

# James S Hall

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

424  
citations

1040056

9  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum variance ultrasonic imaging applied to an in situ sparse guided wave array. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 2311-2323.	3.0	136
2	Guided Wave Damage Characterization via Minimum Variance Imaging with a Distributed Array of Ultrasonic Sensors. Journal of Nondestructive Evaluation, 2014, 33, 299-308.	2.4	73
3	Multipath ultrasonic guided wave imaging in complex structures. Structural Health Monitoring, 2015, 14, 345-358.	7.5	72
4	Minimum variance guided wave imaging in a quasi-isotropic composite plate. Smart Materials and Structures, 2011, 20, 025013.	3.5	41
5	Baseline-free guided wave imaging via adaptive source removal. Structural Health Monitoring, 2012, 11, 472-481.	7.5	24
6	Adaptive imaging of damage from changes in guided wave signals recorded from spatially distributed arrays. Proceedings of SPIE, 2009, , .	0.8	17
7	A model-based approach to dispersion and parameter estimation for ultrasonic guided waves. Journal of the Acoustical Society of America, 2010, 127, 920-930.	1.1	16
8	Computational efficiency of ultrasonic guided wave imaging algorithms. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 244-248.	3.0	15
9	Model-based parameter estimation for characterizing wave propagation in a homogeneous medium. Inverse Problems, 2011, 27, 035002.	2.0	13
10	BEAMFORMING OF WAVEFIELD DATA FROM EMBEDDED SOURCES FOR RAPID FOLLOW-UP INSPECTION OF INACCESSIBLE AREAS. , 2010, , .		4
11	Serum osmolality and effects of water deprivation in captive Asian elephants ( <i>Elephas maximus</i> ). Journal of Veterinary Diagnostic Investigation, 2012, 24, 688-695.	1.1	4
12	Multi-path guided wave imaging for in situ monitoring of complex structures. , 2013, , .		4
13	Perpendicular fluid flow measurement with a spatial array of ultrasonic transducers. , 2009, , .		3
14	ANALYSIS OF DISTRIBUTED SPARSE ARRAY CONFIGURATIONS FOR GUIDED WAVE IMAGING APPLICATIONS. , 2011, , .		2
15	MODEL-BASED IN SITU PARAMETER ESTIMATION OF ULTRASONIC GUIDED WAVES IN AN ISOTROPIC PLATE. , 2010, , .		0
16	Oncotic pressure and the effects of water deprivation in healthy captive Asian elephants. Journal of Veterinary Diagnostic Investigation, 2019, 31, 572-575.	1.1	0