

# Eric N Landis

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

565  
citations

840585

11  
h-index

839398

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of UAV Hardware Options on Bridge Inspection Mission Capabilities. <i>Drones</i> , 2022, 6, 64.	2.7	11
2	Cellulose Nanocomposites for Performance Enhancement of Ordinary Portland Cement-Based Materials. <i>Transportation Research Record</i> , 2021, 2675, 11-20.	1.0	9
3	Hydration and Early Age Properties of Cement Pastes Modified with Cellulose Nanofibrils. <i>Transportation Research Record</i> , 2021, 2675, 38-46.	1.0	21
4	Development of Thermoplastic Composite Reinforced Ultra-High-Performance Concrete Panels for Impact Resistance. <i>Materials</i> , 2021, 14, 2490.	1.3	5
5	Growth Ring Orientation Effects in Transverse Softwood Fracture. <i>Materials</i> , 2021, 14, 5755.	1.3	1
6	Experimental investigations of internal energy dissipation during fracture of fiber-reinforced ultra-high-performance concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2019, 13, 190-200.	1.2	14
7	Confinement effects on fiber pullout forces for ultra-high-performance concrete. <i>Cement and Concrete Composites</i> , 2018, 91, 53-58.	4.6	16
8	A methodology for quantifying the impact of casting procedure on anisotropy in fiber-reinforced concrete using X-ray CT. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	1.3	33
9	An Investigation on the Effects of Cellulose Nanofibrils on the Performance of Cement Paste and Concrete. <i>Advances in Civil Engineering Materials</i> , 2018, 7, 463-478.	0.2	6
10	Acoustic emission characterization of failure mechanisms in oriented strand board using wavelet-based and unsupervised clustering methods. <i>Wood Science and Technology</i> , 2017, 51, 1433-1446.	1.4	8
11	Mechanical resilience and cementitious processes in Imperial Roman architectural mortar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18484-18489.	3.3	163
12	Acoustic emission measurements and lattice simulations of microfracture events in spruce. <i>Holzforschung</i> , 2010, 64, .	0.9	14
13	Nanocellulose and Microcellulose Fibers for Concrete. <i>Transportation Research Record</i> , 2010, 2142, 25-28.	1.0	100
14	Morphological lattice models for the simulation of softwood failure and fracture. <i>Holzforschung</i> , 2007, 61, 360-366.	0.9	13
15	Microstructural features of a mortar as seen by computed microtomography. <i>Materials and Structures/Materiaux Et Constructions</i> , 2007, 40, 989-993.	1.3	38
16	Toward a Physical Damage Variable for Concrete. <i>Journal of Engineering Mechanics - ASCE</i> , 2006, 132, 771-774.	1.6	9
17	Finite element techniques and models for wood fracture mechanics. <i>Wood Science and Technology</i> , 2005, 39, 3-17.	1.4	44
18	Coupled experiments and simulations of microstructural damage in wood. <i>Experimental Mechanics</i> , 2002, 42, 389-394.	1.1	46

#	ARTICLE	IF	CITATIONS
19	Coupled Experiments and Simulations of Microstructural Damage in Wood. <i>Experimental Mechanics</i> , 2002, 42, 389-394.	1.1	2
20	Acoustic Emissions and the Fracture Energy of Wood. , 2000, , 21.		11
21	A quantitative analysis of toughening mechanisms in steel fibre reinforced ultra-high-performance concrete through multimodal nondestructive evaluation. , 0, , .		0