Miguel Cano

List of Publications by Year
in descending order

33 papers	709 citations	516710 16 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	855 citing authors

#	Article	IF	Citations
1	A New Methodology for Bridge Inspections in Linear Infrastructures from Optical Images and HD Videos Obtained by UAV. Remote Sensing, 2022, 14, 1244.	4.0	10
2	Thermal effect of high temperatures on the physical and mechanical properties of a granite used in UNESCO World Heritage sites in north Portugal. Journal of Building Engineering, 2021, 43, 102823.	3.4	20
3	Effect of water saturation on strength and deformability of building calcarenite stones: Correlations with their physical properties. Construction and Building Materials, 2020, 232, 117259.	7.2	30
4	Combining SfM Photogrammetry and Terrestrial Laser Scanning to Assess Event-Scale Sediment Budgets along a Gravel-Bed Ephemeral Stream. Remote Sensing, 2020, 12, 3624.	4.0	9
5	Identification of Persistent Discontinuities on a Granitic Rock Mass Through 3D Datasets and Traditional Fieldwork: A Comparative Analysis. Springer Series in Geomechanics and Geoengineering, 2020, , 868-878.	0.1	3
6	Procedimiento constructivo de muros de sÃ³tano mediante bataches con juntas de conexiÃ³n. Estudio del ancho Ã³ptimo de excavaciÃ³n en suelos mixtos. Informes De La Construccion, 2020, 72, 344.	0.3	1
7	Semi-Automatic Identification and Pre-Screening of Geologicalâ€“Geotechnical Deformational Processes Using Persistent Scatterer Interferometry Datasets. Remote Sensing, 2019, 11, 1675.	4.0	49
8	Evaluation of the Improvement Effect of Limestone Powder Waste in the Stabilization of Swelling Clayey Soil. Sustainability, 2019, 11, 679.	3.2	44
9	Digital 3D Rocks: A Collaborative Benchmark for Learning Rocks Recognition. Rock Mechanics and Rock Engineering, 2019, 52, 4799-4806.	5.4	2
10	Clarification of the slope mass rating parameters assisted by SMRTool, an open-source software. Bulletin of Engineering Geology and the Environment, 2019, 78, 6131-6142.	3.5	17
11	Multi-Source Data Integration to Investigate a Deep-Seated Landslide Affecting a Bridge. Remote Sensing, 2019, 11, 1878.	4.0	11
12	Digital landform reconstruction using old and recent open access digital aerial photos. Geomorphology, 2019, 329, 206-223.	2.6	26
13	A multidisciplinary approach for the investigation of a rock spreading on an urban slope. Landslides, 2018, 15, 199-217.	5.4	23
14	Rockfall Simulation Based on UAV Photogrammetry Data Obtained during an Emergency Declaration: Application at a Cultural Heritage Site. Remote Sensing, 2018, 10, 1923.	4.0	57
15	Automatic Mapping of Discontinuity Persistence on Rock Masses Using 3D Point Clouds. Rock Mechanics and Rock Engineering, 2018, 51, 3005-3028.	5.4	42
16	Estudio comparativo del potencial de licuaciÃ³n de suelos usando las normas espaÃ±olas y el EurocÃ³digo. Boletin De La Sociedad Geologica Mexicana, 2018, 70, 761-778.	0.3	0
17	Identification of Rock Slope Discontinuity Sets from Laser Scanner and Photogrammetric Point Clouds: A Comparative Analysis. Procedia Engineering, 2017, 191, 838-845.	1.2	47
18	Relationship between Monitored Natural Slaking Behaviour, Field Degradation Behaviour and Slake Durability Test of Marly Flysch Rocks: Preliminary Results. Procedia Engineering, 2017, 191, 609-617.	1.2	7

#	Article	IF	Citations
19	Comparing manual and remote sensing field discontinuity collection used in kinematic stability assessment of failed rock slopes. International Journal of Rock Mechanics and Minings Sciences, 2017, 97, 24-32.	5.8	34
20	Deformational behaviours of alluvial units detected by advanced radar interferometry in the vega media of the segura river, southeast spain. Geografiska Annaler, Series A: Physical Geography, 2016, 98, 15-38.	1.5	2
21	Influence of Maritime Construction within Protected Archaeological Sites along Coastal Areas: Los BaÃ±os De La Reina (Alicante), Spain. Journal of Coastal Research, 2016, 33, 642.	0.3	1
22	Proposal of a New Parameter for the Weathering Characterization of Carbonate Flysch-Like Rock Masses: The Potential Degradation Index (PDI). Rock Mechanics and Rock Engineering, 2016, 49, 2623-2640.	5.4	13
23	Use of Tablet Pcs in Higher Education: A new Strategy for Training Engineers in European Bachelors and Masters Programmes. Procedia, Social and Behavioral Sciences, 2015, 191, 2753-2757.	0.5	6
24	New Approaches for Teaching Soil and Rock Mechanics Using Information and Communication Technologies. Procedia, Social and Behavioral Sciences, 2015, 191, 1644-1649.	0.5	6
25	An approach for characterising the weathering behaviour of Flysch slopes applied to the carbonatic Flysch of Alicante (Spain). Bulletin of Engineering Geology and the Environment, 2015, 74, 443-463.	3.5	14
26	Assessment of corrective measures for alleviating slope instabilities in carbonatic Flysch formations: Alicante (SE of Spain) case study. Bulletin of Engineering Geology and the Environment, 2013, 72, 509-522.	3.5	6
27	Characterization of the instability mechanisms affecting slopes on carbonatic Flysch: Alicante (SE) Tj ETQq1 1 0.784314 rgBT /Overlock	6.3	20
28	Monitoring an earthfill dam using differential SAR interferometry: La Pedrera dam, Alicante, Spain. Engineering Geology, 2013, 157, 21-32.	6.3	55
29	Discussion on â€œGIS-based kinematic slope instability and slope mass rating (SMR) maps: application to a railway route in Sivas (Turkey)â€•by IÅŸÄ±k Yilmaz, Marian Marschalko, Mustafa Yildirim, Emek Dereli and Martin Bednarik, Bulletin of Engineering Geology and the Environment 71 (2012), 351â€“357, doi:10.1007/s10064-011-0384-5. Bulletin of Engineering Geology and the Environment, 2013, 72, 143-145.	3.5	0
30	Subsidence damage assessment of a Gothic church using differential interferometry and field data. Structural Health Monitoring, 2012, 11, 751-762.	7.5	38
31	New insight into the slope mass rating geomechanical classification through four-dimensional visualization. International Journal of Rock Mechanics and Minings Sciences, 2012, 53, 64-69.	5.8	2
32	A graphical approach for slope mass rating (SMR). Engineering Geology, 2012, 124, 67-76.	6.3	52
33	Analysis of subsidence using TerraSAR-X data: Murcia case study. Engineering Geology, 2010, 116, 284-295.	6.3	62