DIEGO GONZÁLEZ AGUILERA

CATEDRÁTICO DE UNIVERSIDAD

Departamento: INGENIERÍA CARTOGRÁFICA Y DEL TERRENO

Área: Ingeniería Cartográfica, Geodésica y Fotogrametría

Grupo de investigación: TECNOLOGÍAS DE LA INFORMACIÓN PARA LA DIGITALIZACIÓN INTELIGENTE DE OBJETOS Y PROCESOS.

Email: daguilera@usal.es

Doctor por la Universidad de Salamanca con la tesis **Reconstrucción 3D a partir de una sola vista** (2005). Dirigida por Dr. Javier Gómez Lahoz.

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Proyectos vigentes

Proyecto CIEN &#8220 HYSTORENEW&#8221 Investigación e integración del conjunto de tecnologías involucrados en la introducción del hidrógeno renovable como vector energético estratégico (visión global desde su producción hasta su consumo final)
Diego González Aguilera

Proyecto CIEN &#8220 HYSTORENEW&#8221 Investigación e integración del conjunto de tecnologías involucrados en la introducción del hidrógeno renovable como vector energético estratégico (visión global desde su producción hasta su consumo final)
Diego González Aguilera

Proyecto CIEN &#8220 HYSTORENEW&#8221 Investigación e integración del conjunto de tecnologías involucrados en la introducción del hidrógeno renovable como vector energético estratégico (visión global desde su producción hasta su consumo final)
Diego González Aguilera

Mine.io " A Holistic Digital Mine 4.0 Ecosystem"
Diego González Aguilera, Cristina Sáez Blázquez

ROAD EYE: Nueva herramienta adaptada a la ingeniería y a la inspección inteligente de carreteras
Diego González Aguilera, Susana Lagüela López

Investigación en tecnologías emergentes para soluciones innovadoras en la resiliencia de infraestructuras ferroviarias basadas en gemelo digital
Diego González Aguilera, Susana Lagüela López

CHAMELEON "A Holistic Approach to Sustainable, Digital EU Agriculture, Forestry, Livestock and Rural Development based on Reconfigurable Aerial Enablers and Edge Artificial Intelligence-on-Demand Systems"
Diego González Aguilera, Susana Lagüela López

Proyectos de transferencia de conocimiento en sector de la automoción: &#8220 Marquesina Inteligente
Diego González Aguilera

DRYADS-TREEADS "A Holistic Fire Management Ecosystem for Prevention Detection and Restoration of Environmental Disasters"
Diego González Aguilera, Susana Lagüela López

PROOPI 67-USAL4EXCELLENCE
Diego González Aguilera, Laura Piedelobo Martín

Tecnologías Inteligentes Avanzadas para la transición Energética Sostenible.
Diego González Aguilera, Susana Lagüela López

Herramienta holística para el desarrollo óptimo de la cadena de valor del Hidrógeno Verde bajo diferentes escenarios geoespaciales
Diego González Aguilera

Estudio para la prevencion contra incendios e inundaciones en los municipios de la provincia de Avila (Convenio Diputacion Avila-USAL)
Diego González Aguilera

LAW-GAME "An Interactive, Collaborative Digital Gamification Approach to Effective Experiential Training and Prediction of Criminal Actions"

Diego González Aguilera, Susana del Pozo Aguilera

Proyecto CIEN READY TWIN, Desarrollo software
Diego González Aguilera

Proyecto CIEN Digital Twin, desarrollo de software
Diego González Aguilera

Proyecto CIEN 'Ready Twin' Desarrollo software
Diego González Aguilera

Proyecto CIEN Inroad 4.0 desarrollo de software
Diego González Aguilera

Proyecto CIEN 'Inroad 4.0' Desarrollo software
Diego González Aguilera

Proyectos finalizados

2023

Automatización en la DETECción Temprana y monitorización de Tumores cutáneos no-melanoma mediante imagen Hiperespectral e Inteligencia Artificial.
Diego González Aguilera

Proyecto CIEN 'INROAD 4.0' Desarrollo de software
Diego González Aguilera

Sistema de monitorización de extintores en barcos basada en la plataforma de comunicaciones LoRaWAN
Roberto José García Martín

Laboratorio de Economia Circular sobre economia circular de nuevas tecnologias e impresion en 3D FORMACION
Diego González Aguilera

2022

RLD-PXIV R040
ÁNGEL LUIS MUÑOZ NIETO

Proyecto Cien "Inspector" desarrollo de software
Diego González Aguilera

Redacción del plan territorial de emergencias de la provincia de Ávila, y la actualización del estudio de la distribución territorial de la red de parques de extinción de incendios y salvamento de la provincia de Ávila
Diego González Aguilera

Fusión de tecnologías no destructivas y métodos de simulación numérica para la inspección y monitorización de uniones en nuevos materiales y en procesos de fabricación aditiva
Diego González Aguilera, Manuel Rodríguez Martín

Proyecto Cien "Inspector", desarrollo software
Diego González Aguilera

2021

[EPESOL] Nuevo Instrumento de evaluación de la penetrabilidad solar en el mercado energético español. (OTRI- BEA)
Diego González Aguilera, Susana Lagüela López

COMPRESSer - lightER, eco-friendliER and safER COMPosite PRESSure tanks
Roberto José García Martín

2020

Proyecto Sentinel: Servicio de desarrollo de librerias software para deteccion y clasificacion de elementos de interes en secuencias de imagenes de ferrocarril

Diego González Aguilera

DESARROLLO DE UN MOTOR INTELIGENTE DE PREDICTORES EÓLICOS. (OTRI- BEA)
Susana Lagüela López

GET UP: Geomarketing as an Entrepreneurship Tool
ÁNGEL LUIS MUÑOZ NIETO

2019

Asistencia tecnica en materia de agricultura inteligente
ÁNGEL LUIS MUÑOZ NIETO

Monitorización avanzada y conservación preventiva del patrimonio arquitectónico (Patrimonio 5.0)
Diego González Aguilera

Levantamiento y modelizacion 3D de la Iglesia de Adanero (Avila)
Diego González Aguilera

HeritageCARE: Monitorización y Conservación Preventiva del Patrimonio Histórico y Cultural.
Diego González Aguilera

Nueva Tecnología de Captura de Datos en Entornos Interiores y Algoritmos de Procesado para Integración BIM -AUTO-BIM (OTRI-BEA)
Diego González Aguilera

Subcontratación para el proyecto de investigación INROAD, Convocatoria AEESD 2016. Ministerio de Industria, Energía y Turismo.
Diego González Aguilera

Implantación de un sistema de análisis de imágenes de observación de la tierra para la determincación de las parcelas regadas en la cuenca del Duero y estimación de cultivos.
Diego González Aguilera

2018

Proyecto SMARTWELD: Diseño y desarrollo de aplicacion para el control de seguidad de soldaduras en estructuras metlaicas. Asesoramiento en materia de fotogrametria.
Diego González Aguilera

Concienciación y capacitación en materia de cambio climático para profesores de Primaria y Secundaria
Camilo Ruiz Méndez

Patrimonio cultural a través del tiempo / Cultural Heritage through time
Diego González Aguilera

2016

SISTEMA INTEGRADO PARA LA OPTIMIZACION ENERGETICA EN EDIFICIOS: TECNOLOGIAS BIM, INDOOR MAPPING, UAV Y HERRAMIENTAS DE SIMULACION ENERGETICA
Diego González Aguilera

Desarrollo de algoritmos para el tratamiento de nubes de puntos.
Diego González Aguilera

Sistema cibernético experto para la captación, almacenamiento, gestión y transferencia del conocimiento en el mantenimiento de aeronaves militares. SICEMAM (OTRI-BEA)
Diego González Aguilera

2015

Modelado energético para Smart cities.ENSMART (OTRI-BEA)
Diego González Aguilera

2014

Digitalización y modelización 3D de una Estación de Servicio Repsol.
Diego González Aguilera

2013

Sistema aéreo robotizado para la gestión de información espacial en ingeniería civil y arquitectura
Diego González Aguilera

INVESTIGACION DE SISTEMAS AVANZADOS DE TOMA DATOS PARA LA AUTOMATIZACIÓN EN EL DISEÑO CAE DE SUBESTACIONES ELÉCTRICAS: TOMADATOS. (OTRI-BEA)
Diego González Aguilera

2012

Diseño y desarrollo de una plataforma aérea robotizada para urbanismo y ordenación del Territorio
Diego González Aguilera

Levantamiento de ortofoto de la Muralla de Ávila. Lienzo Norte
Diego González Aguilera

2011

Plan de ortofoto de la muralla de Ávila. Lienzo oeste
Diego González Aguilera

Sistemas de información espacial para la gestión CAE de subestaciones eléctircas
Diego González Aguilera

DIEGO
GONZÁLEZ AGUILERA
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Tesis doctoral

Reconstrucción 3D a partir de una sola vista (2005)
Universidad de Salamanca

Tesis dirigidas (24)

Robust Statistical and Artificially Intelligent Approaches for the Analysis of 2D and 3D Morphological Data (2023)
Universidad de Salamanca
Lloyd A. Courtenay

Técnicas de escaneado móvil aplicadas a la digitalización y gestión en edificación (2021)
Universidad de Salamanca
Rocío Mora Fernández de Córdoba

Desarrollo de nuevas líneas de investigación en el campo del diseño y aprovechamiento de sistemas geotérmicos (2020)
Universidad de Salamanca
Ignacio Martín Nieto

Satellite imagery in water management and land use (2020)
Universidad de Salamanca
Laura Piedelobo Martín

Desarrollo de metodologías multidisciplinares para la generación de modelos numéricos en puentes históricos de arco (2019)
Universidad de Salamanca
Álvaro Bautista de Castro

Analysis and development of new techniques and possibilities of using Geothermal Energy (2019)
Universidad de Salamanca
Cristina Sáez Blázquez

Estudio y análisis de sensores rgb-d de bajo coste o “gaming sensors” en aplicaciones de visión artificial (2018)
Universidad de Salamanca
Manuel Gesto Díaz

Mejora de los protocolos de rescate y reconstrucción de accidentes de tráfico mediante el uso de geotecnologías (2018)
Universidad de Salamanca
Alejandro Morales Sánchez

Herramientas geomáticas aplicadas a la optimización de recursos energéticos (2017)
Universidad de Salamanca
Luis López Fernández

Caracterización del funcionamiento y control hidráulico frente a la rotura de balsas de riego, mediante un marco de trabajo estocástico (2017)
Universidad de Salamanca
Fernando Espejo Almodóvar

Desarrollo de metodologías y herramientas software y hardware de bajo coste para la integración de sensores en geomática (2017)
Universidad de Salamanca
José Alberto Torres Martínez

Implicaciones de la fotogrametría y de las técnicas láser en la identificación y caracterización de las trazas antrópicas sobre restos óseos en los yacimientos arqueológicos del pleistoceno (2017)
Universidad de Salamanca
Miguel Ángel Maté González

Planning, surveying, modelling and visualization techniques in the field of cultural heritage (2017)
Universidad de Salamanca
Belén Jiménez Fernández-Palacios

Integración de la fotogrametría clásica y moderna a los sistemas de vuelo autónomos y sensores aeroportados (2016)
Universidad de Salamanca
Jesús Fernández Hernández

Automatización en la extracción del trazado y el inventario geométrico de carreteras mediante sistemas de cartografiado móvil (2016)
Universidad de Salamanca
Alberto Holgado Barco

Multispectral Imaging for the Analysis of Materials and Pathologies in Civil Engineering, Constructions and Natural Spaces (2016)
Universidad de Salamanca
Susana del Pozo Aguilera

Close-range Photogrammetry applied to Agroforestry Engineering (2016)
Universidad de Salamanca
Mónica Herrero Huerta

Análisis estructural de infraestructuras a partir de la hibridación de sensores geomáticos (2016)
Universidad de Salamanca
Alberto Villarino Otero

Damage evaluation in constructions based on geomatic and dynamic approaches (2016)
Universidad de Salamanca
Luis Javier Sánchez Aparicio

Geotecnologías láser y fotogramétricas aplicadas a la modelización 3D de escenarios complejos en infografía forense (2015)
Universidad de Salamanca
Sandra Zancajo Blazquez

Termografía activa y fotogrametría de objeto cercano para la detección, medición y evaluación de defectos e imperfecciones en uniones soldadas (2015)
Universidad de Salamanca
Manuel Rodríguez Martín

Documentación y análisis geométrico del patrimonio arquitectónico a partir de métodos fotogramétricos con una y múltiples imágenes (2014)
Universidad de Salamanca
Jesús Mª García Gago

Estudio y análisis geométrico de la cámara barredora ads40 en los procesos fotogramétricos (2012)
Universidad de Salamanca
Sara González López

Automatización en el procesamiento de datos adquiridos mediante láser escáner 3D (2011)
Universidad de Salamanca
Pablo Rodríguez Gonzálvez

DIEGO GONZÁLEZ AGUILERA

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Patentes (11)

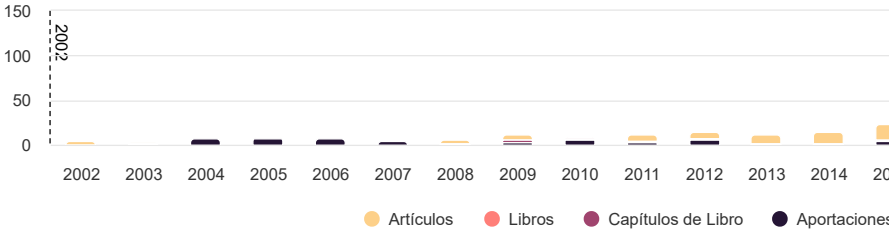
DISPOSITIVO PARA LA CARACTERIZACIÓN DE REFLEJOS EN EL ESPECTRO INFRARROJO TÉRMICO	2018
DISPOSITIVO AUTÓNOMO DE GENERACIÓN DE MODELOS FACIALES EN TRES DIMENSIONES	2017
EQUIPO DE INSPECCIÓN DE SOLDADURA	2017
SISTEMA DE ADQUISICIÓN DE IMÁGENES NADIRALES Y OBLICUAS	2017
Equipo de reconstrucción tridimensional	2016
Equipo portátil de puntería para cámaras termográficas	2016
Plataforma fotogramétrica	2015
Dispositivo para geo-localización 3D y orientación de tomas fotográficas terrestres	2014
Sistema de autocalibración fotogramétrica de cámaras termográficas	2014
Varilla balística para fotogrametría y láser escáner	2014
PLATAFORMA PARA LA TOMA DE IMÁGENES AÉREAS.	2011

DIEGO GONZÁLEZ AGUILERA

CATEDRÁTICO DE UNIVERSIDAD

Publicaciones (514)

- Artículos (**387**)
- Libros (**8**)
- Capítulos de Libro (**24**)
- Aportaciones congreso (**90**)
- Otros (**5**)



2023

A Digital Twin for Monitoring the Construction of a Wind Farm
Infrastructures, Vol. 8, Núm. 1

A Disaster Relief UAV Path Planning Based on APF-IRRT* Fusion Algorithm (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 323

A Novel Semidefinite Programming-based UAV 3D Localization Algorithm with Gray Wolf Optimization (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 113

A Systematic Literature Review (SLR) on Autonomous Path Planning of Unmanned Aerial Vehicles (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 118

An ETA-Based Tactical Conflict Resolution Method for Air Logistics Transportation (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 334

An Evaluation of Landmark-Based Methods to Explore Tooth Score Morphology: A Case Study on Felids and Hyenids
Applied Sciences (Switzerland), Vol. 13, Núm. 6

An Integer Programming Based Approach to Delivery Drone Routing under Load-Dependent Flight Speed (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 320

Analysis of the Suitability of the EOLO Wind-Predictor Model for the Spanish Electricity Markets
Energies, Vol. 16, Núm. 3

Automated Rice Phenology Stage Mapping Using UAV Images and Deep Learning (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 83

Automatic Processing for Identification of Forest Fire Risk Areas along High-Voltage Power Lines Using Coarse-to-Fine LiDAR Data
Forests, Vol. 14, Núm. 4

Automatic Road Inventory Using a Low-Cost Mobile Mapping System and Based on a Semantic Segmentation Deep Learning Model
Remote Sensing, Vol. 15, Núm. 5

Autonomous Maneuver Decision-Making of UCAV with Incomplete Information in Human-Computer Gaming (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 157

Centralized Mission Planning for Multiple Robots Minimizing Total Mission Completion Time (ed. lit.)
Applied Sciences, Vol. 13, Núm. 6, pp. 3737

Comparative Analysis of Ground Source and Air Source Heat Pump Systems under Different Conditions and Scenarios
Energies, Vol. 16, Núm. 3

Configurations and Applications of Multi-Agent Hybrid Drone/Unmanned Ground Vehicle for Underground Environments: A Review (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 136

Control Algorithms, Kalman Estimation and Near Actual Simulation for UAVs: State of Art Perspective (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 339

Deciphering carnivoran competition for animal resources at the 1.46 Ma early Pleistocene site of Barranco León (Orce, Granada, Spain)
Quaternary Science Reviews, Vol. 300

Deep Learning-Based Cost-Effective and Responsive Robot for Autism Treatment (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 81

Deep Reinforcement Learning for the Visual Servoing Control of UAVs with FOV Constraint (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 375

Defining Structural Cracks in Exterior Walls of Concrete Buildings Using an Unmanned Aerial Vehicle (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 149

Drones Routing with Stochastic Demand (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 362

Drones for Flood Monitoring, Mapping and Detection: A Bibliometric Review (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 32

Editorial of Special Issue “Advances in UAV Detection, Classification and Tracking” (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 195

Editorial of Special Issue “Unconventional Drone-Based Surveying” (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 175

Enhancing Online UAV Multi-Object Tracking with Temporal Context and Spatial Topological Relationships (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 389

Estimating the Economic Viability of Advanced Air Mobility Use Cases: Towards the Slope of Enlightenment (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 75

Evaluation of a slam-based point cloud for deflection analysis in historic timber floors
International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives

Experimental study on the thermal properties of pigmented mortars for use in energy efficiency applications
Journal of Cleaner Production, Vol. 382

Factored Multi-Agent Soft Actor-Critic for Cooperative Multi-Target Tracking of UAV Swarms (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 150

GIS-based selection methodology for viable District Heating areas in Castilla y León, Spain
Geothermics, Vol. 113

Geoespatial Distribution of the Efficiency and Sustainability of Different Energy Sources for Geothermal Heat Pumps in Europe
Green Energy and Technology (Springer Science and Business Media Deutschland GmbH), pp. 1-18

Geothermal Heat Pumps for Slurry Cooling and Farm Heating: Impact and Carbon Footprint Reduction in Pig Farms
Green Energy and Technology (Springer Science and Business Media Deutschland GmbH), pp. 221-243

Handheld stereo photogrammetry applied to crime scene analysis
Measurement: Journal of the International Measurement Confederation, Vol. 216

Heterogeneous Flight Management System (FMS) Design for Unmanned Aerial Vehicles (UAVs): Current Stages, Challenges, and Opportunities (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 380

Identifying Tree Species in a Warm-Temperate Deciduous Forest by Combining Multi-Rotor and Fixed-Wing Unmanned Aerial Vehicles (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 353

Integration of Laser Scanning Technologies and 360º Photography for the Digital Documentation and Management of Cultural Heritage Buildings
International Journal of Architectural Heritage, Vol. 17, Núm. 1, pp. 56-75

Intrinsically Safe Drone Propulsion System for Underground Coal Mining Applications: Computational and Experimental Studies (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 44

Investigation of Autonomous Multi-UAV Systems for Target Detection in Distributed Environment: Current Developments and Open Challenges (ed. lit.)
Drones, Vol. 7, Núm. 4, pp. 263

Is Barranco León (1.46 Ma, Orce, Granada, Spain) much more complicated than we think? A reply to Palmqvist et al. (2023)
Quaternary Science Reviews

Modeling and Simulation of an Octorotor UAV with Manipulator Arm (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 168

Monitoring the thermal contribution of certain mortar additives as a way to optimize the energy performance of buildings
Sustainable Energy Technologies and Assessments, Vol. 57

Monocular-Vision-Based Moving Target Geolocation Using Unmanned Aerial Vehicle (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 87

Multiparametric Evaluation of Electrical, Biogas and Natural Gas Geothermal Source Heat Pumps
Green Energy and Technology (Springer Science and Business Media Deutschland GmbH), pp. 103-122

Numerical Modeling of Kinetic Features and Stability Analysis of Jinpingzi Landslide (ed. lit.)
Land, Vol. 12, Núm. 3, pp. 679

PhotoMatch: An Open-Source Tool for Multi-View and Multi-Modal Feature-Based Image Matching
Applied Sciences (Switzerland), Vol. 13, Núm. 9

Preserving Privacy of Classified Authentic Satellite Lane Imagery Using Proxy Re-Encryption and UAV Technologies (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 53

Proposals of Processes and Organizational Preventive Measures against Malfunctioning of Drones and User Negligence (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 64

Recruiting a skeleton crew—Methods for simulating and augmenting paleoanthropological data using Monte Carlo based algorithms
American Journal of Biological Anthropology, Vol. 181, Núm. 3, pp. 454-473

Repeated UAV Observations and Digital Modeling for Surface Change Detection in Ring Structure Crater Margin in Plateau (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 298

Research on Adaptive Prescribed Performance Control Method Based on Online Aerodynamics Identification (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 50

Research on the Intelligent Construction of UAV Knowledge Graph Based on Attentive Semantic Representation (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 360

STFTrack: Spatio-Temporal-Focused Siamese Network for Infrared UAV Tracking (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 296

Semantic Scene Understanding with Large Language Models on Unmanned Aerial Vehicles (ed. lit.)
Drones, Vol. 7, Núm. 2

Small-Sample Seabed Sediment Classification Based on Deep Learning (ed. lit.)
Remote Sensing, Vol. 15, Núm. 8, pp. 2178

Smartvessel: A New Extinguisher Prototype Based on New Materials and IoT Sensors
Sensors, Vol. 23, Núm. 6

Structural Component Phenotypic Traits from Individual Maize Skeletonization by UAS-Based Structure-from-Motion Photogrammetry
Drones, Vol. 7, Núm. 2

Study on the Differences between the Extraction Results of the Structural Parameters of Individual Trees for Different Tree Species Based on UAV LiDAR and High-Resolution RGB Images (ed. lit.)
Drones, Vol. 7, Núm. 5, pp. 317

SunMap: Towards Unattended Maintenance of Photovoltaic Plants Using Drone Photogrammetry
Drones, Vol. 7, Núm. 2

Systematic Review on Civilian Drones in Safety and Security Applications (ed. lit.)
Drones, Vol. 7, Núm. 3, pp. 210

Technical Optimization of the Energy Supply in Geothermal Heat Pumps
Green Energy and Technology (Springer Science and Business Media Deutschland GmbH), pp. 157-184

The Effects of Spatial Resolution and Resampling on the Classification Accuracy of Wetland Vegetation Species and Ground Objects: A Study Based on High Spatial Resolution UAV Images (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 61

Transmission Line Segmentation Solutions for UAV Aerial Photography Based on Improved UNet (ed. lit.)
Drones, Vol. 7, Núm. 4, pp. 274

UAV Air Game Maneuver Decision-Making Using Dueling Double Deep Q Network with Expert Experience Storage Mechanism (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 385

UAV Formation Trajectory Planning Algorithms: A Review (ed. lit.)
Drones, Vol. 7, Núm. 1, pp. 62

UAV Path Planning Optimization Strategy: Considerations of Urban Morphology, Microclimate, and Energy Efficiency Using Q-Learning Algorithm (ed. lit.)
Drones, Vol. 7, Núm. 2, pp. 123

Upper Mantle Velocity Structure Beneath the Yarlung–Tsangpo Suture Revealed by Teleseismic P-Wave Tomography (ed. lit.)
Remote Sensing, Vol. 15, Núm. 11, pp. 2724

Vettonia project: A virtual environment for the educational dissemination of the iron age
International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives

VisionICE: Air–Ground Integrated Intelligent Cognition Visual Enhancement System Based on a UAV (ed. lit.)
Drones, Vol. 7, Núm. 4, pp. 268

Wind Pressure Orthogonal Decomposition Anemometer: A Wind Measurement Device for Multi-Rotor UAVs (ed. lit.)
Drones, Vol. 7, Núm. 6, pp. 366

2022

4DRoot: Root phenotyping software for temporal 3D scans by X-ray computed tomography
Frontiers in Plant Science, Vol. 13

A COMPARATIVE STUDY BETWEEN A STATIC AND A MOBILE LASER SCANNER FOR THE DIGITALIZATION OF INNER SPACES IN HISTORICAL CONSTRUCTIONS
REHABEND

A Cascaded and Adaptive Visual Predictive Control Approach for Real-Time Dynamic Visual Servoing (ed. lit.)
Drones, Vol. 6, Núm. 5, pp. 127

A Comparative Study of Bridge Inspection and Condition Assessment between Manpower and a UAS (ed. lit.)
Drones, Vol. 6, Núm. 11, pp. 355

A Decade of UAV Docking Stations: A Brief Overview of Mobile and Fixed Landing Platforms (ed. lit.)
Drones, Vol. 6, Núm. 1, pp. 17

A Digital Twin for Monitoring the Construction of a Wind Farm
IOCI 2022

A Distributed Task Scheduling Method Based on Conflict Prediction for Ad Hoc UAV Swarms (ed. lit.)
Drones, Vol. 6, Núm. 11, pp. 356

A New Visual Inertial Simultaneous Localization and Mapping (SLAM) Algorithm Based on Point and Line Features (ed. lit.)
Drones, Vol. 6, Núm. 1, pp. 23

A Novel Approach for the Shape Characterisation of Non-Melanoma Skin Lesions Using Elliptic Fourier Analyses and Clinical Images
Journal of Clinical Medicine, Vol. 11, Núm. 15

A Novel Method of Small Object Detection in UAV Remote Sensing Images Based on Feature Alignment of Candidate Regions (ed. lit.)
Drones, Vol. 6, Núm. 10, pp. 292

A Novel Multi-Scale Transformer for Object Detection in Aerial Scenes (ed. lit.)
Drones, Vol. 6, Núm. 8, pp. 188

A Real-Time and Multi-Sensor-Based Landing Area Recognition System for UAVs (ed. lit.)
Drones, Vol. 6, Núm. 5, pp. 118

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