

# Luc J Vandepierre

## List of Publications by Year in descending order

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12  
papers

685  
citations

1163117

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1372567

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docs citations

12  
times ranked

706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient Temperature Drying Shrinkage and Cracking in Metakaolin-Based Geopolymers. Journal of the American Ceramic Society, 2012, 95, 3270-3277.	3.8	218
2	Formation of magnesium silicate hydrate (M-S-H) cement pastes using sodium hexametaphosphate. Cement and Concrete Research, 2014, 65, 8-14.	11.0	202
3	Role of sodium hexametaphosphate in MgO/SiO <sub>2</sub> cement pastes. Cement and Concrete Research, 2016, 89, 63-71.	11.0	62
4	Thermal Shock of Layered Ceramic Structures with Crack-Deflecting Interfaces. Journal of the American Ceramic Society, 2001, 84, 104-110.	3.8	60
5	Magnesium-silicate-hydrate cements for encapsulating problematic aluminium containing wastes. Journal of Sustainable Cement-Based Materials, 2012, 1, 34-45.	3.1	51
6	The effect of porosity in thermal shock. Journal of Materials Science, 2008, 43, 4099-4106.	3.7	39
7	Control of drying shrinkage in magnesium silicate hydrate (m-s-h) gel mortars. Cement and Concrete Research, 2016, 88, 36-42.	11.0	28
8	Graceful Failure of Laminated Ceramic Tubes produced by Electrophoretic Deposition. Journal of the European Ceramic Society, 1998, 18, 1915-1921.	5.7	18
9	Measurement of Crystal Lattice Rotations under Nanoindenters in Copper. Materials Research Society Symposia Proceedings, 2004, 841, R1.3.1.	0.1	5
10	Self-Driven Cracking by Crack-Face Cooling During Thermal Shock Testing of Ceramics. Journal of the American Ceramic Society, 2011, 94, 1552-1555.	3.8	2
11	Maximum pore volume fraction and size for high fracture energy in porous bodies. Materials Research Society Symposia Proceedings, 2002, 759, 1.	0.1	0
12	An analytical approach for relating hardness and yield strength for materials with high ratio of yield strength to Young modulus. Materials Research Society Symposia Proceedings, 2004, 841, R11.10.1.	0.1	0