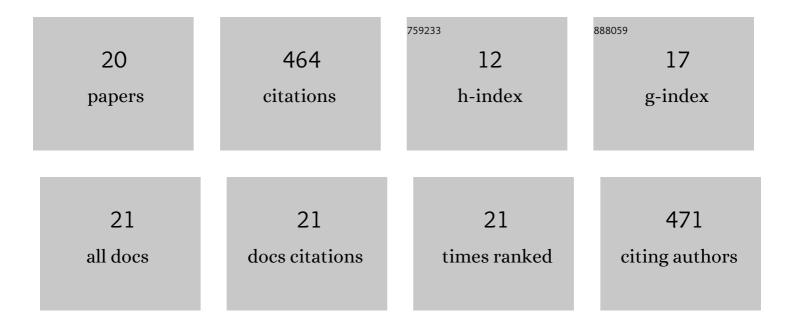
Sami Karkar

List of Publications by Year in descending order

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SAMI KADKAD

#	Article	IF	CITATIONS
1	Acoustic carpet cloak based on an ultrathin metasurface. Physical Review B, 2016, 94, .	3.2	127
2	A high-order, purely frequency based harmonic balance formulation for continuation of periodic solutions: The case of non-polynomial nonlinearities. Journal of Sound and Vibration, 2013, 332, 968-977.	3.9	51
3	Focal versus distributed temporal cortex activity for speech sound category assignment. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1299-E1308.	7.1	36
4	Broadband Low-Frequency Electroacoustic Absorbers Through Hybrid Sensor-/Shunt-Based Impedance Control. IEEE Transactions on Control Systems Technology, 2017, 25, 63-72.	5.2	34
5	Acoustic dispersive prism. Scientific Reports, 2016, 6, 18911.	3.3	32
6	A comparative study of the harmonic balance method and the orthogonal collocation method on stiff nonlinear systems. Journal of Sound and Vibration, 2014, 333, 2554-2567.	3.9	30
7	Frequency conversion induced by time-space modulated media. Physical Review B, 2017, 96, .	3.2	26
8	Exploiting the leaky-wave properties of transmission-line metamaterials for single-microphone direction finding. Journal of the Acoustical Society of America, 2016, 139, 3259-3266.	1.1	24
9	Regularized friction and continuation: Comparison with Coulomb's law. Journal of Sound and Vibration, 2017, 389, 350-363.	3.9	20
10	Oscillation threshold of a clarinet model: A numerical continuation approach. Journal of the Acoustical Society of America, 2012, 131, 698-707.	1.1	18
11	Broadband Nonreciprocal Acoustic Propagation Using Programmable Boundary Conditions: From Analytical Modeling to Experimental Implementation. Physical Review Applied, 2019, 12, .	3.8	16
12	One-way energy insulation using time-space modulated structures. Journal of Sound and Vibration, 2018, 429, 162-175.	3.9	14
13	Multi-degree-of-freedom low-frequency electroacoustic absorbers through coupled resonators. Applied Acoustics, 2018, 132, 109-117.	3.3	9
14	On the Optimisation of Multi-Degree-of-Freedom Acoustic Impedances of Low-Frequency Electroacoustic Absorbers for Room Modal Equalisation. Acta Acustica United With Acustica, 2017, 103, 1025-1036.	0.8	8
15	Reflection and transmission of waves incident on time-space modulated media. Physical Review B, 2018, 98, .	3.2	8
16	Acoustic Leaky-Wave antenna. , 2014, , .		4
17	Role of the Resonator Geometry on the Pressure Spectrum of Reed Conical Instruments. Acta Acustica United With Acustica, 2019, 105, 368-380.	0.8	3
18	Assessment of the harmonic balance method on a self-oscillating one-degree-of-freedom system with regularized friction. Nonlinear Dynamics, 2018, 92, 961-971.	5.2	2

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#	Article	IF	CITATIONS
19	On the design of unit-cells for acoustic metasurfaces. , 2015, , .		1

20 Electromagnetic inspired acoustic leaky-wave antenna. , 2016, , .