Dozyslav B Kuryliak

List of Publications by Year
in descending order

31 papers	128 citations	1478505 6 h-index	1281871 11 g-index
31 all docs	31 docs citations	31 times ranked	26 citing authors

#	Article	IF	Citations
1	Convolution type operators for wave diffraction by conical structures. Radio Science, 2008, 43, .	1.6	18
2	DIFFRACTION OF AXIALLY-SYMMETRIC TM-WAVE FROM BI-CONE FORMED BY FINITE AND SEMI-INFINITE SHOULDERS. Progress in Electromagnetics Research B, 2016, 68, 73-88.	1.0	15
3	Acoustic plane wave diffraction from a truncated semi-infinite cone in axial irradiation. Journal of Sound and Vibration, 2017, 409, 81-93.	3.9	13
4	Diffraction of a Plane Acoustic Wave from a Finite Soft (Rigid) Cone in Axial Irradiation. Open Journal of Acoustics, 2015, 05, 193-206.	0.3	12
5	AXIALLY-SYMMETRIC TM-WAVES DIFFRACTION BY SPHERE-CONICAL CAVITY. Progress in Electromagnetics Research B, 2017, 73, 1-16.	1.0	11
6	To the problem of the subsurface defects detection: theory and experiment. Procedia Structural Integrity, 2019, 16, 11-18.	0.8	11
7	Resonant scattering of the SH-wave by the interface impedance defect in an elastic layer. , 2016, , .		7
8	Diffraction by semi-infinite cone formed with electric and magnetic surfaces: analytical regularization and Wiener–Hopf techniques. Journal of Engineering Mathematics, 2019, 115, 43-65.	1.2	6
9	Wave diffraction from the Biconical Section in the semi–infinite conical region. Mathematical Methods in the Applied Sciences, 2020, 43, 1565-1581.	2.3	6
10	Plane wave diffraction from a finite soft cone at oblique incidence. Journal of Sound and Vibration, 2019, 438, 309-323.	3.9	5
11	Scattering of the plane acoustic wave from a finite hollow rigid cone at oblique incidence. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800127.	1.6	5
12	Some Diffraction Problems Involving Conical Geometries and their Rigorous Analysis. , 2018, , .		3
13	Axially-symmetric excitation of the biconical scatterers. , 2014, , .		2
14	Axially symmetric TM-wave radiation through the ring slot in the sphere-conical resonator. , 2014, , .		2
15	The rigorous solution of the scattering problem for a finite cone embedded in a dielectric sphere surrounded by the dielectric medium. IET Microwaves, Antennas and Propagation, 2021, 15, 1181-1193.	1.4	2
16	Acoustic Plane Wave Diffraction from a Circular Soft Ring. Acta Acustica United With Acustica, 2019, 105, 805-813.	0.8	2
17	WAVE DIFFRACTION PROBLEM FROM A SEMI-INFINITE TRUNCATED CONE WITH THE CLOSED END. Progress in Electromagnetics Research C, 2018, 88, 251-267.	0.9	2
18	Diffraction of the sound wave by a finite soft (rigid) cone. , 2014, , .		1

#	Article	IF	Citations
19	Axially-symmetric excitation of the disc-cone by the ring magnetic source. , 2016, , .		1
20	Wave diffraction from the finite bicone. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	1
21	Electromagnetic field of the circular magnetic source in biconical section. Information Extraction and Processing, 2020, 2020, 5-10.	0.2	1
22	Acoustic Plane Wave Scattering from a Soft Finite Truncated Cone in Axial Irradiation. Acta Acustica United With Acustica, 2019, 105, 475-483.	0.8	1
23	Wave diffraction from the PEC finite wedge. Journal of Engineering Mathematics, 2022, 134, .	1.2	1
24	Electromagnetic excitation of bicone: Analysis of conical monopole and disc-conical scatterer. , 2014, , .		0
25	Finite cone excitation by the loop sources. , 2015, , .		0
26	Axially-symmetric wave diffraction by infinite bi-cone with truncated shoulder. , 2015, , .		0
27	Diffraction of the sound wave from a soft disc. , 2015, , .		0
28	Axially symmetric TM-wave illumination of the sphere-conical resonator. , 2016, , .		0
29	Axially symmetric TM-wave radiation from the sphere-conical cavity. , 2016, , .		0
30	Acoustic Plane Wave Diffraction by an Aperture in a Soft Infinite Screen. , 2018, , .		0
31	Identification of the Defect in the Elastic Layer by Sounding of the Normal Sh-Wave. Advances in Cyber-Physical Systems, 2019, 4, 132-136.	0.4	0