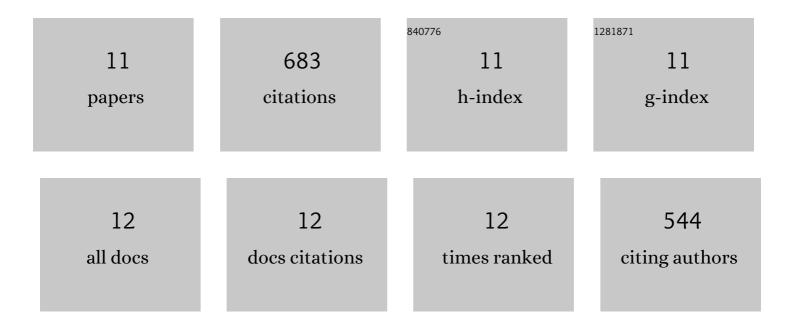
## Jan Gm Van Mier

List of Publications by Year in descending order

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IAN CM VAN MIED

#	Article	IF	CITATIONS
1	Fracture mechanisms in particle composites: statistical aspects in lattice type analysis. Mechanics of Materials, 2002, 34, 705-724.	3.2	158
2	Experimental investigation of size effect in concrete and sandstone under uniaxial tension. Engineering Fracture Mechanics, 2000, 65, 165-188.	4.3	144
3	Experimental and numerical study on the behavior of concrete subjected to biaxial tension and shear. Advanced Cement Based Materials, 1993, 1, 22-37.	0.3	74
4	Effect of strain gradients on the size effect of concrete in uniaxial tension. International Journal of Fracture, 1999, 95, 195-219.	2.2	54
5	Analysis of compressive fracture of three different concretes by means of 3D-digital image correlation and vacuum impregnation. Cement and Concrete Composites, 2010, 32, 281-290.	10.7	47
6	Influence of particle density on 3D size effects in the fracture of (numerical) concrete. Mechanics of Materials, 2008, 40, 470-486.	3.2	45
7	Geometrical and structural aspects of concrete fracture. Engineering Fracture Mechanics, 1990, 35, 617-628.	4.3	37
8	Numerical simulation of chaotic and self-organizing damage in brittle disordered materials. Computer Methods in Applied Mechanics and Engineering, 1997, 142, 189-201.	6.6	33
9	Framework for a generalized four-stage fracture model of cement-based materials. Engineering Fracture Mechanics, 2008, 75, 5072-5086.	4.3	33
10	Size effect in tensile strength caused by stress fluctuations. International Journal of Fracture, 2001, 108, 43-61.	2.2	11
11	Fracture Laws for Simulating Compressive Fracture in Lattice-Type Models. Materials Science Forum, 0, 706-709, 1550-1555.	0.3	2