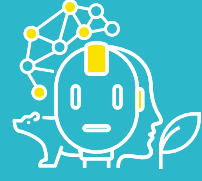


Exposition of themes



4.0 TECHNOLOGIES

Title	Authors
Anomaly Classification on IIoT Edge Devices	Martha Rodriguez, Diana Tobon and Danny Munera
Design and improvement of a wireless energy harvesting rectenna operating at 2.4 GHz	Gustavo Urrea-Castaño, Sebastián Montoya-Villada, Juan Sebastian Botero-Valencia and Erick Reyes-Vera
Graphene based Erbium doped fiber laser´s design guidelines for ultra short pulse generation	Juan Diego Zapata Caro, Jaime Arturo Bedoya and Ana Cardenas
Evaluation of the application of suspensions of iron oxide magnetic nanoparticles functionalized with quaternized chitosan on maize seeds	Yessica A. Montoya, Adriana R. Portela, Jeaneth P. Urquijo, Álvaro A. Velasquez, Diego F. Villanueva and Danna M. Susunaga
Mechanical characterization of bio-inspired composite materials produced via additive manufacturing	Liliana Bustamante, Junes Villarraga and Pablo Zavattieri
Additive manufacturing: an opportunity for innovation and sustainability	Henry A. Colorado L., Geovanna Girondi, Gustavo Xavier, Carlos Mauricio Vieira and Afonso Azevedo
Customized Ti6Al4V implants by EBM: design, manufacturing and surface treatments	Jose Adrián Tamayo, Carlos A Botero, Lars-Erik Rännar, Angie Lizeth Ramirez, Juan Guillermo Castaño, Maryory Astrid Gomez, Libia M Baena, Carlos Andres Vargas, Enrique Quiceno, Alejandro Zuleta, Nicolas Bedoya and Maria C. Zapata
Selecting a Data Platform to Support the Development of Applications Oriented to Improve Citizen Security	Luis German Garcia Morales, Jaime Alberto Vergara Tejada, Ricardo Andrés Velásquez Vélez and José Edinson Aedo Cobo
Prototype of a 3D indoor anemometer based on MEMS thermopile sensors	Elizabeth Ospina-Rojas and Juan Sebastian Botero-Valencia
KEY ENABLERS: MEASURING DIGITAL TRANSFORMATION IN COMPANIES LOCATED IN OCAÑA NORTH OF SANTANDER	Luis Fernando Morales Martínez, Byron Cuesta Quintero and Magreth Rossio Sanguino Reyes
Method for analyzing morphological traits of chrysanthemum cuttings based on computer vision	Juan Guillermo Pavas-Henao, David Fernández-Mc Cann and Dagoberto Castro-Restrepo
Q-means clustering coherent noise tolerance analysis	David Quiroga and Javier F. Botía