

# Elliott S Wise

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4434685/publications.pdf>

Version: 2024-02-01

9  
papers

100  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

89  
citing authors

#	ARTICLE	IF	CITATIONS
1	Representing arbitrary acoustic source and sensor distributions in Fourier collocation methods. Journal of the Acoustical Society of America, 2019, 146, 278-288.	1.1	34
2	Rapid calculation of acoustic fields from arbitrary continuous-wave sources. Journal of the Acoustical Society of America, 2018, 143, 529-537.	1.1	28
3	Nonlinear ultrasound simulation in an axisymmetric coordinate system using a $k$ -space pseudospectral method. Journal of the Acoustical Society of America, 2020, 148, 2288-2300.	1.1	18
4	Nonstandard Fourier Pseudospectral Time Domain (PSTD) Schemes for Partial Differential Equations. Communications in Computational Physics, 2018, 24, .	1.7	8
5	Mesh Density Functions Based on Local Bandwidth Applied to Moving Mesh Methods. Communications in Computational Physics, 2017, 22, 1286-1308.	1.7	5
6	Sputtering of cubic metal crystals by low-energy xenon-ions. Computational Materials Science, 2015, 107, 102-109.	3.0	4
7	Staircase-free acoustic sources for grid-based models of wave propagation. , 2017, , .		1
8	Bandwidth-based mesh adaptation in multiple dimensions. Journal of Computational Physics, 2018, 371, 651-662.	3.8	1
9	Pseudospectral Time-Domain (PSTD) Methods for the Wave Equation: Realizing Boundary Conditions with Discrete Sine and Cosine Transforms. Journal of Theoretical and Computational Acoustics, 2021, 29, .	1.1	1