

Andrea Brugnoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5661509/publications.pdf>

Version: 2024-02-01

13
papers

95
citations

1684188

5
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

33
citing authors

#	ARTICLE	IF	CITATIONS
1	Port-Hamiltonian flexible multibody dynamics. <i>Multibody System Dynamics</i> , 2021, 51, 343-375.	2.7	5
2	Decoding and realising flapping flight with port-Hamiltonian system theory. <i>Annual Reviews in Control</i> , 2021, 51, 37-46.	7.9	7
3	A Port-Hamiltonian formulation of linear thermoelasticity and its mixed finite element discretization. <i>Journal of Thermal Stresses</i> , 2021, 44, 643-661.	2.0	5
4	Structure-preserving discretization of port-Hamiltonian plate models. <i>IFAC-PapersOnLine</i> , 2021, 54, 359-364.	0.9	0
5	Mixed finite elements for port-Hamiltonian models of von Kármán beams. <i>IFAC-PapersOnLine</i> , 2021, 54, 186-191.	0.9	1
6	Application of data-driven realizations to port-Hamiltonian flexible structures. <i>IFAC-PapersOnLine</i> , 2021, 54, 180-185.	0.9	1
7	Exterior and vector calculus views of incompressible Navier-Stokes port-Hamiltonian models. <i>IFAC-PapersOnLine</i> , 2021, 54, 173-179.	0.9	2
8	Partitioned finite element method for structured discretization with mixed boundary conditions. <i>IFAC-PapersOnLine</i> , 2020, 53, 7557-7562.	0.9	8
9	Partitioned Finite Element Method for the Mindlin Plate as a Port-Hamiltonian system. <i>IFAC-PapersOnLine</i> , 2019, 52, 88-95.	0.9	1
10	Port-Hamiltonian formulation and symplectic discretization of plate models Part I: Mindlin model for thick plates. <i>Applied Mathematical Modelling</i> , 2019, 75, 940-960.	4.2	30
11	Port-Hamiltonian formulation and symplectic discretization of plate models Part II: Kirchhoff model for thin plates. <i>Applied Mathematical Modelling</i> , 2019, 75, 961-981.	4.2	26
12	Interconnection of the Kirchhoff plate within the port-Hamiltonian framework*. , 2019, , .		2
13	Port-Hamiltonian modeling, discretization and feedback control of a circular water tank. , 2019, , .		7