

Boris Polyak

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

156
citations

1684188

5
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	On Existence and Stability of Equilibria of Linear Time-Invariant Systems With Constant Power Loads. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 114-121.	5.4	79
2	Lyapunov Functions: An Optimization Theory Perspective * *This work was supported by the Russian Scientific Foundation, project no. 16-11-10015. IFAC-PapersOnLine, 2017, 50, 7456-7461.	0.9	27
3	Robust eigenvector of a stochastic matrix with application to PageRank. , 2012, , .		11
4	Special issue on the set membership modelling of uncertainties in dynamical systems. Mathematical and Computer Modelling of Dynamical Systems, 2005, 11, 123-124.	2.2	10
5	Adaptive randomized algorithm for finding eigenvector of stochastic matrix with application to PageRank. , 2009, , .		10
6	Why Does Monte Carlo Fail to Work Properly in High-Dimensional Optimization Problems?. Journal of Optimization Theory and Applications, 2017, 173, 612-627.	1.5	6
7	Convexity/Nonconvexity Certificates for Power Flow Analysis. Trends in Mathematics, 2017, , 221-230.	0.1	6
8	A randomized algorithm for finding eigenvector of stochastic matrix with application to PageRank problem. , 2009, , .		5
9	Quadratic image of a ball: Towards efficient description of the boundary. , 2014, , .		1
10	Non-monotone Behavior of the Heavy Ball Method. Springer Proceedings in Mathematics and Statistics, 2020, , 213-230.	0.2	1