

Hadrien Beriot

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

262
citations

1307594

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996975

15
g-index

23
all docs

23
docs citations

23
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient implementation of high-order finite elements for Helmholtz problems. International Journal for Numerical Methods in Engineering, 2016, 106, 213-240.	2.8	79
2	A comparison of high-order polynomial and wave-based methods for Helmholtz problems. Journal of Computational Physics, 2016, 321, 105-125.	3.8	39
3	A fast frequency sweep approach using Padé approximations for solving Helmholtz finite element models. Journal of Sound and Vibration, 2013, 332, 1897-1917.	3.9	23
4	Analysis of high-order finite elements for convected wave propagation. International Journal for Numerical Methods in Engineering, 2013, 96, 665-688.	2.8	22
5	Anisotropic adaptivity of the p-FEM for time-harmonic acoustic wave propagation. Journal of Computational Physics, 2019, 378, 234-256.	3.8	21
6	An automatic perfectly matched layer for acoustic finite element simulations in convex domains of general shape. International Journal for Numerical Methods in Engineering, 2021, 122, 1239.	2.8	17
7	Fast frequency sweep method for indirect boundary element models arising in acoustics. Engineering Analysis With Boundary Elements, 2016, 69, 32-45.	3.7	13
8	Stable Perfectly Matched Layers with Lorentz transformation for the convected Helmholtz equation. Journal of Computational Physics, 2021, 433, 110180.	3.8	9
9	A non-overlapping Schwarz domain decomposition method with high-order finite elements for flow acoustics. Computer Methods in Applied Mechanics and Engineering, 2020, 369, 113223.	6.6	6
10	A Two-Dimensional Model of Sound Transmission Through Curved and Staggered OGV: Effect of Inter-Vane Channel Mode Transitions. , 2019, , .		5
11	Impedance modelling of acoustically treated circumferential grooves for over-tip-rotor fan noise suppression. International Journal of Aeroacoustics, 2020, 19, 277-293.	1.3	5
12	Hybrid numerical model for acoustic propagation through sheared flows. Journal of Sound and Vibration, 2019, 463, 114951.	3.9	4
13	Anisotropic multi-level hp-refinement for quadrilateral and triangular meshes. Finite Elements in Analysis and Design, 2022, 203, 103700.	3.2	4
14	Construction and Numerical Assessment of Local Absorbing Boundary Conditions for Heterogeneous Time-Harmonic Acoustic Problems. SIAM Journal on Applied Mathematics, 2022, 82, 476-501.	1.8	4
15	An Update and Comparative Study of Acoustic Modeling and Solver Technologies in View of Pass-By Noise Simulation. SAE International Journal of Engines, 2014, 7, 1593-1609.	0.4	3
16	Two-dimensional sound transmission in realistic turbomachinery cascade. , 2019, , .		3
17	An Adaptive, High-Order Finite Element Method for Aeroengine Acoustics. , 2016, , .		1
18	Airfoil trailing-edge noise prediction combining a random particle-mesh method with a Helmholtz solver. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Frequency dependent selection of control sensors in multi-channel acoustic control. CEAS Space Journal, 2021, 13, 119-131.	2.3	1
20	An Adaptive Order Finite Element Method for poroelastic materials described through the Biot equations. International Journal for Numerical Methods in Engineering, 0, , .	2.8	1
21	Analytical study of the aerodynamic noise emitted by distributed electric propulsion systems. , 2022, , .		1
22	A Domain Decomposition Method with High-Order Finite Elements for Flow Acoustics. , 2019, , .		0
23	Trailing-Edge Noise Prediction by Solving Helmholtz Equation with Stochastic Source Term. AIAA Journal, 2022, 60, 1797-1816.	2.6	0