Terumi Touhei

List of Publications by Year
in descending order

12 papers	**41** citations	1937685 **4** h-index	1720034 **7** g-index
12 all docs	**12** docs citations	**12** times ranked	**9** citing authors

#	Article	IF	Citations
1	Generalized Fourier transform and its application to the volume integral equation for elastic wave propagation in a half space. International Journal of Solids and Structures, 2009, 46, 52-73.	2.7	9
2	A fast volume integral equation method for the direct/inverse problem in elastic wave scattering phenomena. International Journal of Solids and Structures, 2009, 46, 3860-3872.	2.7	9
3	A fast volume integral equation method for elastic wave propagation in a half space. International Journal of Solids and Structures, 2011, 48, 3194-3208.	2.7	9
4	Analysis of scattering waves in an elastic layered medium by means of the complete eigenfunction expansion form of the Green's function. International Journal of Solids and Structures, 2003, 40, 3347-3377.	2.7	7
5	Inverse scattering analysis of an elastic half-space by means of the fast volume integral equation method. Engineering Analysis With Boundary Elements, 2014, 44, 130-142.	3.7	2
6	A linear sampling method for detecting fluctuations of the wavefield in an elastic half-space. International Journal of Solids and Structures, 2015, 72, 26-37.	2.7	2
7	ANALYSIS OF ELASTIC WAVES IN FLUCTUATED MEDIA BY MEANS OF THE VOLUME INTEGRAL EQUATION METHOD ASSISTED BY THE FOURIER INTEGRAL TRANSFORM. Doboku Gakkai Ronbunshuu A, 2006, 62, 936-949.	0.3	1
8	Title is missing!. Journal of Applied Mechanics, 2007, 10, 17-26.	0.1	1
9	Inversion of point-like scatterers in an elastic half-space by the application of the far-field properties of the Green's function to the near-field operator. International Journal of Solids and Structures, 2018, 136-137, 112-124.	2.7	1
10	Pseudo-projection approach to reconstruct locations of point-like scatterers characterized by Lamé parameters and mass densities in an elastic half-space. International Journal of Solids and Structures, 2019, 169, 187-204.	2.7	0
11	A boundary-volume integral equation method for the analysis of wave scattering. Coupled Systems Mechanics, 2012, 1, 183-204.	0.4	0
12	A LINEAR SAMPLING METHOD FOR DETECTING CRACKS IN 3D ELASTIC WAVE FIELD. Journal of Japan Society of Civil Engineers Ser A2 (Applied Mechanics (AM)), 2015, 71, I_19-I_28.	0.1	0