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N°	Título	Año	Autores	Revista	DOI
1	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing	2018	Zavala, Jorge A.; Montaña, Alfredo; Hughes, David H.; Yun, Min S.; Ivison, R. J.; Valiante, Elisabetta; Wilner, David; Spilker, Justin; Aretxaga, Itziar; Eales, Stephen; Avila-Reese, Vladimir; Chávez, Miguel; Cooray, Asantha; Dannerbauer, Helmut; Dunlop, James S.; Dunne, Loretta; Gómez-Ruiz, Arturo I.; Michałowski, Michał J.; Narayanan, Gopal; Nayyeri, Hooshang; Oteo, Ivan; Rosa González, Daniel; Sánchez-Argüelles, David; Schloerb, F. Peter; Serjeant, Stephen; Smith, Matthew W. L.; Terlevich, Elena; Vega, Olga; Villalba, Alan (est.); van der Werf, Paul; Wilson, Grant W.; Zeballos, Milagros	Nature Astronomy	10.1038/s41550-017-0297-8
2	A search for dark matter in the Galactic halo with HAWC	2018	Abeysekara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T. (est.); Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; De León, C.; De la Fuente, E.; Diaz Hernandez, R.; Dingus, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Engel, K.; Enríquez-Rivera, O.; Fiorino, D. W.; Fleischhack, H.; Fraija, N.; García-González, J. A.; Garfías, F.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hueyoti-Zahuantilla, F.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Luis-Raya, G.; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martinez, O.; Martinez-Castellanos, I.; Martínez-Castro, J.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rodd, N. L.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Safdi, B. R.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Sinis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wisher, I. G.; Wood, J.; Yapici, T.; Yodh, G. B.; Younk, P. W.; Zepeda, A.; Zhou, H.; Álvarez, J. D.	Journal of Cosmology and Astroparticle Physics	10.1088/1475-7516/2018/02/049
3	ALMA 26 arcmin ² Survey of GOODS-S at One-millimeter (ASAGAO): X-Ray AGN Properties of Millimeter-selected Galaxies	2018	Ueda, Y.; Hatsukade, B.; Kohno, K.; Yamaguchi, Y.; Tamura, Y.; Umehata, H.; Akiyama, M.; Ao, Y.; Aretxaga, I.; Caputi, K.; Dunlop, J. S.; Espada, D.; Fujimoto, S.; Hayatsu, N. H.; Imanishi, M.; Inoue, A. K.; Ivison, R. J.; Kodama, T.; Lee, M. M.; Matsuoka, K.; Miyaji, T.; Morokuma-Matsui, K.; Nagao, T.; Nakanishi, K.; Nyland, K.; Ohta, K.; Ouchi, M.; Rujopakarn, W.; Saito, T.; Tadaki, K.; Tanaka, I.; Taniguchi, Y.; Wang, T.; Wang, W.-H.; Yoshimura, Y.; Yun, M. S.	Astrophysical Journal	10.3847/1538-4357/aa9f10
4	An independent determination of the local Hubble constant	2018	Fernández Arenas, David (est.); Terlevich, Elena; Terlevich, Roberto; Melnick, Jorge; Chávez, Ricardo; Bresolin, Fabio; Telles, Eduardo; Plionis, Manolis; Basilakos, Spyros	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stx2710
5	Atmospheric variability at the summit of Sierra Negra, Mexico, from 2012 July to 2015 October	2018	Barrantes, M.; Valdés-Galicia, J. F.; González, L. X.; Carrasco, E.; Carramiñana, A.; Reyes, J.; Musalém, O.; Hurtado, A.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stx2439
6	C/O ratios in planetary nebulae with dual-dust chemistry from faint optical recombination lines	2018	García-Rojas, J.; Delgado-Inglada, G.; García-Hernández, D. A.; Dell'Agli, F.; Lugaro, M.; Karakas, A. I.; Rodríguez, M.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stx2519
7	Characterization and Performance of the Cananea Near-infrared Camera (CANICA)	2018	Devaraj, R. (est.); Mayya, Y. D.; Carrasco, L.; Luna, A.	Publications of the Astronomical Society of the Pacific	10.1088/1538-3873/aaa9ab

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8	Constraining the (p/\bar{p}) ratio in TeV cosmic rays with observations of the Moon shadow by HAWC	2018	Abeysekara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Belmont-Moreno, E.; BenZvi, S. Y.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T. (est); Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S. (est.); De León, C.; De la Fuente, E.; Diaz Hernandez, R.; Dichiara, S.; Dings, B. L.; DuVernois, M. A.; Ellsworth, R. W.; Engel, K.; Enriquez-Rivera, O.; Fleischhack, H.; Fraija, N.; Galván-Gámez, A.; García-González, J. A.; González Muñoz, A.; González, M. M.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hona, B.; Hueyotl-Zahuantitla, F.; Hui, C. M.; Hütemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Lara, A.; Lee, W. H.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Luis-Raya, G.; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martinez, O.; Martinez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Seglar Arroyo, M.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Torres, I.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wood, J.; Yapici, T.; Yodh, G. B.; Zepeda, A.; Zhou, H.; HAWC Collaboration	Physical Review D,	10.1103/PhysRevD.97.102005
9	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory	2018	Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Bautista-Elivar, N.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T. (est.); Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S. (est.); De León, C.; De la Fuente, E.; Diaz Hernandez, R.; Dings, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Engel, K.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Garfias, F.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hona, B.; Hütemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lauer, R. J.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Longo Proper, M.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martinez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Vianello, G.; Weisgarber, T.; Westerhoff, S.; Wood, J.; Yapici, T.; Younk, P. W.; Zhou, H.	Astrophysical Journal	10.3847/1538-4357/aaa6d8
10	Data acquisition architecture and online processing system for the HAWC gamma-ray observatory	2018	Abeysekara, 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.; Bautista-Elivar, N.; Becerra Gonzalez, J.; Belmont-Moreno, E.; BenZvi, S. Y.; Berley, D.; Bonilla Rosales, M. (est); Braun, J.; Caballero-Lopez, R. A.; Caballero-Mora, K. S.; Carramiñana, A.; Castillo, M. Cotti, U.; Cotzomi, J.; de la Fuente, E.; De León, C.; DeYoung, T.; Diaz-Cruz, J.; Diaz Hernandez, R.; Díaz-Vélez, J. C.; Dings, B. L.; DuVernois, M. A.; Ellsworth, R. W.; Fiorino, D. W.; Fraija, N.; Galindo, A.; Garfias, F.; González, M. M.; Goodman, J. A.; Grabski, V.; Gussert, M.; Hampel-Arias, Z.; Harding, J. P.; Hui, C. M.; Hütemeyer, P.; Imran, A.; Iriarte, A.; Karn, P.; Kieda, D.; Kunde, G. J.; Lara, A.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linares, E. C.; Linnemann, J. T.; Longo Proper, M.; Luna-García, R.; Malone, K.; Marinelli, A.; Marinelli, S. S.; Martinez, O.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A. J.; McEnery, J.; Mendoza Torres, E.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Noriega-Papaqui, R.; Ocegüera-Becerra, T.; Patricelli, B.; Pelayo, R.; Pérez-Pérez, E. G.; Pretz, J.; Rivière, C.; Rosa-González, D.; Ruiz-Velasco, E.; Ryan, J.; Salazar, H.; Salesa Greus, F.; Sanchez, F. E.; Sandoval, A.; Schneider, M.; Silich, S.; Sinnis, G.; Smith, A. J.; Sparks Woodle, K.; Springer, R. W.; Taboada, I.; Toale, P. A.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wisher, I. G.; Wood, J.; Yapici, T.; Yodh, G. B.; Younk, P. W.; Zaborov, D.; Zepeda, A.; Zhou, H.	Nuclear Instruments and Methods in Physics Research Section A	https://doi.org/10.1016/j.nima.2018.01.051
11	Fermi Transient J1544-0649: A Flaring Radio-weak BL Lac	2018	Bruni, Gabriele; Panessa, Francesca; Ghisellini, Gabriele; Chavushyan, Vahram; Peña-Herazo, Harold A. (est.); Hernández-García, Lorena; Bazzano, Angela; Ubertaini, Pietro; Kraus, Alex	Astrophysical Journal Letters	10.3847/2041-8213/aaacfb

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12	Gas expulsion versus gas retention in young stellar clusters-II. Effects of cooling and mass segregation	2018	Silich, Sergiy; Tenorio-Tagle, Guillermo	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty1383
13	Inner and outer star forming regions over the disks of spiral galaxies I. Sample characterization	2018	Rodríguez-Baras, M.; Díaz, A. I.; Rosales-Ortega, F. F.; Sánchez, S. F.	Astronomy & Astrophysics	10.1051/0004-6361/201731592
14	MEGARA Optics: Sub-aperture Stitching Interferometry for Large Surfaces	2018	Aguirre-Aguirre, Daniel; Carrasco, Esperanza; Izazaga-Pérez, Rafael; Páez, Gonzalo; Granados-Agustín, Fermín; Percino-Zacarias, Elizabeth; Gil de Paz, Armando; Gallego, Jesús; Iglesias-Páramo, Jorge; Villalobos-Mendoza, Brenda	Publications of the Astronomical Society of the Pacific	10.1088/1538-3873/aaa6b1
15	Multiple-component Decomposition from Millimeter Single-channel Data	2018	Rodríguez-Montoya, Iván; Sánchez-Argüelles, David; Aretxaga, Itziar; Bertone, Emanuele; Chávez-Dagostino, Miguel; Hughes, David H.; Montaña, Alfredo;	Astrophysical Journal Supplement Series	10.3847/1538-4365/aaa83c
16	Multiwavelength photometric and spectropolarimetric analysis of the FSRQ 3C 279	2018	Patño-Álvarez, V. M.; Fernandes, S.; Chavushyan, V.; López-Rodríguez, E.; León-Tavares, J.; Schlegel, E. M.; Carrasco, L.; Valdés, J.; Carramiñana, A.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty1497
17	NGC 5626: a massive fast rotator with a twist	2018	Viaene, S.; Sarzi, M.; Baes, M.; Puerari, I.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/slx192
18	Observations of the missing baryons in the warm hot intergalactic medium	2018	Nicastro, F.; Kaastra, J.; Krongold, Y.; Borgani, S.; Branchini, E.; Cen, R.; Dadina, M.; Danforth, C. W.; Elvis, M.; Fiore, F.; Gupta, A.; Mathur, S.; Mayya, D.; Paerels, F.; Piro, L.; Rosa-Gonzalez, D.; Schaye, J.; Shull, J. M.; Torres-Zafra, J.; Wijers, N. ; ...	Nature	10.1038/s41586-018-0204-1
19	PISCO: The PMAS/PPak Integral-field Supernova Hosts Compilation	2018	Galbany, L.; Anderson, J. P.; Sánchez, S. F.; Kuncarayakti, H.; Pedraz, S.; González-Gaitán, S.; Stanishev, V.; Domínguez, I.; Moreno-Raya, M. E.; Wood-Vasey, W. M.; Mourão, A. M.; Ponder, K. A.; Badenes, C.; Mollá, M.; López-Sánchez, A. R.; Rosales-Ortega, F. F.; Vilchez, J. M.; García-Benito, R.; Marino, R. A.	Astrophysical Journal	10.3847/1538-4357/aaaf20
20	POLICAN: A Near-infrared Imaging Polarimeter at the 2.1m OAGH Telescope	2018	Devaraj, R. (est.); Luna, A.; Carrasco, L.; Vázquez-Rodríguez, M. A.; Mayya, Y. D.; Tánori, J. G.; Serrano Bernal, E. O. (est.)	Publications of the Astronomical Society of the Pacific	10.1088/1538-3873/aaab3f

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21	Primordial helium abundance determination using sulphur as metallicity tracer	2018	Fernández, Vital (est.); Terlevich, Elena; Díaz, Angeles I.; Terlevich, Roberto; Rosales-Ortega, F. F.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty1206
22	Search for dark matter gamma-ray emission from the Andromeda Galaxy with the High-Altitude Water Cherenkov Observatory	2018	Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T. (est.); Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S. (est.); De León, C.; Dichiaro, S.; Dingus, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Eckner, C.; Engel, K.; Enríquez-Rivera, O.; Espinoza, C.; Fiorino, D. W.; Fraija, N.; De la Fuente, E.; Galván-Gómez, A.; García-González, J. A.; Garfías, F.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hona, B.; Hüntemeyer, P.; Iriarte, A.; Jardín-Blicq, A.; Joshi, V.; Kaufmann, S.; Kunde, G. J.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; Malone, K.; Marinelli, S. S.; Martínez, O.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nayerhoda, A.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Seglar Arroyo, M.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wood, J.; Yapici, T.; Zaharijas, G.; Zepeda, A.; Zhou, H.	Journal of Cosmology and Astroparticle Physics	10.1088/1475-7516/2018/06/043
23	Spatially Resolved Dust, Gas, and Star Formation in the Dwarf Magellanic Irregular NGC 4449	2018	Calzetti, D.; Wilson, G. W.; Draine, B. T.; Roussel, H.; Johnson, K. E.; Heyer, M. H.; Wall, W. F.; Grasha, K.; Battisti, A.; Andrews, J. E.; Kirkpatrick, A.; Rosa González, D.; Vega, O.; Puschign, J.; Yun, M.; Östlin, G.; Evans, A. S.; Tang, Y.; Lowenthal, J.; Sánchez-Arguelles, D.	Astrophysical Journal	10.3847/1538-4357/aaa1e2
24	The CARMENES search for exoplanets around M dwarfs. First visual-channel radial-velocity measurements and orbital parameter updates of seven M-dwarf planetary systems	2018	Trifonov, T.; Kürster, M.; Zechmeister, M.; Tal-Or, L.; Caballero, J. A.; Quirrenbach, A.; Amado, P. J.; Ribas, I.; Reiners, A.; Reffert, S.; Dreizler, S.; Hatzes, A. P.; Kaminski, A.; Launhardt, R.; Henning, Th.; Montes, D.; Béjar, V. J. S.; Mundt, R.; Pavlov, A.; Schmitt, J. H. M. M.; Seifert, W.; Morales, J. C.; Nowak, G.; Jeffers, S. V.; Rodríguez-López, C.; del Burgo, C.; Anglada-Escudé, G.; López-Santiago, J.; Mathar, R. J.; Ammler-von Eiff, M.; Guenther, E. W.; Barrado, D.; González Hernández, J. I.; Mancini, L.; Stürmer, J.; Abril, M.; Aceituno, J.; Alonso-Floriano, F. J.; Antona, R.; Anwand-Heerwart, H.; Arroyo-Torres, B.; Azzaro, M.; Baroch, D.; Bauer, F. F.; Becerril, S.; Benítez, D.; Berdiñas, Z. M.; Bergond, G.; Blümcke, M.; Brinkmüller, M.; Cano, J.; Cárdenas Vázquez, M. C.; Casal, E.; Cifuentes, C.; Claret, A.; Colomé, J.; Cortés-Contreras, M.; Czesla, S.; Díez-Alonso, E.; Feiz, C.; Fernández, M.; Ferro, I. M.; Fuhrmeister, B.; Galadí-Enríquez, D.; García-Piquer, A.; García Vargas, M. L.; Gesa, L.; Gómez Galera, V.; González-Peinado, R.; Grözinger, U.; Grohner, S.; Guàrdia, J.; Gujjarro, A.; de Guindos, E.; Gutiérrez-Soto, J.; Hagen, H.-J.; Hauschildt, P. H.; Hedrosa, R. P.; Helmling, J.; Hermelo, I.; Hernández Arábí, R.; Hernández Castaño, L.; Hernández Hernando, F.; Herrero, E.; Huber, A.; Huke, P.; Johnson, E.; de Juan, E.; Kim, M.; Klein, R.; Klüter, J.; Klutsch, A.; Lafarga, M.; Lampón, M.; Lara, L. M.; Laun, W.; Lemke, U.; Lenzen, R.; López del Fresno, M.; López-González, M. J.; López-Puertas, M.; López Salas, J. F.; Luque, R.; Magán Madinabeitia, H.; Mall, U.; Mandel, H.; Marfil, E.; Marín Molina, J. A.; Maroto Fernández, D.; Martín, E. L.; Martín-Ruiz, S.; Marvin, C. J.; Mirabet, E.; Moya, A.; Moreno-Raya, M. E.; Nagel, E.; Naranjo, V.; Nortmann, L.; Ofir, A.; Oreiro, R.; Pallé, E.; Panduro, J.; Pascual, J.; Passegger, V. M.; Pedraz, S.; Pérez-Calpena, A.; Pérez Medialdea, D.; Perger, M.; Perryman, M. A. C.; Pluto, M.; Rabaza, O.; Ramón, A.; Rebolo, R.; Redondo, P.; Reinhardt, S.; Rhode, P.; Rix, H.-W.; Rodler, F.; Rodríguez, E.; Rodríguez Trinidad, A.; Rohloff, R.-R.; Rosich, A.; Sadegi, S.; Sánchez-Blanco, E.; Sánchez Carrasco, M. A.; Sánchez-López, A.; Sanz-Forcada, J.; Sarkis, P.; Sarmiento, L. F.; Schäfer, S.; Schiller, J.; Schöfer, P.; Schweitzer, A.; Solano, E.; Stahl, O.; Strachan, J. B. P.; Suárez, J. C.; Taberner, H. M.; Tala, M.; Tulloch, S. M.; Veredas, G.; Vico Linares, J. I.; Vilardell, F.; Wagner, K.; Winkler, J.; Wolthoff, V.; Xu, W.; Yan, F.; Zapatero Osorio, M. R.	Astronomy & Astrophysics	10.1051/0004-6361/201731442

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25	The CARMENES search for exoplanets around M dwarfs. HD147379 b: A nearby Neptune in the temperate zone of an early-M dwarf	2018	Reiners, A.; Ribas, I.; Zechmeister, M.; Caballero, J. A.; Trifonov, T.; Dreizler, S.; Morales, J. C.; Tal-Or, L.; Lafarga, M.; Quirrenbach, A.; Amado, P. J.; Kaminski, A.; Jeffers, S. V.; Aceituno, J.; Béjar, V. J. S.; Guàrdia, J.; Guenther, E. W.; Hagen, H.-J.; Montes, D.; Passegger, V. M.; Seifert, W.; Schweitzer, A.; Cortés-Contreras, M.; Abril, M.; Alonso-Floriano, F. J.; Eiff, M. Ammler-von; Antona, R.; Anglada-Escudé, G.; Anwand-Heerwart, H.; Arroyo-Torres, B.; Azzaro, M.; Baroch, D.; Barrado, D.; Bauer, F. F.; Becerril, S.; Benítez, D.; Berdiñas, Z. M.; Bergond, G.; Blümcke, M.; Brinkmüller, M.; del Burgo, C.; Cano, J.; Cárdenas Vázquez, M. C.; Casal, E.; Cifuentes, C.; Claret, A.; Colomé, J.; Czesla, S.; Díez-Alonso, E.; Feiz, C.; Fernández, M.; Ferro, I. M.; Fuhrmeister, B.; Galadí-Enríquez, D.; García-Piquer, A.; García Vargas, M. L.; Gesa, L.; Gómez Galera, V.; González Hernández, J. I.; González-Peinado, R.; Grözing, U.; Grohert, S.; Guijarro, A.; de Guindos, E.; Gutiérrez-Soto, J.; Hatzes, A. P.; Hauschildt, P. H.; Hedrosa, R. P.; Helming, J.; Henning, Th.; Hermelo, I.; Hernández Arabi, R.; Hernández Castaño, L.; Hernández Hernando, F.; Herrero, E.; Huber, A.; Huke, P.; Johnson, E. N.; de Juan, E.; Kim, M.; Klein, R.; Klüter, J.; Klutsch, A.; Kürster, M.; Labarga, F.; Lamert, A.; Lampón, M.; Lara, L. M.; Laun, W.; Lemke, U.; Lenz, R.; Launhardt, R.; López del Fresno, M.; López-González, M. J.; López-Puertas, M.; López Salas, J. F.; López-Santiago, J.; Luque, R.; Magán Madinabeitia, H.; Mall, U.; Mancini, L.; Mandel, H.; Marfil, E.; Marín Molina, J. A.; Maroto Fernández, D.; Martín, E. L.; Martín-Ruiz, S.; Marvin, C. J.; Mathar, R. J.; Mirabet, E.; Moreno-Raya, M. E.; Moya, A.; Mundt, R.; Nagel, E.; Naranjo, V.; Nortmann, L.; Nowak, G.; Ofir, A.; Oreiro, R.; Pallé, E.; Panduro, J.; Pascual, J.; Pavlov, A.; Pedraz, S.; Pérez-Calpena, A.; Pérez Medialdea, D.; Perger, M.; Perryman, M. A. C.; Pluto, M.; Rabaza, O.; Ramón, A.; Rebolo, R.; Redondo, P.; Reffert, S.; Reinhart, S.; Rhode, P.; Rix, H.-W.; Rodler, F.; Rodríguez, E.; Rodríguez-López, C.; Rodríguez Trinidad, A.; Rohloff, R.-R.; Rosich, A.; Sadeg, S.; Sánchez-Blanco, E.; Sánchez Carrasco, M. A.; Sánchez-López, A.; Sanz-Forcada, J.; Sarkis, P.; Sarmiento, L. F.; Schäfer, S.; Schmitt, J. H. M. M.; Schiller, J.; Schöfer, P.; Solano, E.; Stahl, O.; Strachan, J. B. P.; Stürmer, J.; Suárez, J. C.; Taberner, H. M.; Tala, M.; Tulloch, S. M.; Ulbrich, R.-G.; Veredas, G.; Vico Linares, J. I.; Vilardell, F.; Wagner, K.; Winkler, J.; Wolthoff, V.; Xu, W.; Yan, F.; Zapatero Osorio, M. R.	Astronomy & Astrophysics	10.1051/0004-6361/201732165
26	The CARMENES search for exoplanets around M dwarfs. High-resolution optical and near-infrared spectroscopy of 324 survey stars	2018	Reiners, A.; Zechmeister, M.; Caballero, J. A.; Ribas, I.; Morales, J. C.; Jeffers, S. V.; Schöfer, P.; Tal-Or, L.; Quirrenbach, A.; Amado, P. J.; Kaminski, A.; Seifert, W.; Abril, M.; Aceituno, J.; Alonso-Floriano, F. J.; Ammler-von Eiff, M.; Antona, R.; Anglada-Escudé, G.; Anwand-Heerwart, H.; Arroyo-Torres, B.; Azzaro, M.; Baroch, D.; Barrado, D.; Bauer, F. F.; Becerril, S.; Béjar, V. J. S.; Benítez, D.; Berdiñas, Z. M.; Bergond, G.; Blümcke, M.; Brinkmüller, M.; del Burgo, C.; Cano, J.; Cárdenas Vázquez, M. C.; Casal, E.; Cifuentes, C.; Claret, A.; Colomé, J.; Cortés-Contreras, M.; Czesla, S.; Díez-Alonso, E.; Dreizler, S.; Feiz, C.; Fernández, M.; Ferro, I. M.; Fuhrmeister, B.; Galadí-Enríquez, D.; García-Piquer, A.; García Vargas, M. L.; Gesa, L.; Gómez Galera, V.; González Hernández, J. I.; González-Peinado, R.; Grözing, U.; Grohert, S.; Guàrdia, J.; Guenther, E. W.; Guijarro, A.; de Guindos, E.; Gutiérrez-Soto, J.; Hagen, H.-J.; Hatzes, A. P.; Hauschildt, P. H.; Hedrosa, R. P.; Helming, J.; Henning, Th.; Hermelo, I.; Hernández Arabi, R.; Hernández Castaño, L.; Hernández Hernando, F.; Herrero, E.; Huber, A.; Huke, P.; Johnson, E. N.; de Juan, E.; Kim, M.; Klein, R.; Klüter, J.; Klutsch, A.; Kürster, M.; Lafarga, M.; Lamert, A.; Lampón, M.; Lara, L. M.; Laun, W.; Lemke, U.; Lenz, R.; Launhardt, R.; López del Fresno, M.; López-González, J.; López-Puertas, M.; López Salas, J. F.; López-Santiago, J.; Luque, R.; Magán Madinabeitia, H.; Mall, U.; Mancini, L.; Mandel, H.; Marfil, E.; Marín Molina, J. A.; Maroto Fernández, D.; Martín, E. L.; Martín-Ruiz, S.; Marvin, C. J.; Mathar, R. J.; Mirabet, E.; Montes, D.; Moreno-Raya, M. E.; Moya, A.; Mundt, R.; Nagel, E.; Naranjo, V.; Nortmann, L.; Nowak, G.; Ofir, A.; Oreiro, R.; Pallé, E.; Panduro, J.; Passegger, V. M.; Pavlov, A.; Pedraz, S.; Pérez-Calpena, A.; Pérez Medialdea, D.; Perger, M.; Perryman, M. A. C.; Pluto, M.; Rabaza, O.; Ramón, A.; Rebolo, R.; Redondo, P.; Reffert, S.; Reinhart, S.; Rhode, P.; Rix, H.-W.; Rodler, F.; Rodríguez, E.; Rodríguez-López, C.; Rodríguez Trinidad, A.; Rohloff, R.-R.; Rosich, A.; Sadeg, S.; Sánchez-Blanco, E.; Sánchez Carrasco, M. A.; Sánchez-López, A.; Sanz-Forcada, J.; Sarkis, P.; Sarmiento, L. F.; Schäfer, S.; Schmitt, J. H. M. M.; Schiller, J.; Schweitzer, A.; Solano, E.; Stahl, O.; Strachan, J. B. P.; Stürmer, J.; Suárez, J. C.; Taberner, H. M.; Tala, M.; Trifonov, T.; Tulloch, S. M.; Ulbrich, R. G.; Veredas, G.; Vico Linares, J. I.; Vilardell, F.; Wagner, K.; Winkler, J.; Wolthoff, V.; Xu, W.; Yan, F.; Zapatero Osorio, M. R.	Astronomy & Astrophysics.	10.1051/0004-6361/201732054
27	The dependence of oxygen and nitrogen abundances on stellar mass from the CALIFA survey (vol 595, A62, 2016)	2018	Perez-Montero, E; Garcia-Benito, R; Vilchez, JM; Sanchez, SF; Kehrig, C; Husemann, B; Puertas, SD; Iglesias-Paramo, J; Galbany, L; Molla, M; Walcher, CJ; Ascasibar, Y; Delgado, RMG; Marino, RA; Masegosa, J; Perez, E; Rosales-Ortega, Fernando; Sanchez-Blazquez, P; Bland-Hawthorn, J; Bomans, D; Lopez-Sanchez, AR; Ziegler, B.	Astronomy & Astrophysics	10.1051/0004-6361/201628601

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28	The GALEX View of "Boyajian's Star" (KIC 8462852)	2018	Davenport, James. R. A.; Covey, Kevin R.; Clarke, Riley W.; Laycock, Zachery; Fleming, Scott W.; Boyajian, Tabetha S.; Montet, Benjamin T.; Shiao, Bernie; Million, Chase C.; Wilson, David J.; Olmedo, Manuel (est.); Mamajek, Eric E.; Olmedo, Daniel (est.); Chávez, Miguel; Bertone, Emanuele	Astrophysical Journal	10.3847/1538-4357/aaa413
29	The interaction of the halo around the butterfly planetary nebula NGC 650-1 with the interstellar medium	2018	Ramos-Larios, G.; Guerrero, M. A.; Nigoche-Netro, A.; Olgún, L.; Gómez-Muñoz, M. A.; Sabin, L.; Vázquez, R.; Akras, S.; Ramírez Vélez, J. C.; Chávez, M.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stx3256
30	The SCUBA-2 Cosmology Legacy Survey: The EGS deep field - II. Morphological transformation and multiwavelength properties of faint submillimetre galaxies	2018	Zavala, J. A.; Aretxaga, I.; Dunlop, J. S.; Michałowski, M. J.; Hughes, D. H.; Bourne, N.; Chapin, E.; Cowley, W.; Farrah, D.; Lacey, C.; Targett, T.; van der Werf, P.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty217
31	The SELGIFS data challenge: generating synthetic observations of CALIFA galaxies from hydrodynamical simulations	2018	Guidi, G.; Casado, J.; Ascasibar, Y.; García-Benito, R.; Galbany, L.; Sánchez-Blázquez, P.; Sánchez, S. F.; Rosales-Ortega, F. F.; Scannapieco, C.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty1480
32	The Smaller Alignment Index (SALI) applied in a study of stellar orbits in barred galaxies potential models using the LP-Vicode	2018	Caritá, Lucas Antonio; Rodrigues, Irapuan; Puerari, Ivânio; Schiavo, Luiz Eduardo Camargo Aranha	New Astronomy	10.1016/j.newast.2017.10.005
33	The unexpectedly large dust and gas content of quiescent galaxies at $z > 1.4$	2018	Gobat, R.; Daddi, E.; Magdis, G.; Bournaud, F.; Sargent, M.; Martig, M.; Jin, S.; Finoguenov, A.; Béthermin, M.; Hwang, H. S.; Renzini, A.; Wilson, G. W.; Aretxaga, I.; Yun, M.; Strazzullo, V.; Valentino, F.	Nature Astronomy	10.1038/s41550-017-0352-5
34	Unveiling the Hot Molecular Core in the Ultracompact H II Region with Extended Emission G12.21-0.10	2018	de la Fuente, E.; Trinidad, M. A.; Porras, A.; Rodríguez-Rico, C.; Araya, E. D.; Kurtz, S.; Hofner, P.; Nigoche-Netro, A.	Revista Mexicana de Astronomía y Astrofísica	2018RMxAA..54..129D
35	Variable broad lines and outflow in the weak blazar PBC J2333.9-2343	2018	Hernández-García, L.; Vietri, G.; Panessa, F.; Piconcelli, E.; Chavushyan, V.; Jiménez-Andrade, E. F.; Bassani, L.; Bazzano, A.; Cazzoli, S.; Malizia, A.; Masetti, N.; Monaco, L.; Pović, M.; Saviane, I.; Ubertini, P.	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/sty1345
36	3D graphical representation of elementary real variable functions with extended domain	2018	Gonzalo Urcid, Gustavo U. Bautista	European International Journal of Science and Technology	No tiene DOI

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37	3D thickness map reconstruction of dielectric thin films using scattering of surface plasmon polaritons	2018	Cesar E. García-Ortiz, Rodolfo Cortes, Robin Orejel, Raul Hernandez-Aranda, Israel Martínez-López, Félix Aguilar, Víctor Coello	Optics Letters	10.1364/OL.43.000691
38	Abrupt-tapered fiber filter arrangement for a switchable multi-wavelength and tunable Tm-doped fiber laser	2018	B. Ibarra-Escamilla, M. V. Hernández-Arriaga, M. Duran-Sanchez, H. Santiago-Hernandez, M. Bello-Jiménez, E. Rivera Pérez, L. A. Rodríguez-Morales, and E. A. Kuzin	Optics Express	10.1364/OE.26.014894
39	All-fiber laser with simultaneous Tm3+ passive Q-switched and Ho3+ gain-switched operation	2018	B. Ibarra-Escamilla, M. Duran-Sanchez, R. I. Alvarez-Tamayo, B. Posada-Ramírez, P. Prieto-Cortes, J. Alaniz-Baylón, H. Santiago-Hernández, M. Bello-Jiménez, and E. A. Kuzin	Optics Letters	10.1364/OL.43.003377
40	All-fiber passively Q-switched thulium-doped fiber laser by using a holmium-doped fiber as saturable absorber	2018	Duran Sanchez, Manuel; Alvarez-Tamayo, RI; Posada-Ramirez, B; Alaniz-Baylon, J; Bravo-Huerta, E; Santiago-Hernandez, Héctor; Hernandez-Arriaga, Marco V; Bello-Jimenez, M; Ibarra-Escamilla, Baldemar; Kuzin, Evgeny.	Fiber Lasers XV: Technology and Systems	10.1117/12.2288431
41	Caracterización de la lámpara Flash-LED: EBNeuro usada para adquirir potenciales evocados visuales en ratas	2018	Zareth Ortiz Arzate, Miguel Ángel Camacho López, Paola Ballesteros Zebadua, Javier Franco Pérez, Carlos Treviño Palacios	Revista Mexicana de Ingeniería Biomédica	10.17488/RMIB.39.1.2
42	Direct Measurement of the Topological Charge in Elliptical Beams Using Diffraction by a Triangular Aperture	2018	Melo, LA; Jesus-Silva, AJ; Chavez-Cerda, Sabino; Ribeiro, PHS; Soares, WC.	Scientific Reports	10.1038/s41598-018-24928-5
43	Discrete fractional Fourier transform: Vandermonde approach	2018	Héctor Manuel Moya Cessa, Francisco Soto Eguibar	IMA Journal of Applied Mathematics	10.1093/imamat/hxy028
44	Estudio experimental de acopladores bicónicos de fibra óptica aplicados al desarrollo de multiplexores por división de longitud de onda	2018	M. Hernández-Arriaga, M. Bello-Jiménez, B. Ibarra-Escamilla, A. Loreda-Trejo, M. Duran-Sanchez, H. Santiago-Hernandez, and E. A. Kuzin	Revista Mexicana de Física	10.31349/RevMexFis.64.55
45	Evaluation of a LED-based flatbed document scanner for radiochromic film dosimetry	2018	José Manuel Lárraga-Gutiérrez, Olivia Amanda García-Garduño, Carlos Treviño-Palacios, José Alfredo Herrera-Jiménez	Physics Medica	10.1016/j.ejmp.2018.02.010

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46	Exact solution of degenerate and nondegenerate optical parametric oscillator coupled with a squeezed thermal bath	2018	B. M. Villegas Martínez, Héctor Manuel Moya Cessa, Francisco Soto Eguibar	Modern Physics Letters B	https://doi.org/10.1142/S0217984918502470
47	Experimental investigation of polarization-imbalanced nonlinear loop mirror with double-sense twisted fiber as a filter to clean up solitons	2018	L. A. Rodríguez-Morales, I. Armas-Rivera, M. Avazpour, G. Beltrán-Pérez, H. Santiago-Hernandez, B. Ibarra-Escamilla, M. Duran-Sanchez, O. Pottiez, and E. A. Kuzin	Journal of Optics	10.1088/2040-8986/aa9af8
48	Experimental study of biconical fiber optic couplers applied to the development of wavelength division multiplexing	2018	Hernandez-Arriaga, Marco V; Bello-Jimenez, M; Ibarra-Escamilla, Baldemar; Loredó-Trejo, A; Duran-Sanchez, Manuel; Santiago-Hernandez, Héctor; Kuzin, Evgeny.	Revista Mexicana de Física	No tiene DOI
49	Experimental study of multi-pulse generation in a full polarization controlled passively mode-locked Er-Fiber laser	2018	Santiago-Hernandez, Héctor; Bracamontes-Rodríguez, YE; Beltrán-Pérez, G; Armas-Rivera, I; Rodríguez-Morales, LA; Pottiez, O; Ibarra-Escamilla, Baldemar; Duran-Sanchez, Manuel; Hernandez-Arriaga, MV; Kuzin, Evgeny.	Fiber Lasers XV: Technology and Systems	10.1117/12.2287261
50	Focus measure method based on the modulus of the gradient of the color planes for digital microscopy	2018	Román Hurtado-Pérez, Carina Toxqui-Quintl, Alfonso Padilla-Vivanco, J. Félix Aguilar-Valdez, and Gabriel Ortega-Mendoza	Optics Engineering	10.1117/1.OE.57.2.023106
51	In-fiber modal interferometer based on multimode and double cladding fiber segments for tunable fiber laser applications	2018	Prieto-Cortes, P; Alvarez-Tamayo, RI; Duran-Sanchez, Manuel; Castillo-Guzman, A; Salceda-Delgado, G; Ibarra-Escamilla, Baldemar; Kuzin, Evgeny; Barcelata-Pinzon, A; Selvas-Aguilar, R.	Fiber Lasers XV: Technology and Systems	10.1117/12.2288460
52	KvN mechanics approach to the time-dependent frequency harmonic oscillator	2018	Irán Ramos Prieto, Alejandro R. Urzúa Pineda, Francisco Soto Eguibar, Héctor Manuel Moya Cessa	Scientific Reports	10.1038/S41598-018-26759-w
53	Marangoni force-driven manipulation of photothermally-induced microbubbles	2018	Ortega-Mendoza, JG; Sarabia-Alonso, JA; Zaca-Moran, P; Padilla-Vivanco, A; Toxqui-Quintl, C; Rivas-Camero, I; Ramirez-Ramirez, J; Torres-Hurtado, SA; Ramos-García, Rubén.	Optics Express	10.1364/OE.26.006653
54	Mathematical and diffractive modeling of self-healing	2018	Víctor Arrizón, Gabriel Mellado-Villaseñor, Dilia Aguirre-Olivas, and H. M. Moya-Cessa	Optics Express	10.1364/OE.26.012219

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55	Measurement of three-dimensional wavefronts using the Ichikawa–Lohmann–Takeda solution to the irradiance transport equation	2018	J. A. Arriaga-Hernández, F. Granados-Agustín, A. Cornejo-Rodríguez	Applied Optics	10.1364/AO.57.004316
56	Microscopic approach to field dissipation in the Jaynes-Cummings model	2018	C. A. González-Gutiérrez, D. Solís-Valles, and B. M. Rodríguez-Lara	Journal of Physics A: Mathematical and Theoretical	10.1088/1751-8121/aa9303
57	Necklaces of PT-symmetric dimers	2018	D. J. Nodal Stevens, B. Jaramillo Ávila, and B. M. Rodríguez-Lara	Photonics Research	10.1364/PRJ.6.000A31
58	Normalization corrections to perturbation theory based on a matrix method	2018	B. M. Villegas-Martínez, H. M. Moya-Cessa and F. Soto-Eguibar	Journal of Modern Optics	10.1080/09500340.2017.1417508
59	Noticeable bone degradation on a plain radiography: A case	2018	A. Jaramillo-Núñez, B. E. Sánchez-Rinza, M. Pérez-Meza	Revista Mexicana de Ingeniería Biomédica	10.17488/RMIB.39.2.4
60	Numerical study of multiple noise-like pulsing in a dispersion-managed figure-eight fibre laser	2018	O. Pottiez, Y. E. Bracamontes-Rodríguez, H. E. Ibarra-Villalon J. C. Hernandez-Garcia, M. Bello-Jimenez, J. P. Lauterio-Cruz, E. Garcia-Sanchez, and E. A. Kuzin	Laser Physics	10.1088/1555-6611/9967e8
61	Properties of the Poynting vector for invariant beams: Negative propagation in Weber beams	2018	Rondon-Ojeda, I; Soto-Eguibar, Francisco.	Wave Motion	10.1016/j.wavemoti.2018.02.003
62	Rapid scanning optical delay line based on a diffraction grating pair for low-coherence reflectometer	2018	Yevgeniy Kolokoltsev, Carlos Trevino-Palacios, Ivan Gomez, Jesus Garduno-Mejia, Maximino Avendaño Alejo, Oleg Kolokoltsev	Applied Optics	10.1364/AO.57.004542
63	Self-Q-Switch and CW Operation of a Tunable Dual-Wavelength Er/Yb Double-Clad Fiber Laser	2018	B. Ibarra-Escamilla, M. Durán-Sánchez, B. Posada-Ramírez, P. Prieto-Cortes, R. I. Álvarez-Tamayo, and E. A. Kuzin	Applied Science	10.3390/app8020171

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64	Symmetry in optics and photonics: A group theory approach	2018	B. M. Rodríguez-Lara, J. Guerrero, and R. El-Ganainy	Science Bulletin	10.1016/j.scib.2017.12.020
65	The abrupt temperature changes in the plantar skin thermogram of the diabetic patient: looking in to prevent the insidious ulcers	2018	Francisco-J Renero-C.	Diabetic Foot & Ankle	10.1080/2000625X.2018.1430950
66	Two-particle four-point correlations in dynamically disordered tight-binding networks	2018	A. Perez-Leija, R. de J. Leon-Montiel, J. Sperling, H. Moya-Cessa, A. Szameit and K. Busch	Journal of Physics B	101088/1361-6455/aa9aa1
67	A Simple Method to Obtain the Generation Lifetime in MOS Capacitors	2018	O. Malik, F. Temoltzi-Avila, F. J. De la Hidalga-W	International Journal of New Technology and Research	No tiene DOI
68	Alternative angular spectrum derivation of beam-shape coefficients of generalized Lorenz- Mie theory: scattering of light coming from two pinholes	2018	J. A. Gonzaga-Galeana y J. R. Zurita-Sánchez	Journal of Electromagnetic Waves and Applications	https://doi.org/10.1080/09205071.2017.1422809
69	Approximation of Fresnel Integrals with Applications to Diffraction Problems	2018	M. Sandoval-Hernandez, H. Vazquez-Leal, Luis Hernandez-Martinez, U.A. Filobello-Nino, V.M. Jimenez-Fernandez, A. L. Herrera-May, R. Castañeda-Sheissa, R.C. Ambrosio-Lazaro, G. Diaz-Arango	Mathematical Problems in Engineering	DOI: doi.org/10.1155/2018/4031793
70	Characterization of the random telegraph signature in MOSFETs under the influence of magnetic fields	2018	Oscar Huerta, Carlos Márquez, Adrián I. Tec Chim, Fernando Guarín, Edmundo A. Gutiérrez-D., and Francisco Gámiz	IEEE Electron Device Letters	DOI: 10.1109/LED.2018.2835142
71	Characterization of Transmission Lines on PCB from S-Parameters by Determining the Dielectric and Conductor Losses at the Crossover Frequency	2018	E.Y. Terán-Bahena, S.C. Sejas-García, and Reydezel Torres-Torres	IEEE Transactions on Components	DOI: 10.1109/TCPMT.2018.2824321
72	Comb Filters Characteristics and Current Applications	2018	Cruz-Jimenez, MG; Romero, DET; Dolecek, Gordana.	Encyclopedia of Information Science and Technology, 4th Edition	10.4018/978-1-5225-2255-3.ch522

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73	Comparison of Light Emitting Capacitors with textured and polished silicon substrates towards the understanding of the emission mechanisms	2018	J. Alarcón-Salazar, M. A. Vásquez-Agustín, E. Quiroga-González, Ignacio E. Zaldívar-Huerta, and M. Aceves-Mijares	Journal of Luminescence	DOI: https://doi.org/10.1016/j.jlumin.2018.06.060
74	Design and Electrochemical Characterization of Ion-Sensitive Capacitors with ALD Al ₂ O ₃ as the Sensitive Dielectric	2018	Joel Molina Reyes	IEEE Sensors Journal	DOI: 10.1109/JSEN.2017.2754958
75	Detectability Challenges of Bridge Defects in FinFET Based Logic Cells	2018	Freddy Forero, Jean-Marc Galliere, Michel Renovell, Victor Champac	Journal of Electronic Testing	https://doi.org/10.1007/s10836-018-5714-0
76	Dielectric characterization of raw and packed soy milks from 0.5 to 20 GHz at temperatures from 20 to 70 °C	2018	Tejinder Kaur Kataria, Alonso Corona-Chávez, Jose Luis Olvera-Cervantes, Roberto Rojas-Laguna, Ma. Elena Sosa-Morales	Journal of Food Science and Technology	https://doi.org/10.1007/s13197-018-3238-3
77	Discrete breathers in an electric lattice with an impurity: Birth, interaction, and death	2018	Alexander Gómez-Rojas and P. Halevi	Phys. Rev. E	DOI: https://doi.org/10.1103/PhysRevE.97.022225
78	Effect of Pressure and Flow Rates on Polymorphous Silicon-Germanium (pm-SixGe _{1-x} :H) Thin Films for Infrared Detection Applications	2018	Ricardo Jiménez, Mario Moreno, Alfonso Torres, Pedro Rosales, Víctor Gomez, Netzahualcoyotl Carlos, and Pere Roca i Cabarrocas	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	DOI: 10.1002/pssa.201700735
79	Experimental verification of optimized multi-scroll chaotic oscillators based on irregular saturated functions	2018	Jesus M. Munoz-Pacheco, Diana K. Guevara-Flores, Olga Guadalupe Félix-Beltrán, Esteban Tlelo-Cuautle, José E. Barradas-Guevara, Christos Volos	Complexity	DOI: 10.1155/2018/3151840
80	False Positive Reduction by an Annular Model as a Set of Few Features for Microcalcification Detection to Assist Early Diagnosis of Breast Cancer	2018	Jonathan Hernández-Capistrán, Jorge F. Martínez-Carballido, Roberto Rosas-Romero	Journal of Medical Systems	DOI: https://doi.org/10.1007/s10916-018-0989-3
81	Filter with Selectable Passband Based on a Miniaturized Resonator	2018	Reyes-Ayona Jose Roberto, Tejinder Kaur Kataria, and Alonso Corona-Chavez	Progress in Electromagnetics Research-PIER	doi:10.2528/PIERL17102703

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82	Forster Energy Transfer in the Vicinity of Two Metallic Nanospheres (Dimer)	2018	Zurita-Sanchez, Jorge R; Mendez-Villanueva, J.	Plasmonics	10.1007/s11468-017-0583-4
83	FPGA Realization of n-QAM Digital Modulators	2018	J.A. Galaviz-Aguilar, J.C. Nuñez-Perez, F.J. Perez-Pinal, Esteban Tlelo-Cuautle	IETE Technical Review	https://doi.org/10.1080/02564602.2018.1470038
84	Gate modeling of metal-insulator-semiconductor devices based on ultra-thin atomic-layer deposited TiO2	2018	Héctor Uribe Joel Molina Reyes, A. Romero, E. Ortega and A. Ponce	Journal of Materials Science: Materials in Electronics	DOI: 10.1007/s10854-018-9240-8
85	High-Q and Wide-Bandwidth Capacitor Multiplier Optimized by NSGA-II	2018	J. Lopez-Arredondo, Esteban Tlelo-Cuautle, L. G. de la Fraga	IETE Journal of Research	DOI: https://doi.org/10.1080/03772063.2018.1436987
86	Homotopy Path Planning for Terrestrial Robots Using Spherical Algorithm	2018	Diaz-Arango, G; Vazquez-Leal, H; Hernandez-Martinez, Luis; Pascual, María T; Sandoval-Hernandez, M.	IEEE Transactions on Automation Science and Engineering	10.1109/TASE.2016.2638208
87	Incipient broken rotor bar detection in induction motors using vibration signals and the orthogonal matching pursuit algorithm	2018	C. Morales-Perez, José J. Rangel-Magdaleno, H. Peregrina-Barreto, J. Amezcua-Sanchez	Transactions On Instrumentation And Measurement	DOI: 10.1109/TIM.2018.2813820
88	Mie scattering of partially coherent light: controlling absorption with spatial coherence	2018	J. A. Gonzaga-Galeana y J. R. Zurita-Sánchez	Optics Express	https://doi.org/10.1364/OE.26.002928
89	Modeling and Parameter Extraction for the Metal Surface Roughness Loss Effect on Substrate Integrated Waveguides From S-Parameters	2018	G. Méndez-Jerónimo, S.C. Sejas-García, and Reydezel Torres-Torres	IEEE Transactions on Microwave Theory and Techniques	DOI: 10.1109/TMTT.2017.2765328
90	New Objectives and Editorial Structure of IEEE Latin America Transactions	2018	Diaz, José Alejandro.	IEEE Latin America Transactions	No tiene DOI

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91	Novel Methods to Design Low-Complexity Digital Finite Impulse Response (FIR) Filters	2018	Romero, DET; Dolecek, Gordana.	Encyclopedia of Information Science and Technology, 4th Edition	10.4018/978-1-5225-2255-3.ch542
92	Optimization and synthesis approaches of semiconductor nanoparticles of crystalline CdSe using Taguchi method	2018	L. Leal-Cruz, A. Vera-Marquina, A. Espinoza-Duarte, A. G. Rojas-Hernández, A. García-Juárez, J. A. Aguilar-Martínez, Ignacio E. Zaldívar-Huerta	Journal of Materials Science: Materials in Electronics	DOI: https://doi.org/10.1007/s10854-018-9332-5
93	Parameter extraction of gate tunneling current in metal-insulator-semiconductor capacitors based on ultra-thin atomic-layer deposited Al ₂ O ₃	2018	Héctor Uribe, Joel Molina	Journal of Materials Science: Materials in Electronics	DOI: 10.1007/s10854-018-9104-2
94	Performance Characterization of Infrared Detectors Based on Polymorphous Silicon-Germanium (pm-SixGe1-x:H) Thin Films Deposited at Low Temperature	2018	Ricardo Jiménez, Mario Moreno, Alfonso Torres, Pedro Rosales, María T. Sanz and Roberto Ambrosio	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	DOI: 10.1002/pssa.201700736
95	Photodetection Characterization of SiPM Technologies for their Application in Scintillator based Neutron Detectors	2018	S. Kumar, Daniel Durini, C. Degenhardt and S. van Waasen	Journal of Instrumentation	https://doi.org/10.1088/1748-0221/13/01/C01042
96	Physical and electrical characterization of yttrium-stabilized zirconia (YSZ) thin films deposited by sputtering and atomic-layer deposition	2018	Joel Molina Reyes, H. Tiznado, G. Soto, Monica Vargas-Bautista, David Dominguez, Eduardo Murillo Dan Sweeney John Read	Journal of Materials Science: Materials in Electronics	DOI: 10.1007/s10854-018-8909-3
97	Resonant tunneling MIIS diode based on intrinsic quantum-well formation of ultra-thin atomic layered films after band-offset engineering	2018	Joel Molina Reyes, Héctor Uribe, E. Ortega and A. Ponce	Applied surface Science	DOI: 10.1016/j.apsusc.2018.06.198
98	Selection of aging critical paths for reliable frequency scaling considering workload uncertainty and process variations effects	2018	Andres F. Gomez, Victor Champac	ACM Transactions on Design Automation of Electronic Systems	https://doi.org/10.1145/3177864 .
99	Sizing Analogue Integrated Circuits by Integer Encoding and NSGA-II	2018	A.C. Sanabria-Borbón, Esteban Tlelo-Cuautle	IETE Technical Review	DOI: 10.1080/02564602.2016.1276869

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100	Study on the photocatalytic activity of titanium dioxide nanostructures: Nanoparticles, nanotubes and ultra-thin films	2018	Joel Molina Reyes, A. Romero, H. Uribe, B. Lopez, J.L. Sanchez, E. Ortega, A. Ponce, A. Morales, F. Lopez and C. Zuniga	Catalysis Today	DOI: 10.1016/j.cattod.2018.05.033
101	Thermal-Sensor-Based Occupancy Detection For Smart Buildings Using Machine Learning Methods	2018	Hengyang Zhao, Qi Hua, Haibao Chen, Yaoyao Ye, Hai Wang, Sheldon X.-D. Tan, Esteban Tlelo-Cuautle	ACM Transactions on Design Automation of Electronic Systems	https://doi.org/10.1145/3200904
102	Waveguide-detector system on silicon for sensor application	2018	. Alarcón-Salazar, G. V. Vázquez, A. A. González-Fernández, I. E. Zaldívar-Huerta, J. Pedraza-Chávez and Mariano Aceves-Mijares	Advanced Materials Letters	DOI: 10.5185/amlett.2018.1552
103	A local multiscale probabilistic graphical model for data validation and reconstruction, and its application in industry	2018	Javier Herrera-Vega, Felipe Orihuela-Espina, Pablo H. Ibargüengoytia, Uriel A. García, Dan-ElVila Rosado, Eduardo F. Morales, Luis Enrique Sucar.	Engineering Applications of Artificial Intelligence. Volume 70, April 2018, Pages 1-15, 2018. ISSN: 0952-1976. Impact factor(2017): 2.819. 2017-Q1.	https://doi.org/10.1016/j.engappai.2018.01.001
104	A new algorithm for reduct computation based on gap elimination and attribute contribution	2018	Vladimir Rodríguez-Diez, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa, and Manuel Lazo-Cortés.	Information Sciences. Volume 435, April 2018, Pages 111–123. ISSN: 0020-0255. Impact factor(2017): 4.305. 2017-Q1.	https://doi.org/10.1016/j.ins.2017.12.027
105	A Prospect-Guided Global Query Expansion Strategy Using Word Embeddings.	2018	Francis de la Caridad Fernández-Reyes, Jorge Hermosillo-Valadez, Manuel Montes-y-Gómez.	Information Processing and Management, Volume 54, Issue 1, January 2018, Pages 1-13. ISSN 0306-4573. Impact factor(2017): 4.444. 2017-Q1	https://doi.org/10.1016/j.ipm.2017.09.001
106	A review of conceptual clustering algorithms.	2018	Airel Pérez-Suárez, José Fco. Martínez-Trinidad, Jesús A. Carrasco-Ochoa.	Artificial Intelligence Review. First online: 23 march 2018 Online. ISSN: 0269-2821. Impact factor(2017): 3.814. 2017-Q1.	https://doi.org/10.1007/s10462-018-9627-1
107	A visual approach for age and gender identification on Twitter	2018	Álvarez-Carmona, Miguel, Pellegrin, Luis, Montes-y-Gómez, Manuel, Sánchez-Vega, Fernando, Escalante, Hugo Jair, López-Monroy, A. Pastor, Villaseñor-Pineda, Luis, Villatoro-Tello, Esaú.	Journal of Intelligent & Fuzzy Systems, vol. 34, no. 5, pp. 3133-3145, 2018. Published: 24 May 2018. ISSN: 1064-1246. Impact factor(2017): 1.426. 2017-Q3	http://dx.doi.org/10.3233/JIFS-169497
108	Accurate and fast prototype selection based on the notion of relevant and border prototypes	2018	Olvera-López, J. Arturo, J. Ariel Carrasco-Ochoa, and J. Martínez-Trinidad.	Journal of Intelligent & Fuzzy Systems. Vol. 34, Issue: 5, pp. 2923-2934, 24 may 2018. 2018. ISSN: 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	DOI: 10.3233/JIFS-169478

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109	An affective and Web 3.0-based learning environment for a programming language	2018	Ramón Zatarain Cabada, María Lucía Barrón Estrada, Francisco González Hernández, Raúl Oramas Bustillos, Carlos Alberto Reyes-García.	Telematics and Informatics, volume 35, issue 3, June 2018 pages 611-628, Elsevier, ISSN 0736-5853; Impact factor(2017): 3.789. 2017-Q1.	http://dx.doi.org/10.1016/j.tele.2017.03.005
110	Argument component classification in academic writings	2018	García-Gorrostieta, Jesús Miguel, López-López, Aurelio.	Journal of Intelligent & Fuzzy Systems, vol. 34, no. 5, pp. 3037-3047, 2018, Published: 24 May 2018. ISSN 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	DOI: 10.3233/JIFS-169488
111	Automatic argument assessment of final project reports of computer engineering students	2018	Jesús M. García-Gorrostieta, Aurelio López-López, Samuel González-López.	Computer Applications in Engineering Education. 2018;1-10. Wiley Periodicals, Inc. First published: 28 June 2018. ISSN: 1061-3773. Impact factor(2017): 1.153. 2017-Q3.	https://doi.org/10.1002/cae.21996
112	Automatic Theorem Proving for Natural Logic: a Case Study on Textual Entailment	2018	Jesús Lavalle, Manuel Montes, Héctor Jiménez, Luis Villaseñor, and Beatriz Beltrán.	Computación y Sistemas. Vol. 22, No.1 (2108) ISSN 2007-9737, (revista indizada por CONACYT).	http://www.cys.cic.ipn.mx/ojs/index.php/CyS/article/view/2778 .
113	Clasificando conocimiento arquitectónico a través de técnicas de minería de texto	2018	Samuel González-López, Gilberto Borrego Soto, Aurelio López-López y Alberto L. Morán y Solares.	Komputer Sapiens, Año X, Volumen I, enero-abril 2018, pp. 29-33. ISSN 2007-0691	http://smia.mx/komputersapiens/files/_ALMoStuNrEaChaBLe/ks101_7.61MB_extensa.pdf
114	Closed Frequent Similar Pattern Mining: Reducing the Number of Frequent Similar Patterns without Information Loss	2018	Ansel Yoan Rodríguez-González, Fernando Lezama, Carlos A. Iglesias-Alvarez, José Fco. Martínez-Trinidad, Jesús A. Carrasco-Ochoa, Enrique Munoz de Cote.	Expert Systems with Applications. Volumen 95, 15 April 2018, pages 271-283. ISSN: 0957-4174. Impact factor(2017): 3.768. 2017-Q1.	https://doi.org/10.1016/j.eswa.2017.12.018
115	Compact FPGA hardware architecture for public key encryption in embedded devices	2018	Luis Rodríguez-Flores, Miguel Morales-Sandoval, René Cumplido, Claudia Feregrino-Uribe, Ignacio Algreto-Badillo	PLoS One. Published: January 23, 2018 21 pages. ISSN: 1932-6203. Impact factor(2017): 2.766. 2017-Q1	https://doi.org/10.1371/journal.pone.0190939
116	Detecting glucose levels by means of Raman spectroscopy, support vector machine and principal component analysis	2018	Castro-Ramos, J, Villa-Manríquez, JF, Gómez-Gil, P, González-Viveros, N. Narea-Jiménez, F, Sánchez-Escobar JJ, Muñoz-López, J.	ECORFAN Journal Taiwan. 2017, Volume 1 Issue 2, July-December 2017: pp. 11-15. ISSN-ON line: 2524-2121.	http://www.ecorfan.org/taiwan/journal/vol1num2/ECORFAN_Journal_Taiwan_V1_N2_3.pdf
117	Editorial Special Issue on The Mexican Conference on Pattern Recognition	2018	Jesús Ariel Carrasco-Ochoa, Fosé Fco. Martínez-Trinidad, Victor Ayala-Ramirez, José Arturo Olvera-Lopez.	International Journal of Pattern Recognition and Artificial Intelligence. Volume 32, Issue 01, January 2018, Special Issue: SI, ISSN: 0218-0014. Impact factor(2017): 1.029. 2017-Q3.	DOI: 10.1142/S0218001418020019

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118	Emphasizing Personal Information for Author Profiling: New Approaches for Term Selection and Weighting.	2018	Rosa María Ortega-Mendoza, A. Pastor López-Monroy, Anilú Franco-Arcega, Manuel Montes-y-Gómez.	Knowledge Based Systems, volume 145, 1 April 2018, pages 169-181. ISSN 0950-7051. Impact factor(2017): 4.396. 2017-Q1.	https://doi.org/10.1016/j.knosys.2018.01.014
119	Estimating Functional Connectivity Symmetry between Oxy- and Deoxy- Haemoglobin: Implications for FNIRS Connectivity Analysis	2018	Montero-Hernandez, Samuel; Orihuela-Espina, Felipe; Sucar, Luis Enrique; Pinti, Paola; Hamilton, Antonia; Burgess, Paul; Tachtsidis, Ilias.	Algorithms. Special Issue "Algorithms for Functional Near-Infrared Spectroscopy, Cerebral Oximetry and Near- Infrared Imaging" (2018) 11(5):70, ISSN: 1999-4893. Indexed in: Emerging Sources Citation Index.	https://doi.org/10.3390/a11050070 .
120	Evaluation of detection approaches for Road Anomalies based on accelerometer readings-addressing who's who	2018	Manuel Ricardo Carlos; Mario Ezra Aragón; Luis C. González; Hugo Jair Escalante; Fernando Martínez	IEEE Intelligent Transportation Systems Society, online January 19, 2018. ISSN: 1524-9050. Impact factor(2017): 4.051. 2017-Q1.	https://doi.org/10.1109/TITS.2017.2773084
121	Extensions to AGraP algorithm for finding a reduced set of inexact graph patterns	2018	Marisol Flores-Garrido, J. Ariel Carrasco-Ochoa, José Fco Martínez-Trinidad.	International Journal of Pattern Recognition and Artificial Intelligence, Vol. 32, Issue 1, 5 pages, ISSN: 0218-0014. Impact factor(2017): 1.029. 2017-Q3.	https://doi.org/10.1142/S0218001418600121 , 2018
122	Gaze patterns hold key to unlocking successful search strategies and increasing polyp detection rate in colonoscopy	2018	Lami, Mariam; Singh, Harsimrat; Dilley, James H.; Ashraf, Hajra; Edmondson, Matthew; Orihuela-Espina, Felipe; Hoare, Jonathan; Darzi, Ara; Sodergren, Mikael H.	Endoscopy (2018) 50(7):701-707. ISSN: 0013-726X; Impact factor(2017): 6.629. 2017-Q1.	DOI: 10.1055/s-0044-101026
123	Imperial College near infrared spectroscopy neuroimaging analysis framework	2018	Orihuela-Espina, Felipe; Leff, DR; James, DRC; Darzi, AW; Yang, GZ.	Neurophotonics	10.1117/1.NPh.5.1.011011
124	Inferring Missing Climate Data for Agricultural Planning Using Bayesian Networks	2018	Leonel Lara-Estrada, Livia Rasche, L. Enrique Sucar and Uwe A. Schneider.	Land MDPI, Open Access Journal, volume7 issue 1, pages 1-13, January 2018. ISSN: 2073-445X.	http://www.mdpi.com/2073-445X/7/1/4/pdf
125	Learning When to Classify for Early Text Classification	2018	Loyola, JM; Errecalde, M; Escalante, Hugo J; Montes y Gomez, Manuel,	Computer Science	10.1007/978-3-319-75214-3_3
126	Looking at People Special Issue	2018	Sergio Escalera, Jordi González, Hugo Jair Escalante, Xavier Barólsabelle Guyon	International Journal of Computer Vision. April 2018, Volume 126, Issue 2-4, pp 141-143. ISSN: 0920-5691. Impact factor(2017): 11.541. 2017-Q1.	DOI https://doi.org/10.1007/s11263-017-1058-y

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127	Metodología para la integración de un manipulador móvil bajo software libre	2018	Oswaldo Alquisiris Quecha, Francisco Aguilar Acevedo, Ignacio Algreto-Badillo, J. Jesús Arellano Pimentel.	Pistas Educativas Vol. 39, No. 128 (2018): Número Especial (SENIE 2017), pp 118-130. ISSN: 2448-847X. Publicado: Febrero 2018.	http://www.itcelaya.edu.mx/ojs/index.php/pistas/article/view/1148/938
128	Multi-level term analysis for profile learning in adaptive document filtering	2018	Bruzón, Adrian Fonseca, López-López, Aurelio, Medina Pagola, José E.	Journal of Intelligent & Fuzzy Systems, vol. 34, no. 5, pp. 3015-3026, 2018, Published: 24 May 2018. ISSN 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	DOI: 10.3233/JIFS-169486
129	On Fisher vector encoding of binary features for video face recognition	2018	Yoanna Martínez-Díaz, Noslen Hernández, Rolando J Biscay, Leonardo Chang, Heydi Méndez- Vázquez, Lus Enrique Suclar.	Journal of Visual Communication and Image Representation, Vol. 51, February 2018, pages 155-161. ISSN 1047-3203. Impact factor(2017): 1.836. 2017-Q2.	https://doi.org/10.1016/j.jvcir.2018.01.017
130	On-road obstacle detection video system for traffic accident prevention	2018	Luis Alberto Morales Rosales, Ignacio Algreto-Badillo, Carlos Arturo Hernández Gracidas, Hector Rodríguez Rangel, Mariana Lobato Báez.	Journal of Intelligent and Fuzzy Systems, vol. Pre-press, no. Pre-press, pp. 1-15, 2018. Published: 9 July 2018. ISSN: 1064-1246. Impact factor(2017): 1.426. 2017-Q3	DOI: 10.3233/JIFS-169609
131	Paraphrase Plagiarism Identification with Character-level Features	2018	Fernando Sánchez-Vega, Esau Villatoro-Tello, Manuel Montes-y-Gómez, Paolo Rosso, Efsthios Stamatatos, Luis Villaseñor-Pineda.	Pattern Analysis and Applications. ISSN: 1433-7541. Impact factor(2017): 1.281. 2017-Q3.	https://doi.org/10.1007/s10044-017-0674-z
132	Query-oriented Text Summarization Based on Multiobjective Evolutionary Algorithms and Word Embeddings	2018	Yanet Fors Isalguez, Jorge Hermsillo Valadez and Manuel Montes-y-Gómez.	Journal of Intelligent and Fuzzy Systems, vol. 34, no. 5, pp. 3235-3244, Published: 24 May 2018. ISSN 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	DOI: 10.3233/JIFS-169506
133	Real-time enhancement of sparse 3D maps using a parallel segmentation scheme based on superpixels	2018	Cruz-Martinez, C; Martinez-Carranza, José; Mayol-Cuevas, W.	Journal of Real-Time Image Processing	10.1007/s11554-017-0707-2
134	Reconfigurable Arithmetic Logic Unit Designed With Threshold Logic Gates	2018	A. Medina-Santiago, Mario Alfredo Reyes-Barranca, Ignacio Algreto-Badillo, Alfonso Martínez Cruz, Kelsey Alejandra Ramírez Gutiérrez, Adrián Eleazar Cortés-Barrón.	IET Circuits Devices & Systems. Online ISSN 1751-8598 Available online: 01 May 2018. (10 pages) http://digital-library.theiet.org/content/journals/10.1049/iet-cds.2018.0046 . ISSN: 1751858X. Impact factor(2017): 1.395. 2017-Q3.	DOI: 10.1049/iet-cds.2018.0046

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135	Revisiting two-stage feature selection based on coverage policies for text classification	2018	Méndez-Molina, Arquímedes, Oña-García, Ana Li, Carrasco-Ochoa, Jesús Ariel, & Martínez-Trinidad, José Francisco.	Journal of Intelligent & Fuzzy Systems. Vol. 34, Issue: 5, pp. 2949-2957. 24 may 2018. ISSN: 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	DOI: 10.3233/JIFS-169480
136	Robust feature extraction algorithm suitable for real-time embedded applications	2018	Aguilar-Gonzalez, Abiel; Arias-Estrada, Miguel; Berry, Francois	Journal of Real-Time Image Processing	10.1007/s11554-017-0701-8
137	Semantically-informed distance and similarity measures for paraphrase plagiarism identification	2018	Miguel A. Álvarez-Carmona, Marc Franco-Salvador, Manuel Montes-y-Gómez, Paolo Rosso, Luis Villaseñor-Pineda, Esau Villatoro-Tello.	Journal of Intelligent & Fuzzy Systems, vol. 34, no. 5, pp. 2983-2990, 2018, IOS Press. ISSN 1064-1246. Impact factor(2017): 1.426. 2017-Q3.	doi:10.3233/JIFS-169483
138	Sistema Móvil basado en Sensores para la Promoción y la Monitorización en Tiempo Real de la Actividad Física	2018	Enrique Soto-Pérez-de-Celis, José Abraham Baez-Bagattela, Ernesto Lira-Huerta, Alejandro Herrera de la Luz, Socorro Parra-Cabrera, Felipe Orihuela-Espina, María de la Concepción Pérez-de-Celis-Herrero.	Salud Pública de México, (2018), volumen 60 no. 2, marzo-abril 2018. Pp. 119-120. ISSN: 0036-3634; Impact factor(2016): 1.331. 2016-Q3. Carta de aceptación fue el 8 de Junio de 2017.	DOI: http://dx.doi.org/10.21149/8561
139	Synchronization Protocol for Real Time Multimedia in Mobile Distributed Systems	2018	Miguel Angel Olmos Bello; Eduardo Lopez Dominguez; Saul E. Pomares Hernandez; Jose Roberto Perez Cruz.	IEEE Access, vol. 6, pp. 15926-15940, Date of Publication: 19 March 2018. ISSN: 2169-3536. Impact factor(2017): 3.557. 2017-Q1.	doi: 10.1109/ACCESS.2018.2817386
140	Temporal Stress in the Operating Room: Brain Engagement Promotes "Coping" and Disengagement Prompts "Choking"	2018	Modi, HN; Singh, H; Orihuela-Espina, F; Athanasiou, T; Fiorentino, F; Yang, GZ; Darzi, A; Leff, DR.	Annals of Surgery	10.1097/SLA.0000000000002289
141	Tree-based search of the next best view/state for three-dimensional object reconstruction	2018	J Irving Vasquez-Gomez, L Enrique Suclar, Rafael Murrieta-Cid and Juan-Carlos Herrera-Lozada.	International Journal of Advanced Robotics Systems, Volume 15, Issue 1, Jan-Feb 2018, 1-11. ISSN: 1729-8814. Impact Factor(2017): 0.952. 2017-Q4.	https://doi.org/10.1177/1729881418754575
142	Una metaheurística con reencadenamiento de trayectorias para optimizar planes territoriales	2018	Roger Rios, Hugo Jair Escalante.	Ciencia UANL, año 21, número 87, páginas:34-39. febrero 2018. ISSN: 2007-1175. 2018.	http://www.itcelaya.edu.mx/ojs/index.php/pistas/article/view/1148/938
143	Unobtrusive Inference of Affective States in Virtual Rehabilitation from Upper Limb Motions: A Feasibility Study	2018	Jesús Joel Rivas, Felipe Orihuela-Espina, Lorena Palafox, Nadia Bianchi-Berthouze, María del Carmen Lara, Jorge Hernández-Franco, and Luis Enrique Suclar	IEEE Transactions On Affective Computing, Date of Publication: 20 February 2018. ISSN: 1949-3045; Impact factor(2017): 4.585. 2017-Q1.	doi: 10.1109/TAFFC.2018.2808295