

# Mahyar Fazlyab

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2248579/publications.pdf>

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16  
papers

280  
citations

1937685

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2272923

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16  
all docs

16  
docs citations

16  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety Verification and Robustness Analysis of Neural Networks via Quadratic Constraints and Semidefinite Programming. IEEE Transactions on Automatic Control, 2022, 67, 1-15.	5.7	61
2	DeepSplit: Scalable Verification of Deep Neural Networks via Operator Splitting. , 2022, 1, 126-140.		2
3	A Control-Theoretic Approach to Analysis and Parameter Selection of Douglasâ€“Rachford Splitting. , 2020, 4, 199-204.		3
4	Probabilistic Verification and Reachability Analysis of Neural Networks via Semidefinite Programming. , 2019, , .		20
5	Robust Convergence Analysis of Three-Operator Splitting. , 2019, , .		0
6	A Prediction-Correction Primal-Dual Algorithm for Distributed Optimization. , 2019, , .		1
7	Prediction-Correction Interior-Point Method for Time-Varying Convex Optimization. IEEE Transactions on Automatic Control, 2018, 63, 1973-1986.	5.7	73
8	A Chebyshev-Accelerated Primal-Dual Method for Distributed Optimization. , 2018, , .		5
9	Design of First-Order Optimization Algorithms via Sum-of-Squares Programming. , 2018, , .		5
10	Distributed Smooth and Strongly Convex Optimization with Inexact Dual Methods. , 2018, , .		6
11	Analysis of Optimization Algorithms via Integral Quadratic Constraints: Nonstrongly Convex Problems. SIAM Journal on Optimization, 2018, 28, 2654-2689.	2.0	55
12	A dynamical systems perspective to convergence rate analysis of proximal algorithms. , 2017, , .		3
13	A variational approach to dual methods for constrained convex optimization. , 2017, , .		9
14	Interior point method for dynamic constrained optimization in continuous time. , 2016, , .		17
15	Effect of Dexamethasone Intraligamentary Injection on Post-Endodontic Pain in Patients with Symptomatic Irreversible Pulpitis: A Randomized Controlled Clinical Trial. Iranian Endodontic Journal, 2016, 11, 261-266.	0.8	14
16	Robust topology identification and control of LTI networks. , 2014, , .		6