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Effects of packing density, excess water and solid surface area on flowability of cement paste

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#	Paper	IF	Citations
98	Role of water film thickness in rheology of CSF mortar. <i>Cement and Concrete Composites</i> , <b>2010</b> , 32, 255-264	2.6	70
97	Water film thickness, flowability and rheology of cement-based mortar. <i>Advances in Cement Research</i> , <b>2010</b> , 22, 3-14	1.8	73
96	Recent advances in the field of cement hydration and microstructure analysis. <i>Cement and Concrete Research</i> , <b>2011</b> , 41, 666-678	10.3	122
95	Mortar design based on water film thickness. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 2381-2390	6.7	60
94	Influence of Temperature on the Absorption Behaviour between Cement and Asphalt Emulsion in CA Mortar. <i>Advanced Materials Research</i> , <b>2011</b> , 295-297, 939-944	0.5	1
93	Effects of Condensed Silica Fume and Superfine Cement on Flowability of Cement Paste. <i>Applied Mechanics and Materials</i> , <b>2011</b> , 121-126, 2695-2700	0.3	1
92	Wet Packing Method for Blended Aggregate and Concrete Mix. <b>2012</b> ,		1
91	Rheological Behavior of Fresh Cement Asphalt Mortar. <b>2012</b> ,		1
90	Effects of superplasticiser on rheology and cohesiveness of CSF cement paste. <i>Advances in Cement Research</i> , <b>2012</b> , 24, 125-137	1.8	30
89	Effects of CSF on strength, rheology and cohesiveness of cement paste. <i>Construction and Building Materials</i> , <b>2012</b> , 35, 979-987	6.7	23
88	Wet packing of blended fine and coarse aggregate. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2012</b> , 45, 817-828	3.4	37
87	Combined effects of water film thickness and paste film thickness on rheology of mortar. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2012</b> , 45, 1359-1374	3.4	60
86	Roles of Packing Density and Water Film Thickness in Rheology and Strength of Cement Paste. <i>Journal of Advanced Concrete Technology</i> , <b>2012</b> , 10, 332-344	2.3	12
85	Superfine cement for improving packing density, rheology and strength of cement paste. <i>Cement and Concrete Composites</i> , <b>2012</b> , 34, 1-10	8.6	68
84	Roles of water film thickness and SP dosage in rheology and cohesiveness of mortar. <i>Cement and Concrete Composites</i> , <b>2012</b> , 34, 121-130	8.6	59
83	Aerial lime-based mortars blended with a pozzolanic additive and different admixtures: A mineralogical, textural and physical-mechanical study. <i>Construction and Building Materials</i> , <b>2012</b> , 31, 135-143	6.7	68
82	Roles of water film thickness in fresh and hardened properties of mortar. <i>Advances in Cement Research</i> , <b>2013</b> , 25, 171-182	1.8	11

81	Effects of fly ash microsphere on rheology, adhesiveness and strength of mortar. <i>Construction and Building Materials</i> , <b>2013</b> , 42, 137-145	6.7	53
80	Adding fly ash microsphere to improve packing density, flowability and strength of cement paste. <i>Powder Technology</i> , <b>2013</b> , 234, 19-25	5.2	101
79	Influence of Ground Slag on the Rheology of Mortar. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 438-439, 67-71	0.3	
78	Ternary blending of cement with fly ash microsphere and condensed silica fume to improve the performance of mortar. <i>Cement and Concrete Composites</i> , <b>2014</b> , 49, 26-35	8.6	38
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63	Evaluating the distance between particles in fresh cement paste based on the yield stress and particle size. <i>Construction and Building Materials</i> , <b>2017</b> , 142, 109-116	6.7	35
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61	Limestone and silica fume to improve concurrent flowability and segregation limits of concrete. <i>Magazine of Concrete Research</i> , <b>2017</b> , 69, 1189-1202	2	10
60	Filler to improve concurrent flowability and segregation performance of concrete. <i>Australian Journal of Structural Engineering</i> , <b>2017</b> , 18, 73-85	1.4	8
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53	Fillers to improve passing ability of concrete. <i>Structural Concrete</i> , <b>2019</b> , 20, 185-197	2.6	75
52	Study on the interaction mechanism in the hardening process of cement-asphalt mortar. <i>Construction and Building Materials</i> , <b>2019</b> , 227, 116663	6.7	8
51	Effects of fineness and substitution ratio of limestone powder on yield stress of cement suspensions. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2019</b> , 52, 1	3.4	8
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32	Importance and potential of cellulosic materials and derivatives in extrusion-based 3D concrete printing (3DCP): Prospects and challenges. <i>Construction and Building Materials</i> , <b>2021</b> , 291, 123281	6.7	5
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