

# Anirudh Nath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1614310/publications.pdf>

Version: 2024-02-01

13  
papers

226  
citations

1307594

7  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observer based nonlinear control design for glucose regulation in type 1 diabetic patients: An LMI approach. Biomedical Signal Processing and Control, 2019, 47, 7-15.	5.7	42
2	Blood glucose regulation in type 1 diabetic patients: an adaptive parametric compensation control-based approach. IET Systems Biology, 2018, 12, 219-225.	1.5	41
3	Physiological Models and Control for Type 1 Diabetes Mellitus: A Brief Review. IFAC-PapersOnLine, 2018, 51, 289-294.	0.9	28
4	An augmented subcutaneous type 1 diabetic patient modelling and design of adaptive glucose control. Journal of Process Control, 2020, 86, 94-105.	3.3	25
5	Robust observer-based adaptive control of blood glucose in diabetic patients. International Journal of Control, 2021, 94, 3054-3067.	1.9	24
6	Attractive Ellipsoid Sliding Mode Observer Design for State of Charge Estimation of Lithium-Ion Cells. IEEE Transactions on Vehicular Technology, 2020, 69, 14701-14712.	6.3	22
7	Robust observer based control for plasma glucose regulation in type 1 diabetes patient using attractive ellipsoid method. IET Systems Biology, 2019, 13, 84-91.	1.5	14
8	Performance prediction of 60kW PV power plant in an educational institute. International Journal of Ambient Energy, 2013, 34, 112-121.	2.5	7
9	Closed Loop Blood Glucose Regulation of Type 1 Diabetic Patient Using Takagi-Sugeno Fuzzy Logic Control. Advances in Intelligent Systems and Computing, 2018, , 286-296.	0.6	6
10	Control-Oriented Physics-Based Modeling and Observer Design for State-of-Charge Estimation of Lithium-Ion Cells for High Current Applications. IEEE Transactions on Control Systems Technology, 2022, 30, 2466-2479.	5.2	5
11	Robust guaranteed-cost output feedback control of blood glucose in type 1 diabetes patient with inpatient variability. Optimal Control Applications and Methods, 2020, 41, 1422-1438.	2.1	4
12	Magnetic ball levitation system control using sliding mode control and fuzzy PD+I control: A comparative study. , 2015, , .		3
13	A Comparative Study of Observer-Based State-of-Charge Estimation using Single-Particle Model with Electrolyte Dynamics and Equivalent Circuit Model of Lithium-ion Cells. IFAC-PapersOnLine, 2022, 55, 541-546.	0.9	1