

# Athanasios P Chassiakos

## List of Publications by Year in Descending Order

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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	Multi-objective Resource-Constrained Scheduling in Construction Projects. <i>Advances in Science, Technology and Innovation</i> , <b>2021</b> , 583-588	0.3	1
18	Business Processes and Comfort Demand for Energy Flexibility Analysis in Buildings. <i>Energies</i> , <b>2020</b> , 13, 6561	3.1	
17	System-Theoretic Process Analysis (STPA) for Hazard Analysis in Complex Systems: The Case of Demand-Side Management in a Smart Grid <i>Systems</i> , <b>2020</b> , 8, 33	3	4
16	Simplified models for determining the response of an isotropic, continuously nonhomogeneous half-plane to a moving distributed line load. <i>Acta Mechanica</i> , <b>2020</b> , 231, 47-69	2.1	0
15	Genetic algorithm optimization for dynamic construction site layout planning. <i>Organization, Technology and Management in Construction</i> , <b>2018</b> , 10, 1655-1664	0.9	13
14	Seismic analysis of rigid walls retaining a cross-anisotropic poroelastic soil layer over bedrock. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2018</b> , 114, 615-624	3.5	1
13	Seismic analysis of rigid walls retaining a cross-anisotropic elastic soil layer over bedrock. <i>Computers and Geotechnics</i> , <b>2018</b> , 96, 150-159	4.4	3
12	Dynamic Multi-objective Layout Planning of Construction Sites. <i>Procedia Engineering</i> , <b>2017</b> , 196, 674-681		7
11	Multi-objective Construction Site Layout Planning Using Genetic Algorithms. <i>Procedia Engineering</i> , <b>2016</b> , 164, 20-27		20
10	A Genetic Algorithm for Optimal Resource-driven Project Scheduling. <i>Procedia Engineering</i> , <b>2015</b> , 123, 260-267		24
9	Longest path time-cost analysis of construction projects with generalised activity constraints. <i>Operational Research</i> , <b>2006</b> , 6, 271-281	1.6	1
8	Development of Decision-Support System for Managing Highway Safety. <i>Journal of Transportation Engineering</i> , <b>2005</b> , 131, 364-373		9
7	Time-Cost Optimization of Construction Projects with Generalized Activity Constraints. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2005</b> , 131, 1115-1124	4.2	71
6	Dynamic effects of moving load on a poroelastic soil medium by an approximate method. <i>International Journal of Solids and Structures</i> , <b>2004</b> , 41, 1801-1822	3.1	37
5	A Decision Support System for Highway Pavement Management in Greece <b>2002</b> , 553		2
4	Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part II. Second method of solution. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2001</b> , 21, 339-364	3.5	18
3	Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part I. First method of solution. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2001</b> , 21, 315-338	3.5	25

2	Application of Filtering Techniques for Incident Detection. <i>Journal of Transportation Engineering</i> , <b>1993</b> , 119, 13-26	34
1	Freeway incident detection through filtering. <i>Transportation Research Part C: Emerging Technologies</i> , <b>1993</b> , 1, 219-233	8.4 39