

Peter C Gibson

List of Publications by Year in descending order

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