Rosa Maria Castro Fernandes Vasconcel

List of Publications by Year
in descending order

30 papers	259 citations	1162367 8 h-index	1058022 14 g-index
33 all docs	33 docs citations	33 times ranked	151 citing authors

#	Article	IF	Citations
1	Yarn features extraction using image processing and computer vision â€" A study with cotton and polyester yarns. Measurement: Journal of the International Measurement Confederation, 2015, 68, 1-15.	2.5	30
2	Yarn hairiness parameterization using a coherent signal processing technique. Sensors and Actuators A: Physical, 2008, 142, 217-224.	2.0	27
3	Yarn Diameter Measurements Using Coherent Optical Signal Processing. IEEE Sensors Journal, 2008, 8, 1785-1793.	2.4	27
4	Yarn parameterization based on mass analysis. Sensors and Actuators A: Physical, 2004, 115, 540-548.	2.0	20
5	Optical Yarn Hairiness Measurement System. Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on, 2007, , .	0.0	16
6	Yarn Diameter and Linear Mass Correlation. Journal of Nondestructive Evaluation, 2009, 28, 49-54.	1.1	15
7	Yarn hairiness and diameter characterization using a CMOS line array. Measurement: Journal of the International Measurement Confederation, 2008, 41, 1077-1092.	2.5	12
8	Artificial intelligence and image processing based techniques: A tool for yarns parameterization and fabrics prediction. , 2009, , .		12
9	Yarn-Mass Measurement With 1-mm-Length Samples. IEEE Transactions on Industrial Electronics, 2007, 54, 1177-1183.	5.2	9
10	A remote system for water tank level monitoring and control - a collaborative case-study. , 2009, , .		8
11	Yarn hairiness determination using image processing techniques. , 2011, , .		7
12	Yarn periodical errors determination using three signal processing approaches. , 2013, 23, 1427-1440.		6
13	Yarn linear mass determination using image processing: first insights. , 2019, , .		6
14	FRICTORQ, a Novel Fabric Surface Tester: a Progress Report. Journal of Textile Engineering, 2005, 51, 40-46.	0.5	6
15	Be(com)ing an excellent student: a qualitative study with engineering undergraduates. High Ability Studies, 2014, 25, 169-186.	1.0	5
16	Determination of yarn production characteristics using image processing. International Journal of Imaging Systems and Technology, 2010, 20, 391-399.	2.7	3
17	A statistical model for the demand of undergraduate engineering courses in Portugal: A first study of Bologna Process impact. , 2012, , .		3
18	Studies on the yarn mass parameters determination using Image Processing techniques. , 2012, , .		3

#	Article	IF	Citations
19	Yarn parameterization correlation using optical and capacitive sensors approaches. , 2009, , .		2
20	ENGINEERING IMPACTING SOCIAL, ECONOMICAL AND WORKING ENVIRONMENT. , 0, , .		2
21	&#x201C;Innovative office&#x201D;: Building future for young engineers. , 2015, , .		2
22	A new perspective of students allocation satisfaction in engineering courses in Portugal. AIP Conference Proceedings, 2015, , .	0.3	2
23	CHALLENGING TIME FOR ENGINEERING. , 0, , .		2
24	Engineering education in countries of portuguese language. , 2013, , .		1
25	Index of satisfaction in engineering courses in Portugal based on the students perspective. AIP Conference Proceedings, 2016, , .	0.3	1
26	Handle Assessment of Tissue Paper. Journal of Textile Engineering, 2013, 59, 169-175.	0.5	1
27	Engineering education in Iberian America. , 2011, , .		0
28	A negative binomial model for student allocation to higher education in Portugal during the Post-Bologna process. AIP Conference Proceedings, 2018, , .	0.3	0
29	Classical Engineering Education Revisited - Why it Matters. , 0, , .		0
30	Gender Equality in the Information Systems and Technology Fields: A Comprehensive Diagnosis at the School of Engineering of the University of Minho. , 0, , .		0