

# Iván Puente

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6703363/publications.pdf>

Version: 2024-02-01

29  
papers

978  
citations

623188

14  
h-index

610482

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Building Information Modeling Approach to Integrate Geomatic Data for the Documentation and Preservation of Cultural Heritage. Remote Sensing, 2020, 12, 4028.	1.8	28
2	A Novel Baseline-Based Method to Detect Local Structural Changes in Masonry Walls Using Dense Terrestrial Laser Scanning Point Clouds. IEEE Sensors Journal, 2020, 20, 6504-6515.	2.4	8
3	Quantification and mapping of deterioration patterns on granite surfaces by means of mobile LiDAR data. Measurement: Journal of the International Measurement Confederation, 2019, 140, 227-236.	2.5	14
4	Parameterization of Structural Faults in Large Historical Constructions for Further Structural Modelling Thanks to Laser Scanning Technology and Computer Vision Algorithms. RILEM Bookseries, 2019, , 351-359.	0.2	0
5	A mobile android tool for simplified GPR data processing in construction applications. Automation in Construction, 2018, 89, 170-182.	4.8	6
6	Reconstructing the Roman Site "Aquis Querquennis" (Bande, Spain) from GPR, T-LiDAR and IRT Data Fusion. Remote Sensing, 2018, 10, 379.	1.8	25
7	Joint use of GPR, IRT and TLS techniques for the integral damage detection in paving. Construction and Building Materials, 2018, 174, 749-760.	3.2	42
8	Assessment of cracks on concrete bridges using image processing supported by laser scanning survey. Construction and Building Materials, 2017, 146, 668-678.	3.2	131
9	Efficient GPR data acquisition to detect underground pipes. NDT and E International, 2017, 91, 22-31.	1.7	31
10	GPR detection of underground pipes. , 2017, , .		1
11	Tratamiento microbiano de aguas "cidas resultantes de la actividad minera: una revisi3n. Tecnologia Y Ciencias Del Agua, 2017, 08, 75-91.	0.1	3
12	Laser Scanning Technology: Fundamentals, Principles and Applications in Infrastructure. Structures and Infrastructures Series, 2016, , 7-33.	0.2	12
13	Comparative study of deterioration forms on nearby granitic bridges from an urban setting in the NW Iberian Peninsula. Geomorphology, 2016, 274, 11-30.	1.1	7
14	A semi-automated method for extracting vertical clearance and cross sections in tunnels using mobile LiDAR data. Tunnelling and Underground Space Technology, 2016, 59, 48-54.	3.0	46
15	Automatic Registration of Mobile LiDAR Data Using High-Reflectivity Traffic Signs. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	11
16	Automatic classification of urban pavements using mobile LiDAR data and roughness descriptors. Construction and Building Materials, 2016, 102, 208-215.	3.2	41
17	UAV Photogrammetry Application to the Monitoring of Rubble Mound Breakwaters. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	17
18	Metrological evaluation of vessel-based mobile lidar for survey of coastal structures. International Journal of Remote Sensing, 2015, 36, 2622-2633.	1.3	2

#	ARTICLE	IF	CITATIONS
19	NDT Documentation and Evaluation of the Roman Bridge of Lugo Using GPR and Mobile and Static LiDAR. Journal of Performance of Constructed Facilities, 2015, 29, .	1.0	31
20	Novel image analysis approach to the terrestrial LiDAR monitoring of damage in rubble mound breakwaters. Ocean Engineering, 2014, 91, 273-280.	1.9	20
21	Automatic detection of road tunnel luminaires using a mobile LiDAR system. Measurement: Journal of the International Measurement Confederation, 2014, 47, 569-575.	2.5	42
22	Review of mobile mapping and surveying technologies. Measurement: Journal of the International Measurement Confederation, 2013, 46, 2127-2145.	2.5	308
23	Validation of mobile LiDAR surveying for measuring pavement layer thicknesses and volumes. NDT and E International, 2013, 60, 70-76.	1.7	28
24	Automatic segmentation of road overpasses and detection of mortar efflorescence using mobile LiDAR data. Optics and Laser Technology, 2013, 54, 353-361.	2.2	33
25	Single-Image Rectification Technique in Forensic Science. Journal of Forensic Sciences, 2013, 58, 459-464.	0.9	3
26	Accuracy verification of the Lynx Mobile Mapper system. Optics and Laser Technology, 2013, 45, 578-586.	2.2	65
27	MONITORING OF PROGRESSIVE DAMAGE IN BUILDINGS USING LASER SCAN DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 923-929.	0.2	12
28	Terrestrial laser scanning for geometry extraction and change monitoring of rubble mound breakwaters. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5, 289-295.	0.0	9
29	AUTOMATIC THICKNESS AND VOLUME ESTIMATION OF SPRAYED CONCRETE ON ANCHORED RETAINING WALLS FROM TERRESTRIAL LIDAR DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B5, 521-526.	0.2	2