

Peter C Gibson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

106
citations

1937685

4
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse scattering for the one-dimensional Helmholtz equation with piecewise constant wave speed. Inverse Problems, 2020, 36, 075008.	2.0	4
2	Disk polynomials and the one-dimensional wave equation. Journal of Approximation Theory, 2019, 244, 37-56.	0.8	2
3	A scattering-based algorithm for wave propagation in one dimension. Numerical Methods for Partial Differential Equations, 2018, 34, 442-450.	3.6	3
4	Acoustic imaging of layered media. Journal of Computational Physics, 2018, 372, 524-545.	3.8	3
5	Inverse medium scattering from periodic structures with fixed-direction incoming waves. Inverse Problems, 2018, 34, 075011.	2.0	0
6	The refined impedance transform for 1D acoustic reflection data. Inverse Problems, 2018, 34, 075013.	2.0	1
7	Fourier Expansion of Disk Automorphisms via Scattering in Layered Media. Journal of Fourier Analysis and Applications, 2017, 23, 1495-1516.	1.0	5
8	On the measurement operator for scattering in layered media. Inverse Problems and Imaging, 2017, 11, 87-97.	1.1	2
9	A geometry where everything is better than nice. Proceedings of the American Mathematical Society, 2016, 145, 461-465.	0.8	4
10	The structure of test functions that determine weighted composition operators. , 2015, , .		1
11	Constructive solutions to PÃ³lya's Schur problems. Journal of Functional Analysis, 2015, 269, 3264-3281.	1.4	3
12	The Combinatorics of Scattering in Layered Media. SIAM Journal on Applied Mathematics, 2014, 74, 919-938.	1.8	10
13	Identification of minimum-phase-preserving operators on the half-line. Inverse Problems, 2012, 28, 065020.	2.0	3
14	Letter to the Editor: Stockwell and Wavelet Transforms. Journal of Fourier Analysis and Applications, 2006, 12, 713-721.	1.0	34
15	The Gabor transform, pseudodifferential operators, and seismic deconvolution. Integrated Computer-Aided Engineering, 2005, 12, 43-55.	4.6	31