

Antoine Falaize

List of Publications by Year in descending order

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7
papers

75
citations

1684188
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1872680
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7
times ranked

75
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Generalization of the Neville–Aitken interpolation algorithm on Grassmann manifolds: Applications to reduced order model. <i>International Journal for Numerical Methods in Fluids</i> , 2021, 93, 2421-2442. | 1.6 | 10 |
| 2 | Passive modelling of the electrodynamic loudspeaker: from the Thiele–Small model to nonlinear port-Hamiltonian systems. <i>Acta Acustica</i> , 2020, 4, 1. | 1.0 | 10 |
| 3 | POD-based reduced order model for flows induced by rigid bodies in forced rotation. <i>Journal of Fluids and Structures</i> , 2019, 91, 102593. | 3.4 | 4 |
| 4 | Passive simulation of the nonlinear port-Hamiltonian modeling of a Rhodes Piano. <i>Journal of Sound and Vibration</i> , 2017, 390, 289-309. | 3.9 | 14 |
| 5 | Passive Guaranteed Simulation of Analog Audio Circuits: A Port-Hamiltonian Approach. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 273. | 2.5 | 27 |
| 6 | Explicit second-order accurate method for the passive guaranteed simulation of port-Hamiltonian systems. <i>IFAC-PapersOnLine</i> , 2015, 48, 223-228. | 0.9 | 6 |
| 7 | Does inharmonicity improve an NMF-based piano transcription model?. , 2013, , . | | 4 |