

# Elliott S Wise

## List of Publications by Year in descending order

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9  
papers

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1684188  
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times ranked

89  
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Rapid calculation of acoustic fields from arbitrary continuous-wave sources. Journal of the Acoustical Society of America, 2018, 143, 529-537.	1.1	28
5	Bandwidth-based mesh adaptation in multiple dimensions. Journal of Computational Physics, 2018, 371, 651-662.	3.8	1
6	Nonstandard Fourier Pseudospectral Time Domain (PSTD) Schemes for Partial Differential Equations. Communications in Computational Physics, 2018, 24, .	1.7	8
7	Mesh Density Functions Based on Local Bandwidth Applied to Moving Mesh Methods. Communications in Computational Physics, 2017, 22, 1286-1308.	1.7	5
8	Staircase-free acoustic sources for grid-based models of wave propagation. , 2017, , .		1
9	Sputtering of cubic metal crystals by low-energy xenon-ions. Computational Materials Science, 2015, 107, 102-109.	3.0	4