

Murat Altin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3546698/publications.pdf>

Version: 2024-02-01

9
papers

231
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

134
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | The effect of percent foam fill ratio on the energy absorption capacity of axially compressed thin-walled multi-cell square and circular tubes. <i>International Journal of Mechanical Sciences</i> , 2017, 131-132, 368-379. | 6.7 | 72 |
| 2 | Evaluation of various multi-cell design concepts for crashworthiness design of thin-walled aluminum tubes. <i>Thin-Walled Structures</i> , 2019, 142, 227-235. | 5.3 | 46 |
| 3 | Foam filling options for crashworthiness optimization of thin-walled multi-tubular circular columns. <i>Thin-Walled Structures</i> , 2018, 131, 309-323. | 5.3 | 36 |
| 4 | Investigation of combined effects of cross section, taper angle and cell structure on crashworthiness of multi-cell thin-walled tubes. <i>International Journal of Crashworthiness</i> , 2019, 24, 121-136. | 1.9 | 27 |
| 5 | Thermodynamic, dynamic and flow friction analysis of a Stirling engine with Scotch yoke piston driving mechanism. <i>Energy</i> , 2019, 168, 169-181. | 8.8 | 17 |
| 6 | Experimental and numerical investigation on the crashworthiness optimization of thin-walled aluminum tubes considering damage criteria. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1. | 1.6 | 12 |
| 7 | Multi-fidelity crashworthiness optimization of a bus bumper system under frontal impact. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1. | 1.6 | 8 |
| 8 | Exploring various options for improving crashworthiness performance of rail vehicle crash absorbers with diaphragms. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 3193-3208. | 3.5 | 8 |
| 9 | An investigation of the crashworthiness performance and optimization of tetra-chiral and reentrant crash boxes. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 6881-6904. | 4.7 | 5 |