

Pier Giorgio Malerba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7632938/publications.pdf>

Version: 2024-02-01

27
papers

536
citations

840585

11
h-index

839398

18
g-index

28
all docs

28
docs citations

28
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Automata Approach to Durability Analysis of Concrete Structures in Aggressive Environments. <i>Journal of Structural Engineering</i> , 2004, 130, 1724-1737.	1.7	114
2	Probabilistic Service Life Assessment and Maintenance Planning of Concrete Structures. <i>Journal of Structural Engineering</i> , 2006, 132, 810-825.	1.7	97
3	Fuzzy reliability analysis of concrete structures. <i>Computers and Structures</i> , 2004, 82, 1033-1052.	2.4	86
4	Reliability of material and geometrically non-linear reinforced and prestressed concrete structures. <i>Computers and Structures</i> , 2004, 82, 1021-1031.	2.4	43
5	The role of prestress and its optimization in cable domes design. <i>Computers and Structures</i> , 2015, 161, 17-30.	2.4	34
6	Uncertainty effects on lifetime structural performance of cable-stayed bridges. <i>Probabilistic Engineering Mechanics</i> , 2008, 23, 509-522.	1.3	31
7	Genomic and Proteomic Expression Patterns in HPV-16 E6 Gene Transfected Stable Human Carcinoma Cell Lines. <i>DNA and Cell Biology</i> , 2004, 23, 826-835.	0.9	25
8	Stress path adapting Strut-and-Tie models in cracked and uncracked R.C. elements. <i>Structural Engineering and Mechanics</i> , 2001, 12, 685-698.	1.0	25
9	Flexible bridge decks suspended by cable nets. A constrained form finding approach. <i>International Journal of Solids and Structures</i> , 2013, 50, 2340-2352.	1.3	20
10	Time-Variant Structural Performance of the Certosa Cable-Stayed Bridge. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2006, 16, 235-244.	0.5	15
11	Inspecting and repairing old bridges: experiences and lessons. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 443-470.	2.0	15
12	The role of softening in the numerical analysis of R.C. framed structures. <i>Structural Engineering and Mechanics</i> , 1997, 5, 785-801.	1.0	11
13	Influence of corrosive phenomena on bearing capacity of RC and PC beams. <i>Advances in Concrete Construction</i> , 2017, 5, 117-143.	0.4	7
14	Residual capacity of a reinforced concrete grillage deck exposed to corrosion. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 202-218.	2.0	4
15	A parametric subdomain discretization for the analysis of the multiaxial response of reinforced concrete sections. <i>Advances in Engineering Software</i> , 2015, 82, 87-104.	1.8	3
16	A New Landmark Arch Bridge in Milan. <i>Procedia Engineering</i> , 2011, 14, 1051-1058.	1.2	2
17	Reliability Assessment of Cable-Stayed Bridges. , 2001, , 36.		1
18	Twin Runway Integral Bridges at Milano Malpensa Airport, Italy. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2011, 21, 206-209.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The new life of the Teatro alla Scala. Structure and Infrastructure Engineering, 2011, 7, 51-64.	2.0	1
20	Elastoplastic stress and strain diffusion in a rhomboidal steel panel. Meccanica, 1977, 12, 99-110.	1.2	0
21	A Large Span Roof made of Cable Stayed Arches. , 2008, , .		0
22	Some Aspects of the Life-Cycle Reliability of the Twin Cable-Stayed Bridges at Malpensa Airport in Italy. , 2008, , .		0
23	A Covered Double Decker Pedestrian Bridge in Parma. Procedia Engineering, 2011, 14, 837-843.	1.2	0
24	Design and construction of two integral bridges for the runway of Milan Malpensa Airport. Structure and Infrastructure Engineering, 2015, 11, 486-500.	2.0	0
25	Fuzzy Reliability Analysis of Concrete Structures by Using a Genetically Powered Simulation. , 2003, , 95-105.		0
26	The new life of the Theatre alla Scala. , 2008, , 59-71.		0
27	Structural geometry effects on the life-cycle performance of concrete bridge structures in aggressive environments. , 2008, , .		0