

# Isidro de Jes s S nchez-Arce

## List of Publications by Year in descending order

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22  
papers

74  
citations

1937685

4  
h-index

1720034

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g-index

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22  
docs citations

22  
times ranked

21  
citing authors

#	ARTICLE	IF	CITATIONS
1	Material non-linearity in the numerical analysis of SLJ bonded with ductile adhesives: A meshless approach. <i>International Journal of Adhesion and Adhesives</i> , 2021, 104, 102716.	2.9	14
2	Analysis of stress singularity in adhesive joints using meshless methods. <i>Engineering Analysis With Boundary Elements</i> , 2022, 137, 29-40.	3.7	7
3	Fracture mechanics approach to stress singularities in composite adhesive joints. <i>Composite Structures</i> , 2021, 276, 114507.	5.8	6
4	Material and adhesive effect in adhesively-bonded composite stepped-lap joints. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 1967-1979.	1.3	5
5	Strength prediction of composite single lap joints using the critical longitudinal strain criterion and a meshless method. <i>International Journal of Adhesion and Adhesives</i> , 2021, 108, 102884.	2.9	5
6	Elasto-plastic adhesive joint design approach by a radial point interpolation meshless method. <i>Journal of Adhesion</i> , 2022, 98, 2396-2422.	3.0	4
7	Meshless analysis of the stress singularity in composite adhesive joints. <i>Composite Structures</i> , 2022, 280, 114910.	5.8	4
8	Composite stepped-lap adhesive joint analysis by cohesive zone modelling. <i>Procedia Structural Integrity</i> , 2021, 33, 665-672.	0.8	4
9	Introductory application of a natural neighbour meshless elastic formulation to double-lap adhesive joints. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	4
10	Evaluation of an elastic meshless formulation to adhesive joints's strength prediction against established methods. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-27.	2.6	3
11	Strength prediction and stress analysis of adhesively bonded composite joints using meshless methods. <i>Procedia Manufacturing</i> , 2020, 51, 904-911.	1.9	3
12	Strength prediction of composite single lap joints using the radial point interpolation method. <i>Composite Structures</i> , 2021, 259, 113228.	5.8	3
13	Meshless analysis of substrate stiffness and its effect on metallic double-L joint strength and stress distributions. <i>Engineering Analysis With Boundary Elements</i> , 2021, 125, 190-200.	3.7	3
14	Analyzing single-lap joints bonded with a brittle adhesive by an elastic meshless method. <i>Procedia Structural Integrity</i> , 2020, 28, 1084-1093.	0.8	2
15	Fracture mechanics approach to stress singularity in adhesive joints. <i>International Journal of Fracture</i> , 2021, 232, 77-91.	2.2	2
16	Robotized cell design for part assembly in the automotive industry. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 8807-8822.	2.1	2
17	Lateral differences of the forearm range of motion. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 496-506.	1.8	1
18	Meshless and hyper-elastic implementation to analyse flexible adhesives. <i>Procedia Structural Integrity</i> , 2021, 33, 149-158.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Experimental and cohesive zone modelling study on composite joining by co-curing and adhesive bonding for sheet moulding compound or carbon-fibre prepreg laminates. Journal of Adhesion Science and Technology, 2023, 37, 1593-1613.	2.6	1
20	Experimental Analysis and Testing of the Hemming Process Types Utilized in the Automotive Industry. , 2018, , .		0
21	Development of an Elasto-plastic Meshless Technique to Analyse Bonded Structures. Lecture Notes in Mechanical Engineering, 2021, , 57-77.	0.4	0
22	Meshless approach to material plasticity in adhesive joints. Procedia Structural Integrity, 2021, 33, 126-137.	0.8	0