

# Stefania Viti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8207108/publications.pdf>

Version: 2024-02-01

27  
papers

314  
citations

1040056

9  
h-index

839539

18  
g-index

28  
all docs

28  
docs citations

28  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrofit of a hospital through strength reduction and enhanced damping. Smart Structures and Systems, 2006, 2, 339-355.	1.9	85
2	Variability in concrete mechanical properties as a source of in-plan irregularity for existing RC framed structures. Engineering Structures, 2014, 59, 161-172.	5.3	32
3	Effect of the variability in plan of concrete mechanical properties on the seismic response of existing RC framed structures. Bulletin of Earthquake Engineering, 2013, 11, 1049-1060.	4.1	31
4	On the variability of concrete strength as a source of irregularity in elevation for existing RC buildings: a case study. Bulletin of Earthquake Engineering, 2013, 11, 1711-1726.	4.1	31
5	Response Site Analyses of 3D Homogeneous Soil Models. Emerging Science Journal, 2018, 2, 238.	3.7	19
6	Torsional effects due to concrete strength variability in existing buildings. Earthquake and Structures, 2015, 8, 379-399.	1.0	16
7	The seismic analysis of Cerere at the Museum of Bargello. Bulletin of Earthquake Engineering, 2020, 18, 2635-2656.	4.1	12
8	Seismic performance sensitivity to concrete strength variability: a case-study. Earthquake and Structures, 2015, 9, 321-337.	1.0	12
9	Seismic assessment of a real RC asymmetric hospital building according to NTC 2008 analysis methods. Bulletin of Earthquake Engineering, 2015, 13, 2973-2994.	4.1	11
10	Effects of Soil Characterization on the Seismic Input. Journal of Earthquake Engineering, 2019, 23, 487-511.	2.5	11
11	On the modelling of infilled RC frames through strut models. Cogent Engineering, 2017, 4, 1371578.	2.2	9
12	Monumental buildings used as museums: Protection or danger for the artifacts?. Procedia Structural Integrity, 2020, 29, 40-47.	0.8	9
13	Seismic assessment of existing RC buildings under alternative ground motion ensembles compatible to EC8 and NTC 2008. Bulletin of Earthquake Engineering, 2017, 15, 1375-1396.	4.1	7
14	Bartolomeo Ammannati's Fountain: Comparisons Between Different Numerical Models. RILEM Bookseries, 2019, , 1201-1209.	0.4	5
15	Combined effects of axial load and concrete strength variation on the seismic performance of existing RC buildings. Bulletin of Earthquake Engineering, 2016, 14, 805-819.	4.1	4
16	Developing a laboratory facility to assess friction coefficients of standing samples. Procedia Structural Integrity, 2020, 29, 142-148.	0.8	4
17	The Bartolomeo Ammannati's Fountain: an artifact in progress. Procedia Structural Integrity, 2018, 11, 274-281.	0.8	3
18	Influence of Infill Panels on the Seismic Response of Existing RC Buildings: A Case Study. Geotechnical, Geological and Earthquake Engineering, 2013, , 119-133.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Assessments on the material properties of the Pietraforte stone of Florence (Italy) in conservation, restoration and construction. <i>Case Studies in Construction Materials</i> , 2022, 16, e00986.	1.7	3
20	Public Housing in Florence: Seismic Assessment of Masonry Buildings. <i>Procedia Structural Integrity</i> , 2018, 11, 266-273.	0.8	2
21	The Giotto's Bell Tower at Firenze (Italy): foundation assessment. <i>Journal of Cultural Heritage Management and Sustainable Development</i> , 2023, 13, 238-252.	0.9	2
22	Functionality analysis of emergency departments: A case study. <i>Journal of Building Engineering</i> , 2021, 40, 102694.	3.4	1
23	THE EFFECTS OF THE SEISMIC INPUT ON THE SEISMIC RESPONSE OF RC BUILDINGS. , 2015, , .		1
24	Damage risk assessment of historical asset using laser scan and finite element approach. <i>Procedia Structural Integrity</i> , 2020, 29, 183-191.	0.8	1
25	ARCO 2020: The first edition of the international conference on art collections in Florence. <i>GestÃO &amp; Tecnologia De Projetos</i> , 2021, 16, .	0.1	0
26	Effect of the Mechanical Properties of Concrete on the Seismic Assessment of RC Irregular Buildings. <i>Geotechnical, Geological and Earthquake Engineering</i> , 2020, , 201-213.	0.2	0
27	Code-compliant structural design for site specific works of art: a case-study. <i>Procedia Structural Integrity</i> , 2020, 29, 157-164.	0.8	0