

# Joel Ferguson

## List of Publications by Year in descending order

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15  
papers

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citations

1936888

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1872312

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all docs

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docs citations

15  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integral Control of Port-Hamiltonian Systems: Nonpassive Outputs Without Coordinate Transformation. IEEE Transactions on Automatic Control, 2017, 62, 5947-5953.	3.6	31
2	A Passivity Based Sliding Mode Controller for Simple Port-Hamiltonian Systems. , 2021, 5, 839-844.		17
3	Disturbance rejection via control by interconnection of port-Hamiltonian systems. , 2015, , .		15
4	Matched Disturbance Rejection for a Class of Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1710-1715.	3.6	15
5	Exponential Stability and Local ISS for DC Networks. , 2021, 5, 893-898.		14
6	Kinetic-Potential Energy Shaping for Mechanical Systems With Applications to Tracking. , 2019, 3, 960-965.		13
7	Robust integral action of port-Hamiltonian systems. IFAC-PapersOnLine, 2018, 51, 181-186.	0.5	8
8	Robust Trajectory Tracking Control for Fully Actuated Marine Surface Vehicle. IEEE Access, 2020, 8, 223897-223904.	2.6	7
9	Matched disturbance rejection for energy-shaping controlled underactuated mechanical systems. , 2017, , .		6
10	On the Experiments About the Nonprehensile Reconfiguration of a Rolling Sphere on a Plate. , 2018, , .		5
11	On Matched Disturbance Suppression for Port-Hamiltonian Systems. , 2020, 4, 892-897.		5
12	Decentralized Temperature and Storage Volume Control in Multiproducer District Heating. , 2023, 7, 413-418.		4
13	Decentralized control for l 2 weak string stability of vehicle platoon. IFAC-PapersOnLine, 2017, 50, 15012-15017.	0.5	3
14	Passive momentum observer for mechanical systems. IFAC-PapersOnLine, 2021, 54, 131-136.	0.5	3
15	Path following via kinetic-potential energy shaping. , 2020, , .		1