

# Giovanni Petrucci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5843365/publications.pdf>

Version: 2024-02-01

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