Leslie J Struble

List of Publications by Year
in descending order

26	873	516561 16	610775 24
papers	citations	h-index	g-index

26	26	26	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation of ASR gel and the roles of C-S-H and portlandite. Cement and Concrete Research, 2004, 34, 1683-1696.	4.6	146
2	Structural Investigations of Alkali Silicate Gels. Journal of the American Ceramic Society, 2005, 88, 943-949.	1.9	98
3	Effects of calcium on setting mechanism of metakaolinâ€based geopolymer. Journal of the American Ceramic Society, 2018, 101, 957-968.	1.9	74
4	Effect of calciumâ€“silicon ratio on microstructure and nanostructure of calcium silicate hydrate synthesized by reaction of fumed silica and calcium oxide at room temperature. Materials and Structures/Materiaux Et Constructions, 2014, 47, 311-322.	1.3	68
5	Method to Stop Geopolymer Reaction. Journal of the American Ceramic Society, 2014, 97, 3270-3275.	1.9	63
6	Setting and nanostructural evolution of metakaolin geopolymer. Journal of the American Ceramic Society, 2017, 100, 2285-2295.	1.9	49
7	Effect of C/S ratio on morphology and structure of hydrothermally synthesized calcium silicate hydrate. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 770-773.	0.4	48
8	Synthesis of high strength binders from alkali activation of glass materials from municipal solid waste incineration bottom ash. Journal of Cleaner Production, 2019, 212, 261-269.	4.6	39
9	Optimization of material characteristics of macro-defect free cement. Cement and Concrete Composites, 2012, 34, 556-565.	4.6	38
10	Overview of Geopolymer Cement. , 2013, , 1-10.		29
11	Quantitative characterization of aluminosilicate gels in alkali-activated incineration bottom ash through sequential chemical extractions and deconvoluted nuclear magnetic resonance spectra. Cement and Concrete Composites, 2019, 99, 175-180.	4.6	27
12	Microstructural characteristics of lime-pozzolan pastes made from kaolin production wastes. Materials and Structures/Materiaux Et Constructions, 2015, 48, 2123-2132.	1.3	25
13	The effect of water on maleic acid and salicylic acid extractions. Cement and Concrete Research, 1985, 15, 631-636.	4.6	20
14	Using ultrasonic wave reflection to measure solution properties. Ultrasonics Sonochemistry, 2010, 17, 266-272.	3.8	19
15	Effect of synthesis procedure on carbonation of calciumâ€silicateâ€hydrate. Journal of the American Ceramic Society, 2017, 100, 3736-3745.	1.9	19
16	Flocculation and sedimentation in suspensions using ultrasonic wave reflection. Journal of the Acoustical Society of America, 2011, 129, 2944-2951.	0.5	17
17	Quantitative Correlation between the Degree of Reaction and Compressive Strength of Metakaolin-Based Geopolymers. Materials, 2020, 13, 5784.	1.3	17
18	Application of ultrasonic P-wave reflection to measure development of early-age cement-paste properties. Materials and Structures/Materiaux Et Constructions, 2013, 46, 987-997.	1.3	16

#	Article	IF	Citations
19	Microstructural Changes Due to Alkali-Silica Reaction during Standard Mortar Test. Materials, 2015, 8, 8292-8303.	1.3	16
20	Using ultrasonic wave reflection to monitor false set of cement paste. Cement and Concrete Composites, 2017, 84, 10-18.	4.6	13
21	State of the art of macro-defect-free composites. Journal of Materials Science, 2018, 53, 10595-10616.	1.7	8
22	Set Time Measurements of Self-Compacting Pastes and Concretes Using Ultrasonic Wave Reflection. Journal of Materials in Civil Engineering, 2015, 27, .	1.3	7
23	Monitoring Setting of Geopolymers. Advances in Civil Engineering Materials, 2014, 3, 177-192.	0.2	7
24	Using Rheology to Achieve Coâ€Extrusion of Cementâ€Based Materials with Graded Cellular Structures. International Journal of Applied Ceramic Technology, 2008, 5, 513-521.	1.1	6
25	Cement-Dispersant Incompatibility due to Ettringite Bridging. Journal of the American Ceramic Society, 2011, 94, 200-208.	1.9	4
26	Carbonation of Dolomitic Type S Lime-Based Masonry Mortars. , 2014, , 298-318.		0