Shiho Kawashima

List of Publications by Year
in descending order

21	2,759	394286 19	713332 21
papers	citations	h-index	g-index

21	21	21	1905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Mechanical Performance of Compacted Magnesium Hydroxide after Carbonation Curing. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	2
2	CO₂ utilization in built environment via the P_{CO2} swing carbonation of alkaline solid wastes with different mineralogy. Faraday Discussions, 2021, 230, 187-212.	1.6	20
3	Physicochemical effects of nanosilica on C₃A/C₃S hydration. Journal of the American Ceramic Society, 2020, 103, 6505-6518.	1.9	22
4	Recent advances on yield stress and elasticity of fresh cement-based materials. Cement and Concrete Research, 2019, 124, 105798.	4.6	109
5	Experimental and modeling study on the non-linear structural build-up of fresh cement pastes incorporating viscosity modifying admixtures. Cement and Concrete Research, 2018, 108, 1-9.	4.6	136
6	Distinguishing dynamic and static yield stress of fresh cement mortars through thixotropy. Cement and Concrete Composites, 2018, 86, 288-296.	4.6	165
7	Influence of Steel and Macro-Synthetic Fibers on Concrete Properties. Fibers, 2018, 6, 47.	1.8	83
8	Hydration and rheology control of concrete for digital fabrication: Potential admixtures and cement chemistry. Cement and Concrete Research, 2018, 112, 96-110.	4.6	332
9	Rheology of cement paste under high pressure. Cement and Concrete Composites, 2017, 77, 60-67.	4.6	46
10	Use of creep recovery protocol to measure static yield stress and structural rebuilding of fresh cement pastes. Cement and Concrete Research, 2016, 90, 73-79.	4.6	112
11	Flow onset of fresh mortars in rheometers: Contribution of paste deflocculation and sand particle migration. Cement and Concrete Research, 2016, 90, 97-103.	4.6	42
12	Dispersion of CaCO3 nanoparticles by sonication and surfactant treatment for application in fly ashâ€“cement systems. Materials and Structures/Materiaux Et Constructions, 2014, 47, 1011-1023.	1.3	108
13	Influence of kaolinite clay on the chloride diffusion property of cement-based materials. Cement and Concrete Composites, 2014, 45, 117-124.	4.6	61
14	Influence of purified attapulgite clays on the adhesive properties of cement pastes as measured by the tack test. Cement and Concrete Composites, 2014, 48, 35-41.	4.6	67
15	Rate of thixotropic rebuilding of cement pastes modified with highly purified attapulgite clays. Cement and Concrete Research, 2013, 53, 112-118.	4.6	111
16	Modification of cement-based materials with nanoparticles. Cement and Concrete Composites, 2013, 36, 8-15.	4.6	425
17	Effects of colloidal nanosilica on rheological and mechanical properties of fly ashâ€“cement mortar. Cement and Concrete Composites, 2013, 35, 12-22.	4.6	245
18	Effects of colloidal nanoSiO2 on fly ash hydration. Cement and Concrete Composites, 2012, 34, 1095-1103.	4.6	182

#	Article	IF	Citations
19	Interfacial transition zones in recycled aggregate concrete with different mixing approaches. Construction and Building Materials, 2012, 35, 1045-1055.	3.2	279
20	Study of the mechanisms underlying the fresh-state response of cementitious materials modified with nanoclays. Construction and Building Materials, 2012, 36, 749-757.	3.2	103
21	Early-age autogenous and drying shrinkage behavior of cellulose fiber-reinforced cementitious materials. Cement and Concrete Composites, 2011, 33, 201-208.	4.6	109