

# Norbert Delatte

## List of Publications by Year in descending order

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89  
papers

1,242  
citations

471061

17  
h-index

414034

32  
g-index

93  
all docs

93  
docs citations

93  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ronan Point Apartment Tower Collapse and its Effect on Building Codes. Journal of Performance of Constructed Facilities, 2005, 19, 172-177.	1.0	208
2	Effect of supplementary cementitious materials on the compressive strength and durability of short-term cured concrete. Cement and Concrete Research, 2004, 34, 311-319.	4.6	207
3	Collapse of 2000 Commonwealth Avenue: Punching Shear Case Study. Journal of Performance of Constructed Facilities, 2004, 18, 54-61.	1.0	85
4	Advancing concrete strength prediction using non-destructive testing: Development and verification of a generalizable model. Construction and Building Materials, 2016, 102, 762-768.	3.2	74
5	Another Look at Hartford Civic Center Coliseum Collapse. Journal of Performance of Constructed Facilities, 2001, 15, 31-36.	1.0	52
6	Field and Laboratory Evaluation of Pervious Concrete Pavements. Transportation Research Record, 2009, 2113, 132-139.	1.0	45
7	Steel Slag Aggregate Used in Portland Cement Concrete. Transportation Research Record, 2012, 2267, 37-42.	1.0	44
8	Failure Case Studies and Ethics in Engineering Mechanics Courses. Journal of Professional Issues in Engineering Education and Practice, 1997, 123, 111-116.	0.9	37
9	Forensics and Case Studies in Civil Engineering Education: State of the Art. Journal of Performance of Constructed Facilities, 2002, 16, 98-109.	1.0	36
10	Collapse of the Quebec Bridge, 1907. Journal of Performance of Constructed Facilities, 2006, 20, 84-91.	1.0	35
11	Lessons from Roman Cement and Concrete. Journal of Professional Issues in Engineering Education and Practice, 2001, 127, 109-115.	0.9	32
12	Another Look at the Collapse of Skyline Plaza at Bailey's Crossroads, Virginia. Journal of Performance of Constructed Facilities, 2013, 27, 354-361.	1.0	25
13	Using Gyrotory Compaction to Investigate Density and Mechanical Properties of Roller-Compacted Concrete. Transportation Research Record, 2003, 1834, 77-84.	1.0	24
14	Application of Nondestructive Evaluation to Subway Tunnel Systems. Transportation Research Record, 2003, 1845, 127-135.	1.0	23
15	Investigating Performance of Bonded Concrete Overlays. Journal of Performance of Constructed Facilities, 1998, 12, 62-70.	1.0	22
16	Another Look at the L'Ambiance Plaza Collapse. Journal of Performance of Constructed Facilities, 2000, 14, 160-165.	1.0	22
17	Roller-Compacted Concrete Mix Design Procedure with Gyrotory Compactor. Transportation Research Record, 2004, 1893, 46-52.	1.0	18
18	Using Failure Case Studies in Civil Engineering Education. , 2000, , 430.		16

#	ARTICLE	IF	CITATIONS
19	Failure literacy in structural engineering. Engineering Structures, 2010, 32, 1952-1954.	2.6	15
20	Statistical Modeling of Hydraulic and Mechanical Properties of Pervious Concrete Using Nondestructive Tests. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	15
21	Simplified Design of Roller-Compacted Concrete Composite Pavement. Transportation Research Record, 2004, 1896, 57-65.	1.0	14
22	Lessons from the Collapse of the Schoharie Creek Bridge. , 2003, , 158.		13
23	Implementation and Assessment of Failure Case Studies in the Engineering Curriculum. , 2012, , .		10
24	Effects of Density and Mixture Proportions on Freeze-Thaw Durability of Roller-Compacted Concrete Pavement. Transportation Research Record, 2005, 1914, 45-52.	1.0	9
25	Lessons from the Failure of the Teton Dam. , 2003, , 178.		8
26	Lessons from the Progressive Collapse of the Ronan Point Apartment Tower. , 2003, , 190.		8
27	Undergraduate Summer Research in Structural Engineering. Journal of Professional Issues in Engineering Education and Practice, 2004, 130, 37-43.	0.9	8
28	Implementation of Internal Curing in Transportation Concrete. Transportation Research Record, 2008, 2070, 1-7.	1.0	8
29	Mechanical Properties and Durability of Bonded-Concrete Overlays and Ultrathin Whitetopping Concrete. Transportation Research Record, 2003, 1834, 16-23.	1.0	7
30	Status of forensic engineering education in the United States. , 2009, , 575-584.		7
31	US and International Developments in Forensic Engineering and Education. , 2010, , .		5
32	An approach to forensic engineering education in the USA. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2012, 165, 123-129.	0.5	5
33	1976 Montreal Olympics: Case Study of Project Management Failure. Journal of Performance of Constructed Facilities, 2013, 27, 362-369.	1.0	5
34	Using Failure Case Studies To Address Civil Engineering Program And Bok Criteria. , 0, , .		4
35	Assessing The Impact Of Case Studies On The Civil Engineering And Engineering Mechanics Curriculum. , 0, , .		4
36	Full-Scale Test of High Early Strength Bonded Concrete Overlay Design and Construction Methods. Transportation Research Record, 1996, 1544, 9-16.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Discussion and Closure: Failure Case Studies and Ethics in Engineering Mechanics Courses. Journal of Professional Issues in Engineering Education and Practice, 1998, 124, 121-124.	0.9	3
38	Agricultural Product Loads and Warehouse Failures. Journal of Performance of Constructed Facilities, 2002, 16, 116-123.	1.0	3
39	Implementing forensics and failures in the civil engineering curriculum. , 2009, , 585-594.		3
40	Challenges of civil engineering megaprojects in North America. Proceedings of Institution of Civil Engineers: Management, Procurement and Law, 2017, 170, 161-166.	0.4	3
41	Using Models in Forensic Engineering: All Models Are Wrong, but Some Are Useful. Journal of Performance of Constructed Facilities, 2022, 36, .	1.0	3
42	Implementation and Assessment of Case Studies in a Freshman Engineering Program. , 0, , .		3
43	Assessing The Impact Of Failure Case Studies On The Civil Engineering And Engineering Mechanics Curriculum: Final Report. , 0, , .		3
44	Failure Case Studies In The Civil Engineering And Engineering Mechanics Curriculum: A New Textbook. , 0, , .		3
45	Using the Long Term Pavement Performance Database in Pavement Design Courses. Journal of Professional Issues in Engineering Education and Practice, 2002, 128, 176-186.	0.9	2
46	Using NDE to Evaluate the Condition of Subway Tunnel Systems. , 2003, , 329.		2
47	Failure of Cold-Formed Steel Beams during Concrete Placement. Journal of Performance of Constructed Facilities, 2005, 19, 178-181.	1.0	2
48	Field Comparison of NDE Methods for Tunnel Condition Assessment. , 2006, , 620.		2
49	APPLICATIONS OF SURFACE WAVE TESTING FOR STABILITY DETERMINATION OF EARTH-BOUND STRUCTURES. Experimental Techniques, 2007, 31, 20-24.	0.9	2
50	Systems for Structural Failure Investigations in the United States. , 2015, , .		2
51	Evolution of the ASCE civil engineering body of knowledge. Civil Engineering and Environmental Systems, 2020, 37, 244-252.	0.4	2
52	Performance Evaluation of Silane in Concrete Bridge Decks Using Transmission X-ray Microscopy. Applied Sciences (Switzerland), 2022, 12, 2557.	1.3	2
53	Using Failure Case Studies In Civil Engineering Courses. , 0, , .		2
54	Assessing The Impact Of Failure Case Studies On The Civil Engineering And Engineering Mechanics Curriculum: Phase II. , 0, , .		2

#	ARTICLE	IF	CITATIONS
55	Case Studies for Civil Engineering Educators. , 2005, , 1.		1
56	Accelerated Practices for Construction of Airfield Concrete Pavement. Transportation Research Record, 2007, 2007, 97-103.	1.0	1
57	Using Failure Case Studies to Teach Reinforced Concrete Design. , 2011, , .		1
58	Systems for Structural Failure Investigations in the United States. , 2016, , .		1
59	Results from Implementation and Assessment of Case Studies in the Engineering Curriculum. , 0, , .		1
60	Implementation And Assessment Of Case Studies In The Engineering Curriculum. , 0, , .		1
61	Educational Materials Development and Assessment for Engineering History and Heritage. , 0, , .		1
62	Closure to "Another look at the "Ambiance Plaza collapse," by Rachel Martin and Norbert J. Delatte. Journal of Performance of Constructed Facilities, 2002, 16, 43-43.	1.0	0
63	Standards for Scholarship in JPI Papers. Journal of Professional Issues in Engineering Education and Practice, 2003, 129, 69-69.	0.9	0
64	Best Paper Awards. Journal of Professional Issues in Engineering Education and Practice, 2007, 133, 1-1.	0.9	0
65	Review of Durability of Materials and Structures in Building and Civil Engineering by C. W. Yu and John W. Bull. Journal of Performance of Constructed Facilities, 2008, 22, 417-417.	1.0	0
66	Best Paper Award 2007. Journal of Professional Issues in Engineering Education and Practice, 2008, 134, 241-241.	0.9	0
67	Best Paper Award 2008. Journal of Professional Issues in Engineering Education and Practice, 2009, 135, 59-59.	0.9	0
68	2010 Best Paper Award. Journal of Professional Issues in Engineering Education and Practice, 2011, 137, 121-121.	0.9	0
69	Review of Handbook for Blast Resistant Design of Buildings, edited by Donald O. Dusenberry Handbook for Blast Resistant Design of Buildings Wiley 978-0-47017-054-0 \$150. Journal of Performance of Constructed Facilities, 2011, 25, 475-476.	1.0	0
70	2011 Best Paper Award. Journal of Professional Issues in Engineering Education and Practice, 2012, 138, 256-256.	0.9	0
71	Forensic Engineering Education Workshops: A Review of Experiences in the U.S. and in Latin America. , 2012, , .		0
72	Use of failure case studies in a construction management course. International Journal of Forensic Engineering, 2013, 1, 277.	0.1	0

#	ARTICLE	IF	CITATIONS
73	Review of Infrastructure Health in Civil Engineering, Volume I: Theory and Components, and Volume II: Applications and Management by Mohammed M. Ettouney and Sreenivas AlampalliCRC Press, Boca Raton, FL; 2011; ISBN 978-0-8493-2040-8 and 978-1-4398-6653-5, \$299.95.. Journal of Performance of Constructed Facilities, 2013, 27, 218-219.	1.0	0
74	Development, Field Testing, and Implementation of Improved Bridge Parapet Designs. Transportation Research Record, 2014, 2441, 46-52.	1.0	0
75	Transfer of Journal Editorship to Matthew Roberts. Journal of Professional Issues in Engineering Education and Practice, 2017, 143, 01617001.	0.9	0
76	Outstanding Journal Paper Award for 2018. Journal of Performance of Constructed Facilities, 2020, 34, 01620001.	1.0	0
77	Outstanding Journal Paper Award for 2019. Journal of Performance of Constructed Facilities, 2021, 35, 01221001.	1.0	0
78	Evaluation of Maintenance Procedures for Bridge Spalling on Parapet Walls. Transportation Research Record, 0, , 036119812210750.	1.0	0
79	The Role of Exposure to Failure Case Studies on Studentsâ€™ Technical and Professional Growth: A Mixed Method Approach. , 0, , .		0
80	Toward Continuous Improvement of EAC/ABET Criteria 3 and 5. , 0, , .		0
81	Student Projects in Engineering History and Heritage. , 0, , .		0
82	Department Head Perspectives on the Current CEPC and the BOK3. , 0, , .		0
83	Assessment Results: Incorporating Case Studies in the Civil Engineering Curriculum. , 0, , .		0
84	Re Engineering An Undergraduate Summer Research Site. , 0, , .		0
85	Developing Case Studies In Failures And Ethics For Engineering Educators. , 0, , .		0
86	Lessons Learned: Applications of Sustainability Rating Systems in Civil Engineering Capstone Design Courses. , 0, , .		0
87	Results from Implementation and Assessment of Case Studies in the Engineering Curriculum. , 0, , .		0
88	Implementation and Assessment of a Failure Case Study in a Multi-Discipline Freshman Introduction to Engineering Course. , 0, , .		0
89	Findings From Workshops On Failure Case Studies In The Civil Engineering And Engineering Mechanics Curriculum. , 0, , .		0