

Shengbing Chen

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

363
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

194
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Wave propagation and attenuation in plates with periodic arrays of shunted piezo-patches. Journal of Sound and Vibration, 2013, 332, 1520-1532. | 3.9 | 125 |
| 2 | Low-frequency locally resonant band gaps induced by arrays of resonant shunts with Antoniou's circuit: experimental investigation on beams. Smart Materials and Structures, 2011, 20, 015026. | 3.5 | 79 |
| 3 | Vibration attenuations induced by periodic arrays of piezoelectric patches connected by enhanced resonant shunting circuits. Smart Materials and Structures, 2011, 20, 125019. | 3.5 | 62 |
| 4 | Large low-frequency vibration attenuation induced by arrays of piezoelectric patches shunted with amplifier-resonator feedback circuits. Smart Materials and Structures, 2016, 25, 015004. | 3.5 | 40 |
| 5 | Low-frequency vibration isolation in sandwich plates by piezoelectric shunting arrays. Smart Materials and Structures, 2016, 25, 125024. | 3.5 | 19 |
| 6 | Directionality of wave propagation and attenuation in plates with resonant shunting arrays. Journal of Intelligent Material Systems and Structures, 2016, 27, 28-38. | 2.5 | 15 |
| 7 | Analysis of in-plane wave propagation in periodic structures with Sierpinski-carpet unit cells. Journal of Sound and Vibration, 2017, 395, 127-141. | 3.9 | 15 |
| 8 | Wave propagation in acoustic metamaterials with resonantly shunted cross-shape piezos. Journal of Intelligent Material Systems and Structures, 2018, 29, 2744-2753. | 2.5 | 5 |
| 9 | Wave Propagation in L-Shape Beams with Piezoelectric Shunting Arrays. Shock and Vibration, 2019, 2019, 1-14. | 0.6 | 3 |