

Nicos A Kalapodis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2610726/publications.pdf>

Version: 2024-02-01

13
papers

108
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural efficiency of varying-thickness regolith-based lunar arches against inertial loading. Acta Astronautica, 2022, 191, 438-450.	3.2	3
2	Seismic design of plane steel MRFS, EBFS and BRBFS by improved direct displacement-based design method. Soil Dynamics and Earthquake Engineering, 2022, 153, 107111.	3.8	15
3	Integration of peak seismic floor velocities and accelerations into the performance-based design of steel structures. Soil Dynamics and Earthquake Engineering, 2022, 154, 107160.	3.8	0
4	Optimal arch forms under in-plane seismic loading in different gravitational environments. Earthquake Engineering and Structural Dynamics, 2022, 51, 1522-1539.	4.4	4
5	Limit-state analysis of parabolic arches subjected to inertial loading in different gravitational fields using a variational formulation. Engineering Structures, 2021, 228, 111501.	5.3	9
6	COMPARISON OF THE EFFICIENCY OF MINIMUM-THICKNESS CIRCULAR AND PARABOLIC ARCHES FOR VARIOUS GRAVITY CONDITIONS. , 2021, , .		0
7	OpenArch: An open-source package for determining the minimum-thickness of arches under seismic loads. SoftwareX, 2021, 15, 100731.	2.6	6
8	Seismic design of plane steel braced frames using equivalent modal damping ratios. Soil Dynamics and Earthquake Engineering, 2020, 129, 105947.	3.8	8
9	A review towards the design of extraterrestrial structures: From regolith to human outposts. Acta Astronautica, 2020, 175, 540-569.	3.2	39
10	Revisiting the fundamental structural dynamic systems: the effect of low gravity. Archive of Applied Mechanics, 2019, 89, 1861-1884.	2.2	7
11	Stress Wave Propagation in Cracked Geological Solids Using Finite Difference Scheme. Journal of Multiscale Modeling, 2018, 09, 1750009.	1.1	0
12	Prediction of mechanical properties of thick concrete members or masonries utilizing ultrasonics. Procedia Structural Integrity, 2018, 10, 311-318.	0.8	2
13	Modal strength reduction factors for seismic design of plane steel braced frames. Journal of Constructional Steel Research, 2018, 147, 549-563.	3.9	15