

# Mario de Rooij

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

570  
citations

1040056

9  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-healing behavior of strain hardening cementitious composites incorporating local waste materials. Cement and Concrete Composites, 2009, 31, 613-621.	10.7	243
2	Self-Healing Phenomena in Cement-Based Materials. RILEM State-of-the-Art Reports, 2013, , .	0.7	138
3	NaCl crystallization in restoration plasters. Construction and Building Materials, 2009, 23, 1736-1742.	7.2	35
4	Analysis of iron oxides accumulating at the interface between aggregates and cement paste. Cement and Concrete Research, 2000, 30, 1941-1945.	11.0	29
5	The Effect of Cracks on Chloride Penetration into Concrete. Key Engineering Materials, 2007, 348-349, 769-772.	0.4	26
6	Guide to Diagnosis and Appraisal of AAR Damage to Concrete in Structures. RILEM State-of-the-Art Reports, 2013, , .	0.7	19
7	Dynamic volume change measurements of cereal materials by environmental scanning electron microscopy and videomicroscopy. Journal of Microscopy, 2008, 230, 100-107.	1.8	18
8	Alkali-Aggregate Reaction in Concrete. , 0, , .		7
9	Volume Change Measurements of Rice by Environmental Scanning Electron Microscopy and Stereoscopy. Scanning, 2007, 29, 197-205.	1.5	6
10	Numerical model of Ca(OH) <sub>2</sub> transport in concrete due to electrical currents. Materials and Corrosion - Werkstoffe Und Korrosion, 2010, 61, 518-523.	1.5	5
11	INFLUENCE OF THE POROSITY ON THE 222RN EXHALATION RATE OF CONCRETE. Health Physics, 2011, 100, 127-137.	0.5	5
12	Active thin sections to study syneresis11This paper was originally submitted to Advanced Cement Based Materials. The paper was received at the Editorial Office of Cement and Concrete Research on 3 November 1998 and accepted in final form on 16 November 1998.. Cement and Concrete Research, 1999, 29, 281-285.	11.0	4
13	Experimental Techniques Used to Verify Healing. RILEM State-of-the-Art Reports, 2013, , 19-63.	0.7	3
14	Diagnosis of alkali- aggregate reaction in practice. Proceedings of Institution of Civil Engineers: Construction Materials, 2016, 169, 154-161.	1.1	2
15	The Effect of Cracks on Chloride Penetration into Concrete. Key Engineering Materials, 0, , 769-772.	0.4	2
16	Measurement of Moisture Migration Kinetics in Environmental Scanning Electron Microscopy. Materials Research Society Symposia Proceedings, 2006, 982, 1.	0.1	0
17	Dynamic Volume Change Measurement in Environmental Scanning Electron Microscope. Microscopy and Microanalysis, 2006, 12, 1500-1501.	0.4	0
18	Moisture flow by micro structural contraction. Materials and Structures/Materiaux Et Constructions, 2006, 39, 869-876.	3.1	0

#	ARTICLE	IF	CITATIONS
19	Risk-based asset management of a navigation network. IABSE Symposium Report, 2013, , .	0.0	0
20	Symptoms of an Expansive Reaction during Routine Inspection. RILEM State-of-the-Art Reports, 2013, , 19-30.	0.7	0
21	Confirmation Investigation. RILEM State-of-the-Art Reports, 2013, , 31-63.	0.7	0