

Giuseppe De Nicolao

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,762
citations

567281

15
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

2164
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes: Models, Signals, and Control. IEEE Reviews in Biomedical Engineering, 2009, 2, 54-96.	18.0	431
2	A new kernel-based approach for linear system identification. Automatica, 2010, 46, 81-93.	5.0	409
3	Fully Integrated Artificial Pancreas in Type 1 Diabetes. Diabetes, 2012, 61, 2230-2237.	0.6	343
4	Model Predictive Control of Type 1 Diabetes: An <i>in Silico</i> Trial. Journal of Diabetes Science and Technology, 2007, 1, 804-812.	2.2	265
5	Prediction error identification of linear systems: A nonparametric Gaussian regression approach. Automatica, 2011, 47, 291-305.	5.0	244
6	Multinational Study of Subcutaneous Model-Predictive Closed-Loop Control in Type 1 Diabetes Mellitus: Summary of the Results. Journal of Diabetes Science and Technology, 2010, 4, 1374-1381.	2.2	188
7	Modeling vaccination rollouts, SARS-CoV-2 variants and the requirement for non-pharmaceutical interventions in Italy. Nature Medicine, 2021, 27, 993-998.	30.7	161
8	Histological effects of givinostat in boys with Duchenne muscular dystrophy. Neuromuscular Disorders, 2016, 26, 643-649.	0.6	144
9	Run-to-Run Tuning of Model Predictive Control for Type 1 Diabetes Subjects: In Silico Trial. Journal of Diabetes Science and Technology, 2009, 3, 1091-1098.	2.2	95
10	Day and Night Closed-Loop Control in Adults With Type 1 Diabetes. Diabetes Care, 2013, 36, 3882-3887.	8.6	95
11	Artificial Pancreas: Model Predictive Control Design from Clinical Experience. Journal of Diabetes Science and Technology, 2013, 7, 1470-1483.	2.2	94
12	Citation gaming induced by bibliometric evaluation: A country-level comparative analysis. PLoS ONE, 2019, 14, e0221212.	2.5	65
13	Do they agree? Bibliometric evaluation versus informed peer review in the Italian research assessment exercise. Scientometrics, 2016, 108, 1651-1671.	3.0	49
14	Multicenter Closed-Loop Insulin Delivery Study Points to Challenges for Keeping Blood Glucose in a Safe Range by a Control Algorithm in Adults and Adolescents with Type 1 Diabetes from Various Sites. Diabetes Technology and Therapeutics, 2014, 16, 613-622.	4.4	43
15	Model individualization for artificial pancreas. Computer Methods and Programs in Biomedicine, 2019, 171, 133-140.	4.7	39
16	Opinion Dynamics in Social Networks: The Effect of Centralized Interaction Tuning on Emerging Behaviors. IEEE Transactions on Computational Social Systems, 2020, 7, 362-372.	4.4	15
17	Diabetes-associated genetic variation in TCF7L2 alters pulsatile insulin secretion in humans. JCI Insight, 2020, 5, .	5.0	14
18	Identification of AC Distribution Networks With Recursive Least Squares and Optimal Design of Experiment. IEEE Transactions on Control Systems Technology, 2022, 30, 1750-1757.	5.2	10

#	ARTICLE	IF	CITATIONS
19	An Exact Algorithm for the Optimal Chiller Loading Problem and Its Application to the Optimal Chiller Sequencing Problem. <i>Energies</i> , 2020, 13, 6372.	3.1	8
20	On the agreement between bibliometrics and peer review: Evidence from the Italian research assessment exercises. <i>PLoS ONE</i> , 2020, 15, e0242520.	2.5	7
21	Spectral Characterization of the Multi-Seasonal Component of the Italian Electric Load: A LASSO-FFT Approach. , 2020, 4, 187-192.		6
22	In Vitroâ€“In Vivo Correlation (IVIVC) Population Modeling for the In Silico Bioequivalence of a Long-Acting Release Formulation of Progesterone. <i>Pharmaceutics</i> , 2021, 13, 255.	4.5	6
23	Model-based identification of eating behavioral patterns in populations with type 1 diabetes. <i>Control Engineering Practice</i> , 2022, 123, 105128.	5.5	6
24	Reply to the comment of Bertocchi et al.. <i>Scientometrics</i> , 2016, 108, 1675-1684.	3.0	5
25	Long- and short-term electric load forecasting on quarter-hour data: A 3-torus approach. , 2016, , .		4
26	Systemic Exposure of Rituximab Increased by Ibrutinib: Pharmacokinetic Results and Modeling Based on the HELIOS Trial. <i>Pharmaceutical Research</i> , 2019, 36, 93.	3.5	4
27	vanilla-option-pricing: Pricing and market calibration for options on energy commodities. <i>Software Impacts</i> , 2020, 6, 100043.	1.4	4
28	MCMC calibration of spotâ€“prices models in electricity markets. <i>Applied Stochastic Models in Business and Industry</i> , 2020, 36, 62-76.	1.5	3
29	Regularization methods for the short-term forecasting of the Italian electric load. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 51, 101960.	2.7	3
30	Fast calibration of twoâ€“factor models for energy option pricing. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 661.	1.5	1
31	Short-term forecasting of the Italian load demand during the Easter Week. <i>Neural Computing and Applications</i> , 2022, 34, 6257.	5.6	1
32	Accuracy and Robustness Against Covariate Shift of Water Chiller Models. , 2018, , .		0
33	Just an artifact? The concordance between peer review and bibliometrics in economics and statistics in the Italian research assessment exercise. <i>Quantitative Science Studies</i> , 2022, 3, 194-207.	3.3	0
34	Title is missing!. , 2020, 15, e0242520.		0
35	Title is missing!. , 2020, 15, e0242520.		0
36	Title is missing!. , 2020, 15, e0242520.		0

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37	Title is missing!. , 2020, 15, e0242520.		0
38	Title is missing!. , 2020, 15, e0242520.		0