe , Miguel Morales-Sandoval, Alejandra Menendez-Ortiz	Multimedia Tools and Applications	DOI: 10.1007/s11042-016-4168-6

NOTA: Los marcados en rojo son estudiantes que colaboran con Investigadores.

5.8.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
264	SPaC-NF: A Classifier based on Sequential Patterns with High Netconf	18/09/2016	Febrer-Hernández, José Kadira; Hernández-León, Raudel; Feregrino-Urbe, Claudia ; Hernández-Palancar, José	Intelligent Data Analysis	DOI: 10.3233/IDA-160858