

# Georgios Drosopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

431  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limit analysis of a single span masonry bridge with unilateral frictional contact interfaces. <i>Engineering Structures</i> , 2006, 28, 1864-1873.	5.3	81
2	Modelling and strength evaluation of masonry bridges using terrestrial photogrammetry and finite elements. <i>Advances in Engineering Software</i> , 2016, 101, 136-148.	3.8	60
3	Conventional and star-shaped auxetic materials for the creation of band gaps. <i>Archive of Applied Mechanics</i> , 2019, 89, 2545-2562.	2.2	35
4	Two non-linear finite element models developed for the assessment of failure of masonry arches. <i>Comptes Rendus - Mecanique</i> , 2008, 336, 42-53.	2.1	34
5	FRP reinforcement of stone arch bridges: Unilateral contact models and limit analysis. <i>Composites Part B: Engineering</i> , 2007, 38, 144-151.	12.0	33
6	Influence of the geometry and the abutments movement on the collapse of stone arch bridges. <i>Construction and Building Materials</i> , 2008, 22, 200-210.	7.2	32
7	Design and verification of auxetic microstructures using topology optimization and homogenization. <i>Archive of Applied Mechanics</i> , 2015, 85, 1289-1306.	2.2	29
8	Inverse analysis of masonry arch bridges for damaged condition investigation: Application on Kakodiki bridge. <i>Engineering Structures</i> , 2016, 127, 388-401.	5.3	26
9	Optimization and analysis of frequencies of multi-scale graphene/fibre reinforced nanocomposite laminates with non-uniform distributions of reinforcements. <i>Engineering Structures</i> , 2021, 228, 111525.	5.3	19
10	A multi-scale computational method including contact for the analysis of damage in composite materials. <i>Computational Materials Science</i> , 2014, 95, 522-535.	3.0	16
11	Thermal stress analysis of a three-dimensional end-plate steel joint. <i>Construction and Building Materials</i> , 2012, 29, 619-626.	7.2	13
12	Buckling of non-uniformly distributed graphene and fibre reinforced multiscale angle-ply laminates. <i>Meccanica</i> , 2019, 54, 2263-2279.	2.0	12
13	Failure Behavior of a Top and Seat Angle Bolted Steel Connection with Double Web Angles. <i>Journal of Structural Engineering</i> , 2015, 141, 04014172.	3.4	9
14	Structural investigation of Mnajdra megalithic monument in Malta. <i>Journal of Cultural Heritage</i> , 2020, 41, 96-105.	3.3	9
15	3D Finite element analysis of end - plate steel joints. <i>Steel and Composite Structures</i> , 2012, 12, 93-115.	1.3	9
16	Effectiveness of optimized fuzzy controllers on partially delaminated piezocomposites. <i>Acta Mechanica</i> , 2017, 228, 1373-1392.	2.1	6
17	A computational homogenization approach for the study of localization of masonry structures using the XFEM. <i>Archive of Applied Mechanics</i> , 2018, 88, 2135-2152.	2.2	5
18	Mechanical Behaviour of Auxetic Microstructures Using Contact Mechanics and Elastoplasticity. <i>Key Engineering Materials</i> , 0, 681, 100-116.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Non-linear finite element analysis of a fire protected steel connection. , 2019, , 1915-1920.		0