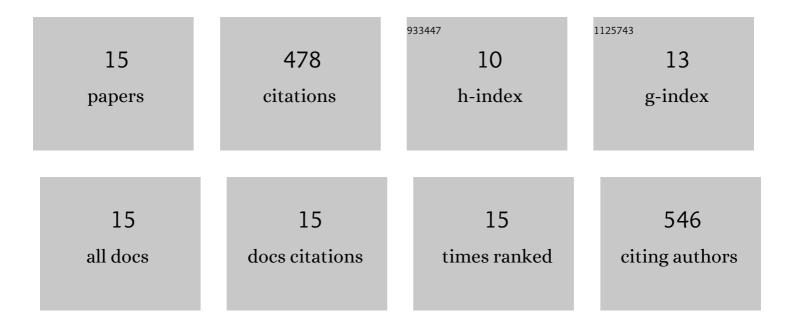
Nicolas Lammens

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Towards 3D printed multifunctional immobilization for proton therapy: Initial materials characterization. Medical Physics, 2016, 43, 5392-5402.	3.0	15
2	Finite element prediction of resin pocket geometries around arbitrary inclusions in composites: Case study for an embedded optical fiber interrogator. Composite Structures, 2016, 146, 95-107.	5.8	10
3	Optimization of coating diameter of fiber optic sensors embedded in composite structures under arbitrary loading conditions. Smart Materials and Structures, 2015, 24, 115003.	3.5	4
4	Fast reconstruction of a bounded ultrasonic beam using acoustically induced piezo-luminescence. Applied Physics Letters, 2015, 107, .	3.3	14
5	A Micro-Computed Tomography Technique to Study the Quality of Fibre Optics Embedded in Composite Materials. Sensors, 2015, 15, 10852-10871.	3.8	13
6	Finite element prediction of resin pocket geometry around embedded optical fiber sensors in prepreg composites. Composite Structures, 2015, 132, 825-832.	5.8	16
7	Internal strain monitoring in composite materials with embedded photonic crystal fiber Bragg gratings. Proceedings of SPIE, 2014, , .	0.8	1
8	Improved accuracy in the determination of flexural rigidity of textile fabrics by the Peirce cantilever test (ASTM D1388). Textile Reseach Journal, 2014, 84, 1307-1314.	2.2	41
9	Identification of the Elastic Properties of Isotropic and Orthotropic Thin-Plate Materials with the Pulsed Ultrasonic Polar Scan. Experimental Mechanics, 2014, 54, 1121-1132.	2.0	33
10	Extraction of bulk wave characteristics from a pulsed ultrasonic polar scan. Wave Motion, 2014, 51, 1071-1081.	2.0	9
11	Residual strain monitoring of out-of-autoclave cured parts by use of polarization dependent loss measurements in embedded optical fiber Bragg gratings. Composites Part A: Applied Science and Manufacturing, 2013, 52, 38-44.	7.6	33
12	'Gradient' polar scan technique for material characterization. , 2012, , .		1
13	Towards micro-structured optical fiber sensors for transverse strain sensing in smart composite materials. , 2011, , .		11
14	Microstructured Optical Fiber Sensors Embedded in a Laminate Composite for Smart Material Applications. Sensors, 2011, 11, 2566-2579.	3.8	70
15	Strain Measurements of Composite Laminates with Embedded Fibre Bragg Gratings: Criticism and Opportunities for Research. Sensors, 2011, 11, 384-408.	3.8	207

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