

# MirSaleh Bahavarnia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/318478/publications.pdf>

Version: 2024-02-01

13  
papers

78  
citations

2682572

2  
h-index

2550090

3  
g-index

13  
all docs

13  
docs citations

13  
times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new view to Ziegler's Nichols step response tuning method: Analytic non-fragility justification. Journal of Process Control, 2013, 23, 23-33.	3.3	28
2	Closed-loop feedback sparsification under parametric uncertainties. , 2016, , .		18
3	Periodic time-triggered sparse Linear Quadratic Controller design. , 2016, , .		7
4	State feedback controller sparsification via a notion of non-fragility. , 2017, , .		6
5	Performance bounds and optimal design of randomly switching linear consensus networks. , 2017, , .		5
6	Row-column sparse linear quadratic controller design via Bi-linear rank penalty technique and non-fragility notion. , 2017, , .		4
7	Non-Fragile Tuning of Fractional-Order PD Controllers for IPD-Modelled Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 361-366.	0.4	3
8	Controller Synthesis subject to Logical and Structural Constraints: A Satisfiability Modulo Theories (SMT) Approach. , 2020, , .		2
9	Resilient Sparse Controller Design with Guaranteed Disturbance Attenuation. , 2020, , .		2
10	A probabilistic framework to achieve robust non-fragile tuning methods: PD control of IPD-modeled processes. International Journal of Robust and Nonlinear Control, 2022, 32, 9593-9609.	3.7	2
11	Improving sparsity in time and space via self-triggered sparse optimal controllers. , 2017, , .		1
12	Structured Sparse Approximation of a Linear Undirected Consensus Network. , 2018, , .		0
13	State-Feedback Controller Sparsification via Quasi-Norms. , 2019, , .		0