

Ciaran McNally

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

878
citations

516710

16
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a recycled polymer modified binder for use in stone mastic asphalt. Resources, Conservation and Recycling, 2008, 52, 1167-1174.	10.8	167
2	Influence of Recycled Asphalt Pavement on Fatigue Performance of Asphalt Concrete Base Courses. Journal of Materials in Civil Engineering, 2010, 22, 643-650.	2.9	67
3	Development of calcium sulfate-“ggbs”-Portland cement binders. Construction and Building Materials, 2009, 23, 340-346.	7.2	64
4	Performance of concrete incorporating GGBS in aggressive wastewater environments. Construction and Building Materials, 2012, 27, 368-374.	7.2	58
5	Effectiveness of amino alcohol-based surface-applied corrosion inhibitors in chloride-contaminated concrete. Cement and Concrete Research, 2007, 37, 972-977.	11.0	53
6	A study of the influence of slag alkali level on the alkali-“silica reactivity of slag concrete. Construction and Building Materials, 2005, 19, 661-665.	7.2	48
7	Developing maturity methods for the assessment of cold-mix bituminous materials. Construction and Building Materials, 2013, 38, 524-529.	7.2	48
8	A literature review of critical thinking in engineering education. Studies in Higher Education, 2019, 44, 816-828.	4.5	42
9	Probability-based assessment of the durability characteristics of concretes manufactured using CEM II and GGBS binders. Construction and Building Materials, 2012, 30, 22-29.	7.2	40
10	Replicating natural topography on marine artificial structures – A novel approach to eco-engineering. Ecological Engineering, 2021, 160, 106144.	3.6	36
11	Automatic innovative truss design using grammatical evolution. Automation in Construction, 2014, 39, 59-69.	9.8	31
12	Evolutionary design using grammatical evolution and shape grammars: designing a shelter. International Journal of Design Engineering, 2010, 3, 4.	0.3	29
13	A probabilistic assessment of the influence of age factor on the service life of concretes with limestone cement/GGBS binders. Construction and Building Materials, 2016, 111, 488-494.	7.2	28
14	A combined SEM-“Calorimetric approach for assessing hydration and porosity development in GGBS concrete. Cement and Concrete Composites, 2016, 68, 46-56.	10.7	25
15	Specification development for cold in-situ recycling of asphalt. Construction and Building Materials, 2016, 102, 318-328.	7.2	24
16	Shape grammars and grammatical evolution for evolutionary design. , 2009, , .		23
17	Modelling the quasi-static behaviour of bituminous material using a cohesive zone model. Engineering Fracture Mechanics, 2010, 77, 2403-2418.	4.3	21
18	Discrete Planar Truss Optimization by Node Position Variation Using Grammatical Evolution. IEEE Transactions on Evolutionary Computation, 2016, 20, 577-589.	10.0	17

#	ARTICLE	IF	CITATIONS
19	Evaluation of fatigue resistance in asphalt surface layers containing reclaimed asphalt. Construction and Building Materials, 2016, 128, 77-87.	7.2	15
20	Influence of concrete properties on the initial biological colonisation of marine artificial structures. Ecological Engineering, 2021, 159, 106104.	3.6	14
21	String-rewriting grammars for evolutionary architectural design. Environment and Planning B: Planning and Design, 2012, 39, 713-731.	1.7	12
22	The post-installed screw pull-out test: Development of a method for assessing in-situ concrete compressive strength. Journal of Building Engineering, 2021, 33, 101658.	3.4	8
23	Mix designs for cold recycled pavement materials considering local weather and traffic conditions. , 0, , .		4
24	Characterising Concrete Mixes for 3D Printing. RILEM Bookseries, 2020, , 83-92.	0.4	2
25	Recycling reclaimed road material in hydraulically bound layers. Proceedings of the Institution of Civil Engineers: Transport, 2015, 168, 276-287.	0.6	1
26	TEAMâ€™a Marie Curie ITN on Infrastructure Management. Procedia, Social and Behavioral Sciences, 2012, 48, 1683-1690.	0.5	0
27	Transient Vibrations of Railway Track Elements and the Influence of Support Conditions. Lecture Notes in Networks and Systems, 2018, , 724-738.	0.7	0
28	Experimental data on the development of â€™Post-installed Screw Pullout testâ€™ for in-situ investigation of concrete strength. Data in Brief, 2020, 32, 106190.	1.0	0
29	Post-installed screws for in-situ assessment of mortar strength. , 2017, , .		0