Vlado Gicev

List of Publications by Year in descending order

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17 papers	265 citations	840728 11 h-index	940516 16 g-index
17 all docs	17 docs citations	17 times ranked	78 citing authors

#	Article	IF	Citations
1	Response spectra for differential motion of columns paper II: Out-of-plane response. Soil Dynamics and Earthquake Engineering, 2006, 26, 1149-1160.	3.8	46
2	Permanent deformations and strains in a shear building excited by a strong motion pulse. Soil Dynamics and Earthquake Engineering, 2007, 27, 774-792.	3.8	26
3	Transient and permanent shear strains in a building excited by strong earthquake pulses. Soil Dynamics and Earthquake Engineering, 2009, 29, 1358-1366.	3.8	23
4	Rotations in a shear-beam model of a seven-story building caused by nonlinear waves during earthquake excitation. Structural Control and Health Monitoring, 2009, 16, 460-482.	4.0	22
5	Translation, torsion, and wave excitation of a building during soilâ€“structure interaction excited by an earthquake SH pulse. Soil Dynamics and Earthquake Engineering, 2015, 77, 391-401.	3.8	21
6	Energy dissipation by nonlinear soil strains during soilâ€“structure interaction excited by SH pulse. Soil Dynamics and Earthquake Engineering, 2012, 43, 261-270.	3.8	20
7	Seismic microzoning of Åtip in Macedonia. Soil Dynamics and Earthquake Engineering, 2017, 98, 54-66.	3.8	20
8	Transient and Permanent Rotations in a Shear Layer Excited by Strong Earthquake Pulses. Bulletin of the Seismological Society of America, 2009, 99, 1391-1403.	2.3	19
9	A note on predetermined earthquake damage scenarios for structural health monitoring. Structural Control and Health Monitoring, 2012, 19, 746-757.	4.0	19
10	Two-dimensional translation, rocking, and waves in a building during soil-structure interaction excited by a plane earthquake SV-wave pulse. Soil Dynamics and Earthquake Engineering, 2016, 88, 76-91.	3.8	17
11	Two-dimensional translation, rocking, and waves in a building during soil-structure interaction excited by a plane earthquake P-wave pulse. Soil Dynamics and Earthquake Engineering, 2016, 90, 454-466.	3.8	12
12	Amplification of linear strain in a layer excited by a shear-wave earthquake pulse. Soil Dynamics and Earthquake Engineering, 2010, 30, 1073-1081.	3.8	8
13	Reduction of peak ground velocity by nonlinear soil response â€“ I: Excitation by SH pulse. Soil Dynamics and Earthquake Engineering, 2019, 127, 105810.	3.8	5
14	Reduction of peak ground velocity by nonlinear soil response â€“ III: Excitation by an SV-wave pulse. Soil Dynamics and Earthquake Engineering, 2021, 145, 106535.	3.8	3
15	Flexibility of foundation increases the base shear and horizontal strains during an outâ€“ofâ€“plane response to an SH pulse in linear and nonlinear soil. Soil Dynamics and Earthquake Engineering, 2019, 127, 105837.	3.8	2
16	Reduction of peak ground velocity by nonlinear soil response â€” II: excitation by a P-wave pulse. Earthquake Engineering and Engineering Vibration, 2021, 20, 823-841.	2.3	2
17	Soil-Structure Interaction in Nonlinear Soil. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 151-168.	0.2	0