

Jean-Christophe DuprÃ©

List of Publications by Year in descending order

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14
papers

303
citations

1040056

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1199594

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15
docs citations

15
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature digital image correlation techniques for full-field strain and crack length measurement on ceramics at 1200°C: Optimization of speckle pattern and uncertainty assessment. <i>Optics and Lasers in Engineering</i> , 2021, 146, 106716.	3.8	7
2	Fracture process analysis in Magnesia-Hercynite refractory materials by combining an enhanced Digital Image Correlation method with Wedge Splitting Test. <i>Theoretical and Applied Fracture Mechanics</i> , 2021, 116, 103134.	4.7	7
3	Investigation of microstructure-property relationships of magnesia-hercynite refractory composites by a refined digital image correlation technique. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3893-3902.	5.7	31
4	Detection of cracks in refractory materials by an enhanced digital image correlation technique. <i>Journal of Materials Science</i> , 2018, 53, 977-993.	3.7	19
5	Shortcut in DIC error assessment induced by image interpolation used for subpixel shifting. <i>Optics and Lasers in Engineering</i> , 2017, 91, 124-133.	3.8	28
6	Biomechanical analysis of the thoracolumbar spine under physiological loadings: Experimental motion data corridors for validation of finite element models. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 975-981.	1.8	10
7	Experimental and numerical study of the load distribution in a ball-screw system. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 1411-1420.	1.5	34
8	Evaluation of three-dimensional and two-dimensional full displacement fields of a single edge notch fracture mechanics specimen, in light of experimental data using X-ray tomography. <i>Engineering Fracture Mechanics</i> , 2009, 76, 2371-2383.	4.3	19
9	Comparison between X-ray micro-computed tomography and optical scanning tomography for full 3D strain measurement by digital volume correlation. <i>NDT and E International</i> , 2008, 41, 407-415.	3.7	52
10	Optical Techniques for Relief Study of Mona Lisa's Wooden Support. , 2007, , 67-68.		3
11	Calibration of a system of projection moiré for relief measuring: biomechanical applications. <i>Optics and Lasers in Engineering</i> , 2004, 41, 241-260.	3.8	59
12	<title>Characterization of biological materials by means of optical methods of measurement</title>. , 2001, , .		3
13	Separation of isochromatic and isoclinic patterns of a slice optically isolated in a 3-D photoelastic medium. <i>European Journal of Mechanics, A/Solids</i> , 1999, 18, 633-640.	3.7	11
14	Numerical spectral analysis of a grid: Application to strain measurements. <i>Optics and Lasers in Engineering</i> , 1993, 18, 159-172.	3.8	20