Giovanni Petrucci

List of Publications by Year
in descending order

11 papers	277 citations	933447 10 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	280 citing authors

#	Article	IF	Citations
1	Deep learning approach for the segmentation of aneurysmal ascending aorta. Biomedical Engineering Letters, 2021, 11, 15-24.	4.1	40
2	K-nearest neighbor driving active contours to delineate biological tumor volumes. Engineering Applications of Artificial Intelligence, 2019, 81, 133-144.	8.1	35
3	A smart and operator independent system to delineate tumours in Positron Emission Tomography scans. Computers in Biology and Medicine, 2018, 102, 1-15.	7.0	26
4	A Kernel Support Vector Machine Based Technique for Crohnâ€™s Disease Classification in Human Patients. Advances in Intelligent Systems and Computing, 2018, , 262-273.	0.6	11
5	A critical assessment of methods for the determination of the shear stress amplitude in multiaxial fatigue criteria belonging to critical plane class. International Journal of Fatigue, 2015, 74, 119-131.	5.7	12
6	Review of photoelastic image analysis applied to structural birefringent materials: glass and polymers. Optical Engineering, 2015, 54, 081206.	1.0	20
7	A critical assessment of automatic photoelastic methods for the analysis of edge residual stresses in glass. Journal of Strain Analysis for Engineering Design, 2014, 49, 361-375.	1.8	21
8	Phase shifting photoelasticity in white light. Optics and Lasers in Engineering, 2007, 45, 596-611.	3.8	35
9	Automated Stress Separation Along Stress Trajectories. Experimental Mechanics, 2007, 47, 733-743.	2.0	6
10	Computer aided photoelasticity by an optimum phase stepping method. Experimental Mechanics, 2002, 42, 132-139.	2.0	49
11	Spectral Moments and Pre-Envelope Covariances of Nonseparable Processes. Journal of Applied Mechanics, Transactions ASME, 1990, 57, 218-224.	2.2	22