

Julien Gomand

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

141
citations

2258059

3
h-index

2272923

4
g-index

12
all docs

12
docs citations

12
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	A port-Hamiltonian framework for operator force assisting systems: Application to the design of helicopter flight controls. Aerospace Science and Technology, 2018, 72, 493-501.	4.8	4
2	Understanding pilot biodynamical feedthrough coupling in helicopter adverse roll axis instability via lateral cyclic feedback control. Aerospace Science and Technology, 2016, 59, 18-31.	4.8	2
3	Maximum Power point Tracking Using P&O Control Optimized by a Neural Network Approach: A Good Compromise between Accuracy and Complexity. Energy Procedia, 2013, 42, 650-659.	1.8	48
4	Model-based decoupling control method for dual-drive gantry stages: A case study with experimental validations. Control Engineering Practice, 2013, 21, 298-307.	5.5	46
5	Modeling of inertial and compliance parametric uncertainties in Port-Hamiltonian Systems using LFR. , 2013, , .		0
6	Modelling and Control of a Complex Multi-physic System: Case of Helicopter Flight Axis Control. , 2012, , .		1
7	Complementary Use of BG and EMR Formalisms for Multiphysics Systems Analysis and Control. , 2012, , .		3
8	Model-based control of a dual-drive H-type gantry stage on a decoupling base. , 2010, , .		13
9	Decoupling basis control of dual-drive gantry stages for path-tracking applications. , 2010, , .		12
10	Analysis of the force ripples of a current loaded PMLSM. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2009, 28, 750-761.	0.9	0
11	Physical dynamic modelling and systematic control structure design of a double linear drive moving gantry stage industrial robot. , 2007, , .		6
12	Impact of permanent magnet field on inductance variation of a PMLSM. , 2007, , .		6