

Michael Mulheron

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

162
citations

1163117

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure of small diameter cast iron pipes. <i>Urban Water</i> , 2002, 4, 263-271.	0.5	38
2	The fracture and fatigue properties of cast irons used for trunk mains in the water industry. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 5915-5923.	5.6	24
3	Two-dimensional correlation relaxation studies of cement pastes. <i>Magnetic Resonance Imaging</i> , 2007, 25, 470-473.	1.8	21
4	Weibull-based methodology for condition assessment of cast iron water mains and its application. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008, 31, 370-385.	3.4	16
5	On the condition assessment of cast iron trunk main: The effect of microstructure and in-service graphitisation on mechanical properties in flexure. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 576, 192-201.	5.6	14
6	Some observations on the strength and fatigue properties of samples extracted from cast iron water mains. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2009, 32, 916-925.	3.4	13
7	On the residual strength of aging cast iron trunk mains: Physically-based models for asset failure. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 663, 204-212.	5.6	12
8	Weibull analysis, extrapolations and implications for condition assessment of cast iron water mains. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2007, 30, 964-990.	3.4	11
9	Municipal solid waste as a resource: part 1 “specifying composition. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2015, 168, 101-114.	0.8	4
10	Municipal solid waste as a resource: part 2 “case study in sustainable management. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2015, 168, 115-130.	0.8	4
11	Investigating the Impact of COVID-19 Disruption on the Decarbonisation Agenda at Airports: Grounded or Ready for Take-Off?. <i>Sustainability</i> , 2021, 13, 12235.	3.2	4
12	Building Sustainability Impacts from the Bottom Up: Identifying Sustainability Impacts throughout a Geotechnical Company. <i>Sustainability</i> , 2021, 13, 11981.	3.2	1
13	Treatment of problematic waste: a case study using wood. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2019, 172, 118-137.	0.8	0