

Francesco Bonaldi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

80
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-order discontinuous Galerkin approach to the elasto-acoustic problem. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 358, 112634.	6.6	21
2	A Hybrid High-Order method for Kirchhoff–Love plate bending problems. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2018, 52, 393-421.	1.9	15
3	An asymptotic plate model for magneto-electro-thermo-elastic sensors and actuators. <i>Mathematics and Mechanics of Solids</i> , 2017, 22, 798-822.	2.4	11
4	Modeling of smart materials with thermal effects: Dynamic and quasi-static evolution. <i>Mathematical Models and Methods in Applied Sciences</i> , 2015, 25, 2633-2667.	3.3	9
5	Simulation of three-dimensional elastoacoustic wave propagation based on a Discontinuous Galerkin spectral element method. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 2206-2226.	2.8	7
6	Gradient discretization of two-phase flows coupled with mechanical deformation in fractured porous media. <i>Computers and Mathematics With Applications</i> , 2021, 98, 40-68.	2.7	6
7	Gradient discretization of two-phase poro-mechanical models with discontinuous pressures at matrix fracture interfaces. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2021, 55, 1741-1777.	1.9	5
8	Energy-stable discretization of two-phase flows in deformable porous media with frictional contact at matrix–fracture interfaces. <i>Journal of Computational Physics</i> , 2022, 455, 110984.	3.8	4
9	Mathematical and numerical modeling of plate dynamics with rotational inertia. <i>Journal of Numerical Mathematics</i> , 2018, 26, 21-33.	3.5	2
10	Collision, damage, smooth evolution of an articulation. The ‘tennis elbow’. <i>Meccanica</i> , 2013, 48, 1117-1126.	2.0	0