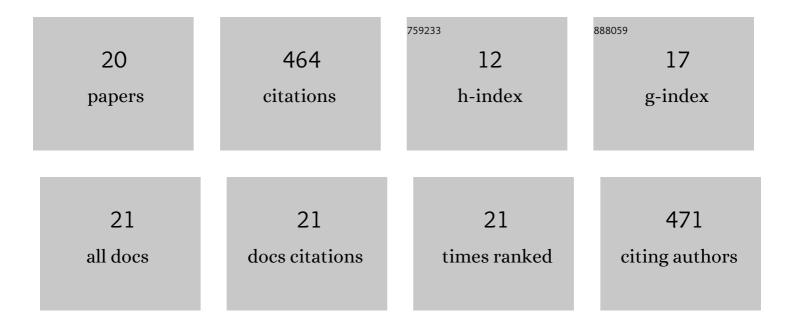
Sami Karkar

List of Publications by Year in descending order

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SAMI KADKAD

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Broadband Nonreciprocal Acoustic Propagation Using Programmable Boundary Conditions: From Analytical Modeling to Experimental Implementation. Physical Review Applied, 2019, 12, . | 3.8 | 16 |
| 2 | 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 |
| 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 | 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 |
| 5 | Multi-degree-of-freedom low-frequency electroacoustic absorbers through coupled resonators. Applied Acoustics, 2018, 132, 109-117. | 3.3 | 9 |
| 6 | One-way energy insulation using time-space modulated structures. Journal of Sound and Vibration, 2018, 429, 162-175. | 3.9 | 14 |
| 7 | Reflection and transmission of waves incident on time-space modulated media. Physical Review B, 2018, 98, . | 3.2 | 8 |
| 8 | 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 |
| 9 | Frequency conversion induced by time-space modulated media. Physical Review B, 2017, 96, . | 3.2 | 26 |
| 10 | Regularized friction and continuation: Comparison with Coulomb's law. Journal of Sound and Vibration, 2017, 389, 350-363. | 3.9 | 20 |
| 11 | 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 |
| 12 | Acoustic dispersive prism. Scientific Reports, 2016, 6, 18911. | 3.3 | 32 |
| 13 | 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 |
| 14 | Electromagnetic inspired acoustic leaky-wave antenna. , 2016, , . | | 0 |
| 15 | Acoustic carpet cloak based on an ultrathin metasurface. Physical Review B, 2016, 94, . | 3.2 | 127 |
| 16 | On the design of unit-cells for acoustic metasurfaces. , 2015, , . | | 1 |
| 17 | Acoustic Leaky-Wave antenna. , 2014, , . | | 4 |
| 18 | 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 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Oscillation threshold of a clarinet model: A numerical continuation approach. Journal of the Acoustical Society of America, 2012, 131, 698-707. | 1.1 | 18 |