

Athanasios P Chassiakos

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19 papers	310 citations	9 h-index	17 g-index
24 ext. papers	342 ext. citations	3.1 avg, IF	3.45 L-index

#	Paper	IF	Citations
19	Time-Cost Optimization of Construction Projects with Generalized Activity Constraints. <i>Journal of Construction Engineering and Management - ASCE</i> , 2005 , 131, 1115-1124	4.2	71
18	Freeway incident detection through filtering. <i>Transportation Research Part C: Emerging Technologies</i> , 1993 , 1, 219-233	8.4	39
17	Dynamic effects of moving load on a poroelastic soil medium by an approximate method. <i>International Journal of Solids and Structures</i> , 2004 , 41, 1801-1822	3.1	37
16	Application of Filtering Techniques for Incident Detection. <i>Journal of Transportation Engineering</i> , 1993 , 119, 13-26		34
15	Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part I. First method of solution. <i>Soil Dynamics and Earthquake Engineering</i> , 2001 , 21, 315-338	3.5	25
14	A Genetic Algorithm for Optimal Resource-driven Project Scheduling. <i>Procedia Engineering</i> , 2015 , 123, 260-267		24
13	Multi-objective Construction Site Layout Planning Using Genetic Algorithms. <i>Procedia Engineering</i> , 2016 , 164, 20-27		20
12	Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part II. Second method of solution. <i>Soil Dynamics and Earthquake Engineering</i> , 2001 , 21, 339-364	3.5	18
11	Genetic algorithm optimization for dynamic construction site layout planning. <i>Organization, Technology and Management in Construction</i> , 2018 , 10, 1655-1664	0.9	13
10	Development of Decision-Support System for Managing Highway Safety. <i>Journal of Transportation Engineering</i> , 2005 , 131, 364-373		9
9	Dynamic Multi-objective Layout Planning of Construction Sites. <i>Procedia Engineering</i> , 2017 , 196, 674-681		7
8	System-Theoretic Process Analysis (STPA) for Hazard Analysis in Complex Systems: The Case of Demand-Side Management in a Smart Grid <i>Systems</i> , 2020 , 8, 33	3	4
7	Seismic analysis of rigid walls retaining a cross-anisotropic elastic soil layer over bedrock. <i>Computers and Geotechnics</i> , 2018 , 96, 150-159	4.4	3
6	A Decision Support System for Highway Pavement Management in Greece 2002 , 553		2
5	Seismic analysis of rigid walls retaining a cross-anisotropic poroelastic soil layer over bedrock. <i>Soil Dynamics and Earthquake Engineering</i> , 2018 , 114, 615-624	3.5	1
4	Longest path time-cost analysis of construction projects with generalised activity constraints. <i>Operational Research</i> , 2006 , 6, 271-281	1.6	1
3	Multi-objective Resource-Constrained Scheduling in Construction Projects. <i>Advances in Science, Technology and Innovation</i> , 2021 , 583-588	0.3	1

- 2 Simplified models for determining the response of an isotropic, continuously nonhomogeneous half-plane to a moving distributed line load. *Acta Mechanica*, **2020**, 231, 47-69 2.1 O
- 1 Business Processes and Comfort Demand for Energy Flexibility Analysis in Buildings. *Energies*, **2020**, 13, 6561 3.1