

# Fabio Di Carlo

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

316  
citations

1163117

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h-index

1058476

14  
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21  
all docs

21  
docs citations

21  
times ranked

227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collapse displacements for a mechanism of spreading-induced supports in a masonry arch. International Journal of Advanced Structural Engineering, 2015, 7, 307-320.	1.3	59
2	Numerical evaluation of the corrosion influence on the cyclic behaviour of RC columns. Engineering Structures, 2017, 153, 264-278.	5.3	59
3	Satellite radar interferometry: Potential and limitations for structural assessment and monitoring. Journal of Building Engineering, 2022, 46, 103756.	3.4	39
4	Design procedure for precast fibre-reinforced concrete segments in tunnel lining construction. Structural Concrete, 2016, 17, 747-759.	3.1	31
5	On the integration of multi-temporal synthetic aperture radar interferometry products and historical surveys data for buildings structural monitoring. Journal of Civil Structural Health Monitoring, 2021, 11, 1429-1447.	3.9	24
6	Minimum thrust and minimum thickness of hemispherical masonry domes. Acta Mechanica, 2016, 227, 2415-2425.	2.1	22
7	Collapse load of a masonry arch after actual displacements of the supports. Archive of Applied Mechanics, 2018, 88, 1545-1558.	2.2	21
8	Force reduction factor for out-of-plane simple mechanisms of masonry structures. Bulletin of Earthquake Engineering, 2017, 15, 1241-1259.	4.1	16
9	GIS Integration of DInSAR Measurements, Geological Investigation and Historical Surveys for the Structural Monitoring of Buildings and Infrastructures: An Application to the Valco San Paolo Urban Area of Rome. Infrastructures, 2022, 7, 89.	2.8	11
10	Evaluation of the bearing capacity of fiber reinforced concrete sections under fire exposure. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	8
11	Masonry Walls Retrofitted with Vertical FRP Rebars. Buildings, 2020, 10, 72.	3.1	8
12	Modelling Strategies for the Numerical Simulation of the Behaviour of Corroded RC Columns under Cyclic Loads. Applied Sciences (Switzerland), 2021, 11, 9761.	2.5	6
13	Dynamic response of rocking cracked masonry walls. Meccanica, 2019, 54, 381-398.	2.0	5
14	Cracking behavior of steel fiber-reinforced concrete members subjected to pure tension. Structural Concrete, 2019, 20, 2069-2080.	3.1	5
15	Collapse of elliptical masonry arch induced by actual displacements of the supports. AIP Conference Proceedings, 2020, , .	0.4	1
16	An Application of the DInSAR Technique for the Structural Monitoring of the "Vittorino da Feltre" School Building in Rome. Lecture Notes in Civil Engineering, 2023, , 582-592.	0.4	1
17	Cracking behavior of GFRP-reinforced concrete members subjected to pure tension. AIP Conference Proceedings, 2020, , .	0.4	0