# Georgios Drosopoulos

List of Publications by Year
in descending order

| | | |
|---|---|---|
| **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 | Optimization and analysis of frequencies of multi-scale graphene/fibre reinforced nanocomposite laminates with non-uniform distributions of reinforcements. Engineering Structures, 2021, 228, 111525. | 5.3 | 19 |
| 2 | Structural investigation of Mnajdra megalithic monument in Malta. Journal of Cultural Heritage, 2020, 41, 96-105. | 3.3 | 9 |
| 3 | Buckling of non-uniformly distributed graphene and fibre reinforced multiscale angle-ply laminates. Meccanica, 2019, 54, 2263-2279. | 2.0 | 12 |
| 4 | Conventional and star-shaped auxetic materials for the creation of band gaps. Archive of Applied Mechanics, 2019, 89, 2545-2562. | 2.2 | 35 |
| 5 | Non-linear finite element analysis of a fire protected steel connection. , 2019, , 1915-1920. | | 0 |
| 6 | A computational homogenization approach for the study of localization of masonry structures using the XFEM. Archive of Applied Mechanics, 2018, 88, 2135-2152. | 2.2 | 5 |
| 7 | Effectiveness of optimized fuzzy controllers on partially delaminated piezocomposites. Acta Mechanica, 2017, 228, 1373-1392. | 2.1 | 6 |
| 8 | Inverse analysis of masonry arch bridges for damaged condition investigation: Application on Kakodiki bridge. Engineering Structures, 2016, 127, 388-401. | 5.3 | 26 |
| 9 | Modelling and strength evaluation of masonry bridges using terrestrial photogrammetry and finite elements. Advances in Engineering Software, 2016, 101, 136-148. | 3.8 | 60 |
| 10 | Failure Behavior of a Top and Seat Angle Bolted Steel Connection with Double Web Angles. Journal of Structural Engineering, 2015, 141, 04014172. | 3.4 | 9 |
| 11 | Design and verification of auxetic microstructures using topology optimization and homogenization. Archive of Applied Mechanics, 2015, 85, 1289-1306. | 2.2 | 29 |
| 12 | A multi-scale computational method including contact for the analysis of damage in composite materials. Computational Materials Science, 2014, 95, 522-535. | 3.0 | 16 |
| 13 | Thermal–stress analysis of a three-dimensional end-plate steel joint. Construction and Building Materials, 2012, 29, 619-626. | 7.2 | 13 |
| 14 | 3D Finite element analysis of end - plate steel joints. Steel and Composite Structures, 2012, 12, 93-115. | 1.3 | 9 |
| 15 | Two non-linear finite element models developed for the assessment of failure of masonry arches. Comptes Rendus - Mecanique, 2008, 336, 42-53. | 2.1 | 34 |
| 16 | Influence of the geometry and the abutments movement on the collapse of stone arch bridges. Construction and Building Materials, 2008, 22, 200-210. | 7.2 | 32 |
| 17 | FRP reinforcement of stone arch bridges: Unilateral contact models and limit analysis. Composites Part B: Engineering, 2007, 38, 144-151. | 12.0 | 33 |
| 18 | Limit analysis of a single span masonry bridge with unilateral frictional contact interfaces. Engineering Structures, 2006, 28, 1864-1873. | 5.3 | 81 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Mechanical Behaviour of Auxetic Microstructures Using Contact Mechanics and Elastoplasticity. Key Engineering Materials, 0, 681, 100-116. | 0.4 | 3 |