

Patricia Kara De Maeijer

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

580
citations

687363

13
h-index

642732

23
g-index

41
all docs

41
docs citations

41
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on Water Loss and Stiffness of CBTM Using Different RA Sources. RILEM Bookseries, 2022, , 11-17.	0.4	3
2	Effect of Aging on the Rheological Properties of Blends of Virgin and Rejuvenated RA Binders. RILEM Bookseries, 2022, , 3-10.	0.4	6
3	Recommendation of RILEM TC 264 RAP on the evaluation of asphalt recycling agents for hot mix asphalt. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	3.1	31
4	Experimental Determination, Correlation with Microanalyses, and Development of Simplified Prediction Models for Drying Shrinkage of Alkali-Activated Concrete. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	6
5	Cradle-to-Gate Life Cycle and Economic Assessment of Sustainable Concrete Mixesâ€™ Alkali-Activated Concrete (AAC) and Bacterial Concrete (BC). Infrastructures, 2021, 6, 104.	2.8	22
6	Crumb Rubber in Concreteâ€™The Barriers for Application in the Construction Industry. Infrastructures, 2021, 6, 116.	2.8	21
7	Effect of ultra-fine fly ash on concrete performance and durability. Construction and Building Materials, 2020, 263, 120493.	7.2	62
8	VOC Emission Analysis of Bitumen Using Proton-Transfer Reaction Time-Of-Flight Mass Spectrometry. Materials, 2020, 13, 3659.	2.9	18
9	Fundamental Approaches to Predict Moisture Damage in Asphalt Mixtures: State-of-the-Art Review. Infrastructures, 2020, 5, 20.	2.8	14
10	Fiber Optics Sensors in Asphalt Pavement: State-of-the-Art Review. Infrastructures, 2019, 4, 36.	2.8	34
11	Peat Fibers and Finely Ground Peat Powder for Application in Asphalt. Infrastructures, 2019, 4, 3.	2.8	6
12	Demonstrating Innovative Technologies for the Flemish Asphalt Sector in the CyPaTs Project. IOP Conference Series: Materials Science and Engineering, 2019, 471, 022031.	0.6	5
13	Peat as an Example of a Natural Fiber in Bitumen. RILEM Bookseries, 2019, , 300-305.	0.4	2
14	Improving Freezeâ€™Thaw Resistance of Concrete Road Infrastructure by Means of Superabsorbent Polymers. Infrastructures, 2018, 3, 4.	2.8	14
15	Fiber Bragg Grating Sensors in Three Asphalt Pavement Layers. Infrastructures, 2018, 3, 16.	2.8	18
16	Effect of superabsorbent polymers (SAP) on the freezeâ€™thaw resistance of concrete: results of a RILEM interlaboratory study. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	117
17	Recommendations and strategies for using reclaimed asphalt pavement in the Flemish Region based on a first life cycle assessment research. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012088.	0.6	8
18	Performance and Compatibility of Phosphonate-Based Superplasticizers for Concrete. Buildings, 2017, 7, 62.	3.1	22

#	ARTICLE	IF	CITATIONS
19	The use of a non-nuclear density gauge for monitoring the compaction process of asphalt pavement. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012014.	0.6	2
20	The Effect of Sodium Silicate on the Behaviour of Shotcretes for Tunnel Lining. Journal of Scientific Research and Reports, 2017, 14, 1-8.	0.2	2
21	Electric arc furnace granulated slag for sustainable concrete. Construction and Building Materials, 2016, 123, 115-119.	7.2	78
22	Performance Characteristics of Waste Glass Powder Substituting Portland Cement in Mortar Mixtures. IOP Conference Series: Materials Science and Engineering, 2016, 123, 012057.	0.6	3
23	Concrete manufactured with crushed asphalt as partial replacement of natural aggregates. Materiales De Construccion, 2016, 66, 101.	0.7	33
24	Performance of lamp glass waste powder (LGWP) as supplementary cementitious material (SCM) â€“ viscosity and electrical conductivity. Å%oÅtÅ‘anyag: Journal of Silicate Based and Composite Materials, 2015, 67, 12-18.	0.2	2
25	Performance of waste glass powder (WGP) supplementary cementitious material (SCM) â€“ Drying shrinkage and early age shrinkage cracking. Å%oÅtÅ‘anyag: Journal of Silicate Based and Composite Materials, 2014, 66, 18-22.	0.2	5
26	High Efficiency Ecological Concrete. Key Engineering Materials, 2014, 604, 157-160.	0.4	3
27	Recycling of Glass Wastes in Latvia â€“ Its Application as Cement Substitute in Self-Compacting Concrete. Journal of Sustainable Architecture and Civil Engineering, 2014, 6, .	0.5	2
28	Improving Quality of High Performance Concrete by Cavitation Treatment of the Raw Materials. Procedia Engineering, 2013, 57, 597-604.	1.2	1
29	Performance of waste glass powder (WGP) supplementary cementitious material (SCM) â€“ Workability and compressive strength. Å%oÅtÅ‘anyag: Journal of Silicate Based and Composite Materials, 2013, 65, 90-94.	0.2	4
30	Application of Peat, Wood Processing and Agricultural Industry By-products in Producing the Insulating Building Materials. Journal of Sustainable Architecture and Civil Engineering, 2013, 1, .	0.5	6
31	Investigation of Thermal Properties of Cement Paste with Fluorescent Lamp Glass Waste, Glass Cullet and Coal/Wood Ashes. Journal of Sustainable Architecture and Civil Engineering, 2013, 2, .	0.5	2
32	The usage of fluorescent waste glass powder in concrete. Construction Science, 2012, 13, .	0.1	5
33	Evaluation of properties of concrete incorporating ash as mineral admixtures. Construction Science, 2012, 13, .	0.1	9
34	Recycled Aggregate Concrete with Fluorescent Waste Glass and Coal/Wood Ash Concrete Wastes. Journal of Sustainable Architecture and Civil Engineering, 2012, 1, .	0.5	0
35	The Rheological and Mechanical Performances of Concrete Manufactured with Blended Admixtures Based on Phosphonates. Key Engineering Materials, 0, 674, 159-164.	0.4	12
36	Comparative Study on (Non-)Destructive Techniques for On-Site Strength and Durability Assessment of Limestone Based Concrete Slabs. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	High-Temperature, Bond, and Environmental Impact Assessment of Alkali-Activated Concrete (AAC). , 0 , .		0