Chanseok Jeong

List of Publications by Year
in descending order

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25 papers	251 citations	1040056 9 h-index	996975 15 g-index
28 all docs	28 docs citations	28 times ranked	146 citing authors

#	Article	IF	Citations
1	Identification of a scatterer embedded in elastic heterogeneous media using dynamic XFEM. Computer Methods in Applied Mechanics and Engineering, 2013, 259, 50-63.	6.6	51
2	On numerical computation of impedance functions for rigid soil-structure interfaces embedded in heterogeneous half-spaces. Computers and Geotechnics, 2016, 72, 15-27.	4.7	33
3	Maximization of wave motion within a hydrocarbon reservoir for wave-based enhanced oil recovery. Journal of Petroleum Science and Engineering, 2015, 129, 205-220.	4.2	25
4	NEAR-SURFACE LOCALIZATION AND SHAPE IDENTIFICATION OF A SCATTERER EMBEDDED IN A HALFPLANE USING SCALAR WAVES. Journal of Computational Acoustics, 2009, 17, 277-308.	1.0	14
5	Seismic response of buried reservoir structures: a comparison of numerical simulations with centrifuge experiments. Soil Dynamics and Earthquake Engineering, 2018, 109, 89-101.	3.8	12
6	Seismic Input Motion Identification in a Heterogeneous Halfspace. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	12
7	On the feasibility of inducing oil mobilization in existing reservoirs via wellbore harmonic fluid action. Journal of Petroleum Science and Engineering, 2011, 76, 116-123.	4.2	11
8	Optimization of sources for focusing wave energy in targeted formations. Journal of Geophysics and Engineering, 2010, 7, 242-256.	1.4	10
9	Blind identification of site effects and bedrock motion from surface response signals. Soil Dynamics and Earthquake Engineering, 2018, 107, 322-331.	3.8	10
10	Maximization of Oil Mobility within a Hydrocarbon Reservoir for Elastic Wave-based Enhanced Oil Recovery. , 2011, , .		8
11	An inverse-source problem for maximization of pore-fluid oscillation within poroelastic formations. Inverse Problems in Science and Engineering, 2017, 25, 832-863.	1.2	8
12	Genetic Algorithmâ€“Based Acoustic-Source Inversion Approach to Detect Multiple Moving Wave Sources of an Arbitrary Number. Journal of Computing in Civil Engineering, 2017, 31, .	4.7	7
13	Adjoint Equation-Based Inverse-Source Modeling to Reconstruct Moving Acoustic Sources in a One-Dimensional Heterogeneous Solid. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	7
14	Passive seismic inversion of SH wave input motions in a truncated domain. Soil Dynamics and Earthquake Engineering, 2022, 158, 107263.	3.8	7
15	Full-Waveform Inversion of Incoherent Dynamic Traction in a Bounded 2D Domain of Scalar Wave Motions. Journal of Engineering Mechanics - ASCE, 2021, 147, .	2.9	6
16	On the feasibility of simultaneous identification of a material property of a Timoshenko beam and a moving vibration source. Engineering Structures, 2021, 227, 111346.	5.3	5
17	Estimation of Oil Production Rates in Reservoirs Exposed to Focused Vibrational Energy. , 2014, , .		4
18	Modal and nodal impedance functions for truncated semi-infinite soil domains. Soil Dynamics and Earthquake Engineering, 2017, 92, 192-202.	3.8	4

#	Article	IF	Citations
19	A Time-Domain Substructuring Method for Dynamic Soil Structure Interaction Analysis of Arbitrarily Shaped Foundation Systems on Heterogeneous Media. , 2013, , .		3
20	Numerical Investigation on the Feasibility of Estimating the Thickness of Europaâ€™s Ice Shell by a Planned Impact. Journal of Aerospace Engineering, 2016, 29, 04016035.	1.4	3
21	Spectral-Element Simulations of Acoustic Waves Induced by a Moving Underwater Source. Journal of Theoretical and Computational Acoustics, 2019, 27, 1850040.	1.1	3
22	Reconstruction of moving acoustic sources in heterogeneous elastic solid. , 2016, , .		2
23	Applicability of 3D Spectral Element Method for Computing Close-Range Underwater Piling Noises. Journal of Theoretical and Computational Acoustics, 2019, 27, 1950012.	1.1	2
24	Identifying Moving Vibrational Sources in a Truncated, Damped, Heterogeneous Solid. International Journal of Computational Methods, 2023, 20, .	1.3	2
25	Identification of Seismic Ground Motions in a Near-Surface 2D Domain Subject to Unknown SH Incident Waves. , 2022, , .		1