

Kao-Hao Chang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

486
citations

840585

11
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytical approach for the scattering of SH waves by a symmetrical V-shaped canyon: shallow case. <i>Geophysical Journal International</i> , 2008, 174, 255-264.	1.0	79
2	An analytical approach for the scattering of SH waves by a symmetrical V-shaped canyon: deep case. <i>Geophysical Journal International</i> , 2010, 183, 1501-1511.	1.0	72
3	Effect of high temperature on the strength and thermal conductivity of glass fiber concrete. <i>Construction and Building Materials</i> , 2020, 245, 118387.	3.2	61
4	Scattering and focusing of SH waves by a convex circular-arc topography. <i>Geophysical Journal International</i> , 2009, 177, 222-234.	1.0	55
5	Scattering of SH waves by a circular sectorial canyon. <i>Geophysical Journal International</i> , 2013, 195, 532-543.	1.0	42
6	Scattering of SH Waves by Truncated Semicircular Canyon. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 862-870.	1.6	39
7	MULTIPLE SCATTERING OF SH WAVES BY AN EMBEDDED TRUNCATED CIRCULAR CAVITY. <i>Journal of Marine Science and Technology</i> , 2012, 20, .	0.1	30
8	SH-waves scattering from a partially filled semi-circular alluvial valley. <i>Geophysical Journal International</i> , 2008, 173, 157-167.	1.0	29
9	Exact solution to scattering of SH waves by an elliptic-arc canyon in the corner of an elastic quarter space. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 110, 137-140.	1.9	21
10	Response of a shallow asymmetric V-shaped canyon to antiplane elastic waves. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20140215.	1.0	17
11	Ground motions around a deep semielliptic canyon with a horizontal edge subjected to incident plane SH waves. <i>Journal of Seismology</i> , 2018, 22, 1579-1593.	0.6	16
12	Ground motions around a semicircular canyon with a dipping edge under SH plane wave incidence. <i>Journal of Seismology</i> , 2016, 20, 117-136.	0.6	12
13	Ground motions around a semi-circular valley partially filled with an inclined alluvial layer under SH-polarized excitation. <i>Earth, Planets and Space</i> , 2014, 66, .	0.9	4
14	TM Scattering From a Dielectric Biconvex Cylinder Loading a Shallow Circular Gap in a Perfectly Conducting Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2007, 55, 2928-2931.	3.1	3
15	Antiplane response of a flat-bottomed semicircular canyon to cylindrical elastic waves. <i>Journal of Engineering Mathematics</i> , 2020, 121, 125-139.	0.6	3
16	Modified $\langle \text{sc} \rangle \text{Lagrangian} \langle \text{sc} \rangle$ vortex method with improved boundary conditions for water waves past a thin bottom-€standing barrier. <i>International Journal for Numerical Methods in Fluids</i> , 2015, 77, 183-205.	0.9	2
17	Electromagnetic plane-wave scattering from a sectorial groove in a perfectly conducting plane. <i>Open Physics</i> , 2009, 7, .	0.8	1
18	TE-wave scattering from a shallow circular channel in a perfectly conducting plane. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2009, 31, 47-59.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Thermal Modeling of Ultrasound Diathermy in Tissues with a Circular Inclusion near a Curved Interface. Applied Sciences (Switzerland), 2022, 12, 5166.	1.3	0