1.	Record Nr.	UNINA9910634101303321
	Titolo	Advanced Research in Technologies, Information, Innovation and Sustainability : Second International Conference, ARTIIS 2022, Santiago de Compostela, Spain, September 12–15, 2022, Revised Selected Papers, Part I / / edited by Teresa Guarda, Filipe Portela, Maria Fernanda Augusto
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2022
	ISBN	9783031203190 3031203194
	Edizione	[1st ed. 2022.]
	Descrizione fisica	1 online resource (596 pages)
	Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1675
	Disciplina	006.31
	Soggetti	Computer engineering Computer networks Image processing - Digital techniques Computer vision Application software Software engineering Computer Engineering and Networks Computer Imaging, Vision, Pattern Recognition and Graphics Computer and Information Systems Applications Software Engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Computing Solutions -- Self-training of manufacturing operators using finger-tracking wearable technologies Study -- GraphQL or REST for mobile applications? -- Projections and predictive analysis of Tenebrio molitor production using simulation technique -- Automatic recognition system for traffic signs in Ecuador based on Faster R-CNN with ZFNet -- VGG11 Parkinson's disease detection based on voice attributes -- RELAPP: A new portable electronic rheometer for the analysis of viscoelastic materials based in artificial intelligence -- How to assess business technologies and systems - A global approach with

a case study -- Parametric Graph Project - Using LEGO Gears for Drawing Curves -- A Matching Algorithm to Assess Web Interfaces -- Parallel Spectral Clustering with FEAST library -- A control problem with passive particles driven by point vortices on the sphere -- The Dangers of Gamification -- Mobile Applications in tourism: Atale of two perspectives -- Accessibility study in hotels in the city of Quito -- A Comprehensive Study on Remote Laboratories Based on Pneumatic and Electropneumatic System -- Augmented Reality in Clothing Consumer Customization in COVID-19 Pandemic: A Preliminary Study -- Identification of mango fruit maturity using robust industrial devices and open-source devices applying artificial vision -- FHSS classification system in the spectrum using SDR generators for signal inhibitors -- Front-end framework to improve HCI, evaluated using an eye-tracking -- Advanced exploratory data analysis for Moroccan shopping places in TripAdvisor -- Content richness, perceived price, and perceived ease of use in relation to the satisfaction level and brand equity in streaming platform -- Data Intelligence -- Augmented Virtual Reality in Data Visualization -- Big Data Analytics to measure the performance of higher education students with online classes -- COVID-19 Fake News Detection Using Joint Doc2Vec and Text Features with PCA -- Eye Tracking and Visual Attention in a Retail Context: Can Point-of-Sale Stickers Guide Consumers? -- Error classification using automatic measures based on n-grams and edit distance -- Understanding and Predicting Process Performance Variations of a Balanced Manufacturing Line at Bosch -- A Comparative Analysis on the Summarization of Legal Texts using Transformer Models -- Determination of the factors influencing proper face recognition in faces protected by face masks, an analysis of their algorithms and the factors affecting recognition success -- Evaluation Metrics in Explainable Artificial Intelligence (XAI) -- Real-Time Condition-Based Maintenance of Friction Welding Tools by Generalized Fault Trees -- Minimizing False-Rejection Rates in Gas Leak Testing using an Ensemble Multiclass Classifier for Unbalanced Data -- Pattern Mining and Classification Techniques for Agriculture and Crop Simulation -- Peruvian Sign Language Recognition using recurrent neural networks -- Opinion clustering about mobility decisions: A practical case study -- An Exploratory Study on Hindcasting with Analogue Ensembles of Principal Components -- Classification of food types in a box with gas sensors using a machine learning method. Case study of intelligent electronic nose -- A Micro-Interaction Tool For Online Text Analysis -- Use of Classification Techniques for the Analysis of Data Related to COVID-19 in México -- Artificial neural networks applied to natural language processing applied in academic texts -- Relationship of the socioeconomic conditions with the emotional well-being of the students of the Tecnológico Nacional de México campus Tijuana: an analysis using data mining -- Classification of defects in injected parts through: moments of image and multilayer perceptron.

Sommario/riassunto	The two-volume Proceedings set CCIS 1675 and 1676 constitutes the refereed proceedings of the Second International Conference, ARTIIS 2022, held in Santiago de Compostela, Spain, during September 12–15, 2022. The 72 papers included in these proceedings were carefully reviewed and selected from 191 submissions. These papers were categorized into 2 technical tracks, i.e., Computing Solutions and Data Intelligence.