

# Konstantia Makra

## List of Publications by Year in descending order

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29  
papers

879  
citations

623574

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526166

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docs citations

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times ranked

656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic wave amplification: Basin geometry vs soil layering. <i>Soil Dynamics and Earthquake Engineering</i> , 2005, 25, 529-538.	1.9	140
2	Site effects at Euroseistestâ€”II. Determination of the valley structure and confrontation of observations with 1D analysis. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 19, 1-22.	1.9	123
3	Site effects at Euroseistestâ€”II. Results from 2D numerical modeling and comparison with observations. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 19, 23-39.	1.9	85
4	Parametric analysis of the seismic response of a 2D sedimentary valley: implications for code implementations of complex site effects. <i>Soil Dynamics and Earthquake Engineering</i> , 2005, 25, 303-315.	1.9	61
5	Evaluation of dynamic response and local soil effects of the Evripos cable-stayed bridge using multi-sensor monitoring systems. <i>Engineering Geology</i> , 2005, 79, 43-59.	2.9	51
6	3D configuration of Mygdonian basin and preliminary estimate of its site response. <i>Soil Dynamics and Earthquake Engineering</i> , 2005, 25, 871-887.	1.9	45
7	The Cephalonia, Greece, January 26 (M6.1) and February 3, 2014 (M6.0) earthquakes: near-fault ground motion and effects on soil and structures. <i>Bulletin of Earthquake Engineering</i> , 2016, 14, 1-38.	2.3	45
8	Aggravation factors for seismic response of sedimentary basins: A code-oriented parametric study. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 91, 116-132.	1.9	33
9	Site Effects and Design Provisions: The Case of Euroseistest. , 2001, 158, 2349-2367.		29
10	Complex Site Effects in Thessaloniki (Greece): II. 2D SH Modelling and Engineering Insights. <i>Bulletin of Earthquake Engineering</i> , 2004, 2, 301-327.	2.3	29
11	Seismic response of buried metro tunnels by a hybrid FDM-BEM approach. <i>Bulletin of Earthquake Engineering</i> , 2015, 13, 1953-1977.	2.3	28
12	Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest. <i>Bulletin of Earthquake Engineering</i> , 2016, 14, 1177-1194.	2.3	28
13	Complex Site Effects in Thessaloniki (Greece): I. Soil Structure and Comparison of Observations with 1D Analysis. <i>Bulletin of Earthquake Engineering</i> , 2004, 2, 271-290.	2.3	21
14	Basin effects on ground motion: the case of a high-resolution experiment in Cephalonia (Greece). <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 529-560.	2.3	21
15	Shear wave velocity structure in western Thessaloniki (Greece) using mainly alternative SPAC method. <i>Soil Dynamics and Earthquake Engineering</i> , 2010, 30, 202-214.	1.9	19
16	Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 110, 284-299.	1.9	15
17	Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique. <i>Earthquake and Structures</i> , 2013, 5, 161-205.	1.0	14
18	On the modal response of an instrumented steel water-storage tank including soil-structure interaction. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 135, 106198.	1.9	14

#	ARTICLE	IF	CITATIONS
19	The Corinth Gulf Soft Soil Array (CORSSA) to study site effects. <i>Comptes Rendus - Geoscience</i> , 2004, 336, 353-365.	0.4	13
20	A LiDAR-aided urban-scale assessment of soil-structure interaction effects: the case of Kalochori residential area (N. Greece). <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 4821-4850.	2.3	13
21	Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 4773-4804.	2.3	10
22	S2HM in Some European Countries. <i>Springer Tracts in Civil Engineering</i> , 2019, , 303-343.	0.3	9
23	Multiple estimates of soil structure at a vertical strong motion array: Understanding uncertainties from different shear wave velocity profiles. <i>Engineering Geology</i> , 2015, 192, 1-18.	2.9	7
24	Site Effects and Design Provisions: The Case of Euroseistest. , 2002, , 2349-2367.		7
25	Field Monitoring of Strong Ground Motion in Urban Areas: The Kalochori Accelerometric Network (KAN), Database and Web-GIS Portal. <i>Earthquake Spectra</i> , 2018, 34, 471-501.	1.6	6
26	Comparison of VS30 using measured, assigned and proxy values in three cities of Northern Greece. <i>Engineering Geology</i> , 2018, 239, 63-78.	2.9	4
27	Euroseistest 3D Array for the Study of Complex Site Effects. <i>Geotechnical, Geological and Earthquake Engineering</i> , 2011, , 145-166.	0.1	4
28	Assessment of seismic loading on structures based on airborne LiDAR data from the Kalochori urban area (N. Greece). <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
29	THE ACCELEROMETRIC NETWORK OF THE INDES-MUSA PROJECT IN THE KALOCHORI AREA: CONFIGURATION, DOCUMENTATION AND PRELIMINARY DATA INTERPRETATION. <i>Bulletin of the Geological Society of Greece</i> , 2017, 50, 1100.	0.2	2