

Carlos Diaz-Delgado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/595825/publications.pdf>

Version: 2024-02-01

42
papers

662
citations

623734

14
h-index

580821

25
g-index

42
all docs

42
docs citations

42
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Autocorrelation Ratio as a Measure of Inertia for the Classification of Extreme Events. Mathematics, 2022, 10, 2112.	2.2	1
2	Hydraulic analysis of a compound weir (triangular-rectangular) simulated with Computational Fluid Dynamics (CFD). Tecnologia Y Ciencias Del Agua, 2021, 12, 01-13.	0.3	1
3	Performance study of annular settler with gratings in circular aquaculture tank using computational fluid dynamics. Aquacultural Engineering, 2021, 92, 102143.	3.1	9
4	Influence of crest geometric on discharge coefficient efficiency of labyrinth weirs. Flow Measurement and Instrumentation, 2021, 81, 102031.	2.0	2
5	Seasonal Changes in Climate Variables in Rainfed Crop Areas in the Lerma-Chapala-Santiago Basin, Mexico. Advances in Meteorology, 2021, 2021, 1-12.	1.6	0
6	Proposal of a Mask and Its Performance Analysis with CFD for an Enhanced Aerodynamic Geometry That Facilitates Filtering and Breathing against COVID-19. Fluids, 2021, 6, 408.	1.7	4
7	Spatial Risk Distribution of Dengue Based on the Ecological Niche Model of Aedes aegypti (Diptera: Tj ETQq1 1 0.784314 rgBT /Overl	1.8	11
8	Proposal of a water management sustainability index for the 969 sub-basins of Mexico. Journal of Maps, 2020, 16, 432-444.	2.0	6
9	The Waterâ€“Energyâ€“Food Nexus in. World Water Resources, 2020, , 65-82.	0.4	2
10	Determinaci3n experimental de la rugosidad equivalente e inicio de movimiento para fondo uniforme. Tecnologia Y Ciencias Del Agua, 2020, 11, 105-157.	0.3	0
11	AnÃ¡lisis de los factores subyacentes constructores de vulnerabilidades ante riesgo de desastres en el Estado de MÃ©xico. Acta Hispanica, 2020, , 215-229.	0.1	0
12	Proposal and assessment of an aquaculture recirculation system for trout fed with harvested rainwater. Aquacultural Engineering, 2019, 87, 102021.	3.1	2
13	Use of structural systems analysis for the integrated water resources management in the Nenetzingo river watershed, Mexico. Land Use Policy, 2019, 87, 104029.	5.6	17
14	Seguridad hÃ¡drica en MÃ©xico: diagnÃ³stico general y desafÃ­os principales. IngenierÃ­a Del Agua, 2019, 23, 107.	0.4	18
15	Hydrological Evaluation of PERSIANN-CDR Rainfall over Upper Senegal River and Bani River Basins. Remote Sensing, 2018, 10, 1884.	4.0	10
16	Identification of Variations in the Climatic Conditions of the Lerma-Chapala-Santiago Watershed by Comparative Analysis of Time Series. Advances in Meteorology, 2018, 2018, 1-16.	1.6	4
17	Impacts of Climate Change on the Irrigation Districts of the Rio Bravo Basin. Water (Switzerland), 2018, 10, 258.	2.7	8
18	Design of optimal tank size for rainwater harvesting systems through use of a web application and geo-referenced rainfall patterns. Journal of Cleaner Production, 2017, 145, 323-335.	9.3	35

#	ARTICLE	IF	CITATIONS
19	Geoinformatics tool with an energy accounting approach for evaluating the sustainability of water systems: Case study of the Lerma river, Mexico. <i>Ecological Engineering</i> , 2017, 99, 436-453.	3.6	17
20	Socio-Ecological Regionalization of the Urban Sub-Basins in Mexico. <i>Water (Switzerland)</i> , 2017, 9, 14.	2.7	12
21	Integration of remote sensing techniques for monitoring desertification in Mexico. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1323-1340.	3.4	31
22	Regional analysis of climate variability at three time scales and its effect on rainfed maize production in the Upper Lerma River Basin, Mexico. <i>Agriculture, Ecosystems and Environment</i> , 2016, 225, 1-11.	5.3	9
23	Assessing desertification risk in the semi-arid highlands of central Mexico. <i>Journal of Arid Environments</i> , 2015, 120, 4-13.	2.4	76
24	Usos sociales del agua y medio ambiente en la cuenca internacional del río Colorado. <i>Research in Computing Science</i> , 2015, 27, .	0.1	1
25	Flood Risk Assessment in Humanitarian Logistics Process Design. <i>Journal of Applied Research and Technology</i> , 2014, 12, 976-984.	0.9	21
26	The establishment of integrated water resources management based on energy accounting. <i>Ecological Engineering</i> , 2014, 63, 72-87.	3.6	17
27	Territorial approach to increased energy consumption of water extraction from depletion of a highlands Mexican aquifer. <i>Journal of Environmental Management</i> , 2013, 128, 920-930.	7.8	6
28	COD fractionation and biological treatability of mixed industrial wastewaters. <i>Journal of Environmental Management</i> , 2012, 113, 71-77.	7.8	14
29	Validation and use of rainfall radar data to simulate water flows in the Rio Escondido basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 559-565.	4.0	11
30	Intercomparison of regional flood frequency estimation methods at ungauged sites for a Mexican case study. <i>Journal of Hydrology</i> , 2008, 348, 40-58.	5.4	93
31	Análisis experimental del efecto de la turbulencia en la velocidad de caída de sedimentos en suspensión. <i>Ingeniería Investigación Y Tecnología</i> , 2008, 9, 49-58.	0.1	1
32	Evaluation of distribution and bioavailability of Cr, Mn, Fe, Cu, Zn and Pb in the waters of the upper course of the Lerma River. <i>X-Ray Spectrometry</i> , 2007, 36, 361-368.	1.4	7
33	Evaluation of heavy metal and elemental composition of particles in suspended matter of the Upper Course of the Lerma River. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 625-633.	1.5	16
34	Suspended Sediment Concentrations Downstream of a Harvested Peat Bog: Analysis and Preliminary Modelling of Exceedances Using Logistic Regression. <i>Canadian Water Resources Journal</i> , 2006, 31, 139-156.	1.2	15
35	Distribution of mercury in the water and bottom sediment of the J.A. Alzate Dam, Mexico. <i>International Journal of Environment and Pollution</i> , 2006, 26, 174.	0.2	1
36	Major and trace elements in sediments of the upper course of Lerma river. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 270, 9-14.	1.5	14

#	ARTICLE	IF	CITATIONS
37	Gamma-Laguerre Formalism: Rigorous Approach and Application to Hydrologic Time Series. Journal of Hydrologic Engineering - ASCE, 2004, 9, 275-279.	1.9	4
38	Heavy metal distribution in bottom sediments of a Mexican reservoir. Aquatic Ecosystem Health and Management, 2002, 5, 205-216.	0.6	7
39	Environmental Effects of Aquifer Overexploitation: A Case Study in the Highlands of Mexico. Environmental Management, 2002, 29, 266-278.	2.7	56
40	Confidence Intervals of Quantiles in Hydrology Computed by an Analytical Method. Natural Hazards, 2001, 24, 1-12.	3.4	5
41	Heavy metal concentrations in water and bottom sediments of a Mexican reservoir. Science of the Total Environment, 1999, 234, 185-196.	8.0	95
42	Spatially Distributed Hydrological Modelling of a Western Africa Basin. , 0, , .		3