

# Mirko Mazzoleni

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

239  
citations

1307594

7  
h-index

1199594

12  
g-index

38  
all docs

38  
docs citations

38  
times ranked

98  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of data-driven fault detection methods with application to aerospace electro-mechanical actuators. IFAC-PapersOnLine, 2017, 50, 12797-12802.	0.9	21
2	Experimental Development of a Health Monitoring Method for Electro-Mechanical Actuators of Flight Control Primary Surfaces in More Electric Aircrafts. IEEE Access, 2019, 7, 153618-153634.	4.2	20
3	Modeling and identification of an Electro-Hydraulic Actuator. , 2016, , .		17
4	Fault detection in airliner electro-mechanical actuators via hybrid particle filtering. IFAC-PapersOnLine, 2017, 50, 2860-2865.	0.9	17
5	Development of a reliable electro-mechanical actuator for primary control surfaces in small aircrafts. , 2017, , .		17
6	Electro-Mechanical Actuators for the More Electric Aircraft. Advances in Industrial Control, 2021, , .	0.5	13
7	Nonlinear system identification via data augmentation. Systems and Control Letters, 2019, 128, 56-63.	2.3	12
8	Classification algorithms analysis for brain-computer interface in drug craving therapy. Biomedical Signal Processing and Control, 2019, 52, 463-472.	5.7	12
9	A Note on the Numerical Solutions of Kernel-Based Learning Problems. IEEE Transactions on Automatic Control, 2021, 66, 940-947.	5.7	8
10	Fault Detection via modified Principal Direction Divisive Partitioning and application to aerospace electro-mechanical actuators. , 2014, , .		7
11	Semi-supervised learning of dynamical systems: a preliminary study. , 2018, , .		7
12	Kernel-based identification of asymptotically stable continuous-time linear dynamical systems. International Journal of Control, 2022, 95, 1668-1681.	1.9	7
13	Visualizing Classification Results: Confusion Star and Confusion Gear. IEEE Access, 2022, 10, 1659-1677.	4.2	7
14	Condition assessment of electro-mechanical actuators for aerospace using relative density-ratio estimation. IFAC-PapersOnLine, 2018, 51, 957-962.	0.9	6
15	Development and Experimental Testing of a Health Monitoring System of Electro-Mechanical Actuators for Small Airplanes. , 2018, , .		6
16	Identification of nonlinear dynamical system with synthetic data: a preliminary investigation. IFAC-PapersOnLine, 2018, 51, 622-627.	0.9	5
17	Condition Monitoring of Electro-Mechanical Actuators for Aerospace Using Batch Change Detection Algorithms. , 2018, , .		5
18	Inertial load classification of low-cost electro-mechanical systems under dataset shift with fast end of line testing. Engineering Applications of Artificial Intelligence, 2021, 105, 104446.	8.1	5

#	ARTICLE	IF	CITATIONS
19	An agent-based model to assess large-scale COVID-19 vaccination campaigns for the Italian territory: The case study of Lombardy region. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 224, 107029.	4.7	5
20	A Comparison of Classification Algorithms for Brain Computer Interface in Drug Craving Treatment. <i>IFAC-PapersOnLine</i> , 2015, 48, 487-492.	0.9	4
21	A comparison of manifold regularization approaches for kernel-based system identification. <i>IFAC-PapersOnLine</i> , 2019, 52, 180-185.	0.9	4
22	Data on the first endurance activity of a Brushless DC motor for aerospace applications. <i>Data in Brief</i> , 2020, 29, 105153.	1.0	4
23	Kernel-based system identification with manifold regularization: A Bayesian perspective. <i>Automatica</i> , 2022, 142, 110419.	5.0	4
24	Reliability and Safety of Electro-Mechanical Actuators for Aircraft Applications. <i>Advances in Industrial Control</i> , 2021, , 45-85.	0.5	3
25	KBERG: A MatLab toolbox for nonlinear kernel-based regularization and system identification. <i>IFAC-PapersOnLine</i> , 2020, 53, 1231-1236.	0.9	3
26	Enhanced kernels for nonparametric identification of a class of nonlinear systems. , 2020, , .		3
27	Mechatronics applications of condition monitoring using a statistical change detection method. <i>IFAC-PapersOnLine</i> , 2020, 53, 92-97.	0.9	3
28	Unsupervised learning of fundamental emotional states via word embeddings. , 2017, , .		2
29	Classification of Light Charged Particles Via Learning-Based System Identification. , 2018, , .		2
30	A SIAT3HE model of the COVID-19 pandemic in Bergamo, Italy. <i>IFAC-PapersOnLine</i> , 2021, 54, 263-268.	0.9	2
31	A kernel-based control approach for multi-period assets allocation based on lower partial moments. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 110, 104659.	8.1	1
32	Low computational complexity control of a three-phases open-windings AC brushless motor. , 2016, , .		0
33	Control-oriented modeling of SKU-level demand in retail food market. <i>IFAC-PapersOnLine</i> , 2017, 50, 13003-13008.	0.9	0
34	A comparison of envelope and statistical analyses for bearing diagnosis in hot steel rolling mill lines. , 2021, , .		0