

# Leslie J Struble

## List of Publications by Year in descending order

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26  
papers

873  
citations

516710  
16  
h-index

610901  
24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Correlation between the Degree of Reaction and Compressive Strength of Metakaolin-Based Geopolymers. <i>Materials</i> , 2020, 13, 5784.	2.9	17
2	Quantitative characterization of aluminosilicate gels in alkali-activated incineration bottom ash through sequential chemical extractions and deconvoluted nuclear magnetic resonance spectra. <i>Cement and Concrete Composites</i> , 2019, 99, 175-180.	10.7	27
3	Synthesis of high strength binders from alkali activation of glass materials from municipal solid waste incineration bottom ash. <i>Journal of Cleaner Production</i> , 2019, 212, 261-269.	9.3	39
4	State of the art of macro-defect-free composites. <i>Journal of Materials Science</i> , 2018, 53, 10595-10616.	3.7	8
5	Effects of calcium on setting mechanism of metakaolin-based geopolymer. <i>Journal of the American Ceramic Society</i> , 2018, 101, 957-968.	3.8	74
6	Effect of synthesis procedure on carbonation of calcium-silicate-hydrate. <i>Journal of the American Ceramic Society</i> , 2017, 100, 3736-3745.	3.8	19
7	Setting and nanostructural evolution of metakaolin geopolymer. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2285-2295.	3.8	49
8	Using ultrasonic wave reflection to monitor false set of cement paste. <i>Cement and Concrete Composites</i> , 2017, 84, 10-18.	10.7	13
9	Microstructural Changes Due to Alkali-Silica Reaction during Standard Mortar Test. <i>Materials</i> , 2015, 8, 8292-8303.	2.9	16
10	Set Time Measurements of Self-Compacting Pastes and Concretes Using Ultrasonic Wave Reflection. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	7
11	Microstructural characteristics of lime-pozzolan pastes made from kaolin production wastes. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2123-2132.	3.1	25
12	Method to Stop Geopolymer Reaction. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3270-3275.	3.8	63
13	Effect of calcium-silicon ratio on microstructure and nanostructure of calcium silicate hydrate synthesized by reaction of fumed silica and calcium oxide at room temperature. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 311-322.	3.1	68
14	Monitoring Setting of Geopolymers. <i>Advances in Civil Engineering Materials</i> , 2014, 3, 177-192.	0.6	7
15	Carbonation of Dolomitic Type S Lime-Based Masonry Mortars. , 2014, , 298-318.		0
16	Application of ultrasonic P-wave reflection to measure development of early-age cement-paste properties. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 987-997.	3.1	16
17	Overview of Geopolymer Cement. , 2013, , 1-10.		29
18	Optimization of material characteristics of macro-defect free cement. <i>Cement and Concrete Composites</i> , 2012, 34, 556-565.	10.7	38

#	ARTICLE	IF	CITATIONS
19	Cement-Dispersant Incompatibility due to Ettringite Bridging. Journal of the American Ceramic Society, 2011, 94, 200-208.	3.8	4
20	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.	1.0	48
21	Flocculation and sedimentation in suspensions using ultrasonic wave reflection. Journal of the Acoustical Society of America, 2011, 129, 2944-2951.	1.1	17
22	Using ultrasonic wave reflection to measure solution properties. Ultrasonics Sonochemistry, 2010, 17, 266-272.	8.2	19
23	Using Rheology to Achieve Co-Extrusion of Cement-Based Materials with Graded Cellular Structures. International Journal of Applied Ceramic Technology, 2008, 5, 513-521.	2.1	6
24	Structural Investigations of Alkali Silicate Gels. Journal of the American Ceramic Society, 2005, 88, 943-949.	3.8	98
25	Formation of ASR gel and the roles of C-S-H and portlandite. Cement and Concrete Research, 2004, 34, 1683-1696.	11.0	146
26	The effect of water on maleic acid and salicylic acid extractions. Cement and Concrete Research, 1985, 15, 631-636.	11.0	20