

Omar Chavez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9323554/publications.pdf>

Version: 2024-02-01

16
papers

158
citations

1162889

8
h-index

1199470

12
g-index

16
all docs

16
docs citations

16
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	On the measure of land subsidence throughout DEM and orthomosaics using GPS and UAV. <i>Ingeniería Investigaci3n Y Tecnolog3a</i> , 2021, 22, 1-12.	0.2	3
2	Permeable Concrete Design for Heavy Metal Absorption in Sustainable Roads. <i>Tecnologia Y Ciencias Del Agua</i> , 2021, 12, 01-30.	0.1	0
3	Geotechnical Evaluation of Diesel Contaminated Clayey Soil. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6451.	1.3	8
4	An3lisis esfuerzo-deformaci3n de concreto reforzado con fibras met3licas y pol3meros. <i>Ingenier3a Investigaci3n Y Tecnolog3a</i> , 2021, 22, 1-11.	0.2	0
5	Evaluaci3n de la expansi3n en suelos presaturados. <i>Ingenier3a Investigaci3n Y Tecnolog3a</i> , 2021, 22, 1-14.	0.2	0
6	CBR Predictive Models for Granular Bases Using Physical and Structural Properties. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1414.	1.3	3
7	DWT-based methodology for detection of seismic precursors on electric field signals in Mexico. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 281-294.	2.0	0
8	Sensors Used in Structural Health Monitoring. <i>Archives of Computational Methods in Engineering</i> , 2018, 25, 901-918.	6.0	48
9	EMD-Shannon Entropy-Based Methodology to Detect Incipient Damages in a Truss Structure. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2068.	1.3	27
10	Modeling the Dependency of Soil-Water Retention Curve on Volumetric Deformation. <i>International Journal of Geomechanics</i> , 2017, 17, .	1.3	10
11	Modeling the Behavior of Expansive Soils Using Effective Stresses. <i>International Journal of Geomechanics</i> , 2017, 17, 04017062.	1.3	4
12	Electromagnetic attenuation of eight earthquakes registered in Mexico using FFT-based spectrum and <i>t</i> -test statistical analysis for ULF Q-R ratios signals. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 1207-1218.	2.0	1
13	Novel ST-MUSIC-based spectral analysis for detection of ULF geomagnetic signals anomalies associated with seismic events in Mexico. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 1162-1174.	2.0	9
14	Volumetric behavior of unsaturated soils. <i>Canadian Geotechnical Journal</i> , 2013, 50, 209-222.	1.4	15
15	Detection of electromagnetic anomalies of three earthquakes in Mexico with an improved statistical method. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 2021-2027.	1.5	15
16	Detection of ULF geomagnetic signals associated with seismic events in Central Mexico using Discrete Wavelet Transform. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 2557-2564.	1.5	15