

# Bing Tie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5116207/publications.pdf>

Version: 2024-02-01

10  
papers

91  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-parameter optimization of attenuation data for characterizing grain size distributions and application to bimodal microstructures. <i>Ultrasonics</i> , 2021, 115, 106425.	3.9	5
2	Comparison of ultrasonic attenuation within two- and three-dimensional polycrystalline media. <i>Ultrasonics</i> , 2020, 100, 105980.	3.9	15
3	Systematic development of upwind numerical fluxes for the space discontinuous Galerkin method applied to elastic wave propagation in anisotropic and heterogeneous media with physical interfaces. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 372, 113352.	6.6	6
4	Some comparisons and analyses of time or space discontinuous Galerkin methods applied to elastic wave propagation in anisotropic and heterogeneous media. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2019, 6, .	1.7	1
5	Investigation of shock/elastic obstacles interactions by means of a coupling technique. <i>Journal of Fluids and Structures</i> , 2019, 84, 345-367.	3.4	4
6	Finite element modeling of grain size effects on the ultrasonic microstructural noise backscattering in polycrystalline materials. <i>Ultrasonics</i> , 2018, 87, 182-202.	3.9	26
7	A unified variational framework for the space discontinuous Galerkin method for elastic wave propagation in anisotropic and piecewise homogeneous media. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 338, 299-332.	6.6	9
8	Theoretical and numerical modeling of membrane and bending elastic wave propagation in honeycomb thin layers and sandwiches. <i>Journal of Sound and Vibration</i> , 2016, 382, 100-121.	3.9	11
9	Theoretical and numerical investigation of HF elastic wave propagation in two-dimensional periodic beam lattices. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2013, 29, 783-798.	3.4	8
10	Adaptive time discontinuous Galerkin method for numerical modelling of wave propagation in shell and 3D structures. <i>European Journal of Computational Mechanics</i> , 2006, 15, 729-757.	0.6	6