

# Xitlali Delgado-Galván

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1092687/publications.pdf>

Version: 2024-02-01

17  
papers

393  
citations

1162367

8  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving matrix consistency in AHP through linearization. <i>Applied Mathematical Modelling</i> , 2011, 35, 4449-4457.	2.2	72
2	Balancing consistency and expert judgment in AHP. <i>Mathematical and Computer Modelling</i> , 2011, 54, 1785-1790.	2.0	58
3	Improving consistency in AHP decision-making processes. <i>Applied Mathematics and Computation</i> , 2012, 219, 2432-2441.	1.4	50
4	An approach to AHP decision in a dynamic context. <i>Decision Support Systems</i> , 2012, 53, 499-506.	3.5	42
5	An analytic hierarchy process for assessing externalities in water leakage management. <i>Mathematical and Computer Modelling</i> , 2010, 52, 1194-1202.	2.0	38
6	Joint stakeholder decision-making on the management of the Silao-Romita aquifer using AHP. <i>Environmental Modelling and Software</i> , 2014, 51, 310-322.	1.9	36
7	An overview of leaks and intrusion for different pipe materials and failures. <i>Urban Water Journal</i> , 2014, 11, 1-10.	1.0	31
8	Consistent completion of incomplete judgments in decision making using AHP. <i>Journal of Computational and Applied Mathematics</i> , 2015, 290, 412-422.	1.1	28
9	Pathogen intrusion flows in water distribution systems: according to orifice equations. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2015, 64, 857-869.	0.6	9
10	Validation of a Computational Fluid Dynamics Model for a Novel Residence Time Distribution Analysis in Mixing at Cross-Junctions. <i>Water (Switzerland)</i> , 2018, 10, 733.	1.2	7
11	Optimal use of chlorine in water distribution networks based on specific locations of booster chlorination: analyzing conditions in Mexico. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 493-505.	1.0	5
12	Management priorities for aquifers in El Bajío in Guanajuato state, Mexico. <i>Water Policy</i> , 2018, 20, 1161-1175.	0.7	4
13	Water Supply Management Index: Leon, Guanajuato, Mexico. <i>Water (Switzerland)</i> , 2022, 14, 919.	1.2	4
14	Incomplete Mixing Model at Cross-Junctions in Epanet by Polynomial Equations. <i>Water (Switzerland)</i> , 2021, 13, 453.	1.2	3
15	Assessing Industrial Impact on Water Sustainability in El Bajío, Guanajuato State, Mexico. <i>Sustainability</i> , 2021, 13, 6161.	1.6	3
16	Optimal Placement and Operation of Chlorine Booster Stations: A Multi-Level Optimization Approach. <i>Energies</i> , 2021, 14, 5806.	1.6	3
17	CFD model of flow intrusion through a failure inside a pipe caused by negative pressure. , 2009, , 65-69.		0