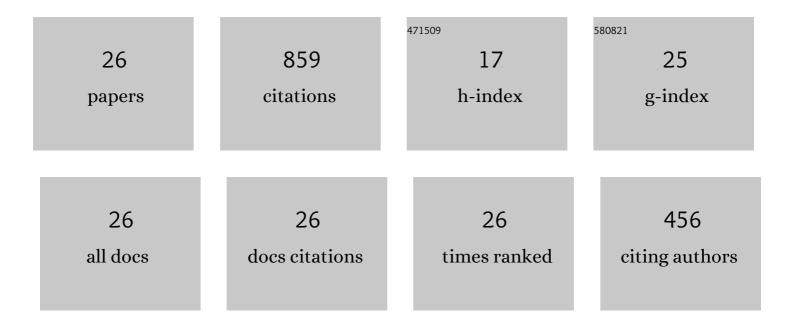
## Paolo Andrea Carraro

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A review on failure theories and simulation models for adhesive joints. Journal of Adhesion, 2022, 98, 1855-1915.	3.0	46
2	An efficient energy-based approach for the numerical assessment of mode I NSIFs in isotropic and orthotropic notched plates. Theoretical and Applied Fracture Mechanics, 2020, 108, 102612.	4.7	13
3	Modelling the electrical resistance of multidirectional laminates with off-axis cracks. Composite Structures, 2020, 237, 111928.	5.8	5
4	Characterisation and analysis of transverse crack-induced delamination in cross-ply composite laminates under fatigue loadings. International Journal of Fatigue, 2019, 129, 105217.	5.7	43
5	A damage-based model for mixed-mode crack propagation in composite laminates. Composites Part A: Applied Science and Manufacturing, 2018, 107, 421-431.	7.6	15
6	Neuber fictitious notch rounding approach reformulated for orthotropic materials. Engineering Fracture Mechanics, 2018, 191, 441-445.	4.3	0
7	Electrical resistance change vs damage state in cracked symmetric laminates: A closed form solution. Composite Structures, 2018, 184, 1081-1091.	5.8	8
8	Electrical response of a laminate with a delamination: modelling and experiments. Composites Science and Technology, 2017, 143, 31-45.	7.8	23
9	Delamination onset in symmetric cross-ply laminates under static loads: Theory, numerics and experiments. Composite Structures, 2017, 176, 420-432.	5.8	30
10	Prediction of the crack density evolution in multidirectional laminates under fatigue loadings. Composites Science and Technology, 2017, 145, 24-39.	7.8	52
11	Fatigue behaviour of glass/epoxy laminates in the presence of voids. International Journal of Fatigue, 2017, 95, 18-28.	5.7	76
12	Early stage damage in off-axis plies under fatigue loading. Composites Science and Technology, 2016, 128, 147-154.	7.8	48
13	Health monitoring of cross-ply laminates: Modelling the correlation between damage evolution and electrical resistance change. Composites Part A: Applied Science and Manufacturing, 2016, 82, 151-158.	7.6	16
14	Effect of voids on the crack formation in a [45/â^'45/0]s laminate under cyclic axial tension. Composites Part A: Applied Science and Manufacturing, 2016, 91, 493-500.	7.6	35
15	A stiffness degradation model for cracked multidirectional laminates with cracks in multiple layers. International Journal of Solids and Structures, 2015, 58, 34-51.	2.7	75
16	A comprehensive description of interfibre failure in fibre reinforced composites. Theoretical and Applied Fracture Mechanics, 2015, 79, 91-97.	4.7	12
17	Influence of load ratio on the biaxial fatigue behaviour and damage evolution in glass/epoxy tubes under tension–torsion loading. Composites Part A: Applied Science and Manufacturing, 2015, 78, 294-302.	7.6	32
18	Analytical solution for the three-dimensional stress fields in anisotropic composite bimaterial corners. Composite Structures, 2015, 122, 127-138.	5.8	9

Paolo Andrea Carraro

#	Article	IF	CITATIONS
19	Stress distributions for blunt cracks and radiused slits in anisotropic plates under in-plane loadings. International Journal of Solids and Structures, 2015, 56-57, 136-141.	2.7	26
20	An engineering formula for the stress concentration factor of orthotropic composite plates. Composites Part B: Engineering, 2015, 68, 51-58.	12.0	37
21	Modelling fibre–matrix debonding under biaxial loading. Composites Part A: Applied Science and Manufacturing, 2014, 61, 33-42.	7.6	23
22	Stress fields at sharp angular corners in thick anisotropic composite plates. Composite Structures, 2014, 117, 346-353.	5.8	22
23	Damage initiation and evolution in glass/epoxy tubes subjected to combined tension–torsion fatigue loading. International Journal of Fatigue, 2014, 63, 25-35.	5.7	98
24	A damage based model for crack initiation in unidirectional composites under multiaxial cyclic loading. Composites Science and Technology, 2014, 99, 154-163.	7.8	78
25	Crack propagation analysis in composite bonded joints under mixed-mode (I+II) static and fatigue loading: a damage-based model. Journal of Adhesion Science and Technology, 2013, 27, 1393-1406.	2.6	15
26	Crack propagation analysis in composite bonded joints under mixed-mode (I+II) static and fatigue loading: experimental investigation and phenomenological modelling. Journal of Adhesion Science and Technology, 2013, 27, 1179-1196.	2.6	22