

# Aveline Darquennes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1753548/publications.pdf>

Version: 2024-02-01

19  
papers

915  
citations

758635

12  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

817  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Self-Healing Concrete for Damage Management of Structures. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800074.	1.9	412
2	Effect of autogenous deformation on the cracking risk of slag cement concretes. <i>Cement and Concrete Composites</i> , 2011, 33, 368-379.	4.6	101
3	Modeling basic creep in concrete at early-age under compressive and tensile loading. <i>Nuclear Engineering and Design</i> , 2014, 269, 222-230.	0.8	88
4	Self-healing at early-age, a way to improve the chloride resistance of blast-furnace slag cementitious materials. <i>Construction and Building Materials</i> , 2016, 113, 1017-1028.	3.2	47
5	Determination of time-zero and its effect on autogenous deformation evolution. <i>European Journal of Environmental and Civil Engineering</i> , 2011, 15, 1017-1029.	1.0	39
6	How to assess the hydration of slag cement concretes?. <i>Construction and Building Materials</i> , 2013, 40, 1012-1020.	3.2	37
7	Early age deformations of concrete with high content of mineral additions. <i>Construction and Building Materials</i> , 2011, 25, 1836-1847.	3.2	32
8	Faulting and deformation in chalk. <i>Journal of Structural Geology</i> , 2009, 31, 194-207.	1.0	28
9	Long-term deformations and cracking risk of concrete with high content of mineral additions. <i>Materials and Structures/Materiaux Et Constructions</i> , 2012, 45, 1705-1716.	1.3	27
10	Influence of slurried silica fume on microstructure and tritiated water diffusivity of cement pastes. <i>Construction and Building Materials</i> , 2017, 132, 85-93.	3.2	27
11	Early-Age Self-Healing of Cementitious Materials Containing Ground Granulated Blast-Furnace Slag under Water Curing. <i>Journal of Advanced Concrete Technology</i> , 2016, 14, 717-727.	0.8	25
12	Behaviour of slag cement concrete under restraint conditions. <i>European Journal of Environmental and Civil Engineering</i> , 2011, 15, 787-798.	1.0	18
13	Identifying the mechanisms of concrete drying: An experimental-numerical approach. <i>Construction and Building Materials</i> , 2020, 230, 117001.	3.2	10
14	Effects of the air-steam mixture on the permeability of damaged concrete. <i>Cement and Concrete Research</i> , 2013, 54, 98-105.	4.6	8
15	Effect of aggregates on the diffusion properties and microstructure of cement with slurried silica fume based materials. <i>Cement and Concrete Composites</i> , 2016, 70, 86-97.	4.6	8
16	Restrained shrinkage of massive reinforced concrete structures: results of the project CEOS.fr. <i>European Journal of Environmental and Civil Engineering</i> , 2016, 20, 785-808.	1.0	6
17	Determination of time-zero and its effect on autogenous deformation evolution. <i>European Journal of Environmental and Civil Engineering</i> , 2011, 15, 1017-1029.	1.0	1
18	Experimental Study on the Effects of Aggregates Restraint on the Delayed Behavior of Cementitious Materials. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	The analysis of cracking risk by shrinkage restraint of an alkali-activated slag mortar. MATEC Web of Conferences, 2020, 322, 01038.	0.1	0