

Ting Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4037616/publications.pdf>

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8
papers

1,423
citations

1306789

7
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the spectral element method for three-dimensional seismic wave propagation. <i>Geophysical Journal International</i> , 1999, 139, 806-822.	1.0	1,095
2	The spectral element method for elastic wave equations—application to 2-D and 3-D seismic problems. <i>International Journal for Numerical Methods in Engineering</i> , 1999, 45, 1139-1164.	1.5	164
3	Highly accurate stability-preserving optimization of the Zener viscoelastic model, with application to wave propagation in the presence of strong attenuation. <i>Geophysical Journal International</i> , 2016, 205, 414-426.	1.0	54
4	Energy efficiency vs. performance of the numerical solution of PDEs: An application study on a low-power ARM-based cluster. <i>Journal of Computational Physics</i> , 2013, 237, 132-150.	1.9	52
5	Simulations of ultrasonic wave propagation in concrete based on a two-dimensional numerical model validated analytically and experimentally. <i>Ultrasonics</i> , 2019, 92, 21-34.	2.1	25
6	Parallel three-dimensional electrical capacitance data imaging using a nonlinear inversion algorithm and model regularization. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 128, 428-445.	2.5	19
7	Broadband transmission losses and time dispersion maps from time-domain numerical simulations in ocean acoustics. <i>Journal of the Acoustical Society of America</i> , 2018, 144, EL222-EL228.	0.5	9
8	Numerical modeling of zero-offset laboratory data in a strong topographic environment: results for a spectral-element method and a discretized Kirchhoff integral method. <i>Earthquake Science</i> , 2014, 27, 391-399.	0.4	5