

# William D Lawson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11752621/publications.pdf>

Version: 2024-02-01

17  
papers

105  
citations

1307594

7  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Laboratory Testing System to Study the Effect of Frost Heave on a Steel Pile. Geotechnical Testing Journal, 2022, 45, 548-570.	1.0	0
2	Variational approach for settlement analysis of circular plate on multilayered soil. Applied Mathematical Modelling, 2019, 70, 152-170.	4.2	6
3	Confidence intervals for resistance factors in geotechnical LRFD applications. Structural Safety, 2019, 80, 1-12.	5.3	8
4	Impact of Specialized Hauling Vehicles on Load Rating Older, Bridge-Class, Reinforced Concrete Box Culverts. Transportation Research Record, 2018, 2672, 87-100.	1.9	3
5	Pullout Behavior of Steel Mechanically Stabilized Earth Reinforcements. Transportation Research Record, 2018, 2672, 238-250.	1.9	2
6	Analysis of edge-to-center settlement ratio for circular storage tank foundation on elastic soil. Computers and Geotechnics, 2018, 102, 136-147.	4.7	10
7	Side-by-Side Correlation of Texas Cone Penetration and Standard Penetration Test Blowcount Values. Geotechnical and Geological Engineering, 2018, 36, 2769-2787.	1.7	2
8	Implementation of ultra high pressure water cutting for treatment of flushed chip seals in the US. International Journal of Pavement Engineering, 2017, 18, 36-46.	4.4	0
9	Modeling Factors Influencing Culvert Load Ratings: A Parametric Analysis. , 2017, , .		0
10	Selection of Soil Stiffnesses for the Load Rating of In-Service Culverts. , 2017, , .		2
11	Improved Load Rating of Reinforced-Concrete Box Culverts Using Depth-Calibrated Live-Load Attenuation. Journal of Bridge Engineering, 2016, 21, 04016095.	2.9	12
12	Ultrahigh-Pressure Watercutting Treatment of Flushed Chip Seals in the United States. Transportation Research Record, 2015, 2481, 75-82.	1.9	0
13	Evaluation of Production Models for Load Rating Reinforced Concrete Box Culverts. Journal of Bridge Engineering, 2015, 20, 04014057.	2.9	13
14	Pullout Resistance Factors for Steel MSE Reinforcements Embedded in Gravelly Backfill. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, .	3.0	13
15	Pullout Resistance Factors for Inextensible Mechanically Stabilized Earth Reinforcements in Sandy Backfill. Transportation Research Record, 2013, 2363, 21-29.	1.9	6
16	Developing and designing online engineering ethics instruction for international graduate students. Instructional Science, 2011, 39, 975-997.	2.0	8
17	Chip Seal Maintenance. Transportation Research Record, 2009, 2108, 61-68.	1.9	20