

# Arturo Pascuzzo

## List of Publications by Year in descending order

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26  
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#	ARTICLE	IF	CITATIONS
1	Crack propagation analysis in masonry structures via an inter-element cohesive fracture approach: assessment of mesh dependency issues. <i>Procedia Structural Integrity</i> , 2022, 39, 638-648.	0.8	1
2	On the combination of Moving Mesh technique and M-integral method for predicting crack propagation mechanisms in Functionally Graded Materials. <i>Procedia Structural Integrity</i> , 2022, 39, 649-662.	0.8	2
3	Structural and seismic vulnerability assessment of the Santa Maria Assunta Cathedral in Catanzaro (Italy): classical and advanced approaches for the analysis of local and global failure mechanisms. <i>Frattura Ed Integrita Strutturale</i> , 2022, 16, 464-487.	0.9	8
4	Investigation of mesh dependency issues in the simulation of crack propagation in quasi-brittle materials by using a diffuse interface modeling approach. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 801-820.	3.4	17
5	A hybrid cohesive/volumetric multiscale finite element model for the failure analysis of fiber-reinforced composite structures. <i>Procedia Structural Integrity</i> , 2022, 41, 439-451.	0.8	1
6	Simulation of dynamic fracture in quasi-brittle materials using a finite element modeling approach enhanced by moving mesh technique and interaction integral method. <i>Procedia Structural Integrity</i> , 2022, 41, 576-588.	0.8	0
7	Dynamic fracture analysis in quasi-brittle materials via a finite element approach based on the combination of the ALE formulation and M-integral method. <i>Engineering Failure Analysis</i> , 2022, 141, 106627.	4.0	13
8	Crack propagation modeling in functionally graded materials using Moving Mesh technique and interaction integral approach. <i>Composite Structures</i> , 2021, 269, 114005.	5.8	33
9	Crack propagation under thermo-mechanical loadings based on moving mesh strategy. <i>Theoretical and Applied Fracture Mechanics</i> , 2021, 114, 103033.	4.7	32
10	An effective modeling approach based on the ALE and M-integral for simulating crack propagation under thermo-mechanical loadings. <i>Procedia Structural Integrity</i> , 2021, 33, 858-870.	0.8	0
11	A moving mesh FE methodology for vehicle-bridge interaction modeling. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 1256-1268.	2.6	30
12	A Practical Method for the Elastic Buckling Design of Network Arch Bridges. <i>International Journal of Steel Structures</i> , 2020, 20, 311-329.	1.3	18
13	A detailed micro-model for brick masonry structures based on a diffuse cohesive-frictional interface fracture approach. <i>Procedia Structural Integrity</i> , 2020, 25, 334-347.	0.8	19
14	Strategies to improve the structural integrity of tied-arch bridges affected by instability phenomena. <i>Procedia Structural Integrity</i> , 2020, 25, 454-464.	0.8	0
15	An investigation on the structural integrity of network arch bridges subjected to cable loss under the action of moving loads. <i>Procedia Structural Integrity</i> , 2020, 25, 305-315.	0.8	6
16	On the effect of interfacial patterns on energy dissipation in plastically deforming adhesive bonded ductile sheets. <i>International Journal of Solids and Structures</i> , 2020, 198, 31-40.	2.7	38
17	Crack growth propagation modeling based on moving mesh method and interaction integral approach. <i>Procedia Structural Integrity</i> , 2020, 28, 1981-1991.	0.8	5
18	Structural integrity of tied arch bridges affected by instability phenomena. <i>Procedia Structural Integrity</i> , 2019, 18, 891-902.	0.8	5

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19	Instability design analysis in tied-arch bridges. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 716-726.	2.6	23
20	Dynamic Behavior of Tied-Arch Bridges under the Action of Moving Loads. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-17.	1.1	21
21	An optimization model for the design of network arch bridges. <i>Computers and Structures</i> , 2016, 170, 13-25.	4.4	39
22	A numerical study on the structural integrity of self-anchored cable-stayed suspension bridges. <i>Frattura Ed Integrita Strutturale</i> , 2016, 10, 358-376.	0.9	8
23	Vulnerability and failure analysis of hybrid cable-stayed suspension bridges subjected to damage mechanisms. <i>Engineering Failure Analysis</i> , 2014, 45, 470-495.	4.0	45
24	Optimum design analysis of hybrid cable-stayed suspension bridges. <i>Advances in Engineering Software</i> , 2014, 73, 53-66.	3.8	45
25	Design analysis of the optimum configuration of self-anchored cable-stayed suspension bridges. <i>Structural Engineering and Mechanics</i> , 2014, 51, 847-866.	1.0	35
26	Dynamic Analysis of Cable-Stayed Bridges Affected by Accidental Failure Mechanisms under Moving Loads. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-20.	1.1	29