Pavel E Dvurechensky

List of Publications by Year
in descending order

37 papers	416 citations	840119 11 h-index	940134 16 g-index
40 all docs	40 docs citations	40 times ranked	96 citing authors

#	Article	IF	Citations
1	Stochastic Intermediate Gradient Method for Convex Problems with Stochastic Inexact Oracle. Journal of Optimization Theory and Applications, 2016, 171, 121-145.	0.8	36
2	Dual approaches to the minimization of strongly convex functionals with a simple structure under affine constraints. Computational Mathematics and Mathematical Physics, 2017, 57, 1262-1276.	0.2	27
3	Inexact model: a framework for optimization and variational inequalities. Optimization Methods and Software, 2021, 36, 1155-1201.	1.6	26
4	Gradient Methods for Problems with Inexact Model of the Objective. Lecture Notes in Computer Science, 2019, , 97-114.	1.0	25
5	Distributed Computation of Wasserstein Barycenters Over Networks. , 2018, , .		22
6	Fast Primal-Dual Gradient Method for Strongly Convex Minimization Problems with Linear Constraints. Lecture Notes in Computer Science, 2016, , 391-403.	1.0	21
7	Accelerated Primal-Dual Gradient Descent with Linesearch for Convex, Nonconvex, and Nonsmooth Optimization Problems. Doklady Mathematics, 2019, 99, 125-128.	0.1	18
8	An accelerated directional derivative method for smooth stochastic convex optimization. European Journal of Operational Research, 2021, 290, 601-621.	3.5	18
9	Primalâ€"dual accelerated gradient methods with small-dimensional relaxation oracle. Optimization Methods and Software, 2021, 36, 773-810.	1.6	16
10	Mirror Descent and Convex Optimization Problems with Non-smooth Inequality Constraints. Lecture Notes in Mathematics, 2018, , 181-213.	0.1	15
11	Stochastic intermediate gradient method for convex optimization problems. Doklady Mathematics, 2016, 93, 148-151.	0.1	14
12	On Primal and Dual Approaches for Distributed Stochastic Convex Optimization over Networks. , 2019, , .		14
13	First-Order Methods for Convex Optimization. EURO Journal on Computational Optimization, 2021, 9, 100015.	1.5	14
14	An Accelerated Method For Decentralized Distributed Stochastic Optimization Over Time-Varying Graphs. , 2021, , .		13
15	An Adaptive Proximal Method for Variational Inequalities. Computational Mathematics and Mathematical Physics, 2019, 59, 836-841.	0.2	11
16	Universal intermediate gradient method for convex problems with inexact oracle. Optimization Methods and Software, 0, , 1-28.	1.6	10
17	Algorithms for computing Minkowski operators and their application in differential games. Computational Mathematics and Mathematical Physics, 2014, 54, 235-264.	0.2	9
18	Universal Method of Searching for Equilibria and Stochastic Equilibria in Transportation Networks. Computational Mathematics and Mathematical Physics, 2019, 59, 19-33.	0.2	9

#	Article	IF	Citations
19	Parallel Algorithms and Probability of Large Deviation for Stochastic Convex Optimization Problems. Numerical Analysis and Applications, 2018, 11, 33-37.	0.2	8
20	Optimal Combination of Tensor Optimization Methods. Lecture Notes in Computer Science, 2020, , 166-183.	1.0	8
21	On the line-search gradient methods for stochastic optimization. IFAC-PapersOnLine, 2020, 53, 1715-1720.	0.5	8
22	Composite optimization for the resource allocation problem. Optimization Methods and Software, 2021, 36, 720-754.	1.6	7
23	Zeroth-Order Algorithms for Smooth Saddle-Point Problems. Communications in Computer and Information Science, 2021, , 71-85.	0.4	7
24	A Stable Alternative to Sinkhornâ€™s Algorithm for Regularized Optimal Transport. Lecture Notes in Computer Science, 2020, , 406-423.	1.0	7
25	An Accelerated Second-Order Method for Distributed Stochastic Optimization. , 2021, , .		7
26	About the Power Law of the PageRank Vector Component Distribution. Part 2. The Buckleyâ€“Osthus Model, Verification of the Power Law for This Model, and Setup of Real Search Engines. Numerical Analysis and Applications, 2018, 11, 16-32.	0.2	6
27	Primal-Dual Methods for Solving Infinite-Dimensional Games. Journal of Optimization Theory and Applications, 2015, 166, 23-51.	0.8	4
28	About the Power Law of the PageRank Vector Component Distribution. Part 1. Numerical Methods for Finding the PageRank Vector. Numerical Analysis and Applications, 2017, 10, 299-312.	0.2	4
29	Multimarginal Optimal Transport by Accelerated Alternating Minimization. , 2020, , .		3
30	An Accelerated Method for Derivative-Free Smooth Stochastic Convex Optimization. SIAM Journal on Optimization, 2022, 32, 1210-1238.	1.2	3
31	Generalized Mirror Prox Algorithm for Monotone Variational Inequalities: Universality and Inexact Oracle. Journal of Optimization Theory and Applications, 2022, 194, 988-1013.	0.8	3
32	Generalized self-concordant analysis of Frankâ€“Wolfe algorithms. Mathematical Programming, 2023, 198, 255-323.	1.6	2
33	Stochastic saddle-point optimization for the Wasserstein barycenter problem. Optimization Letters, 2022, 16, 2145-2175.	0.9	2
34	Oracle Complexity Separation in Convex Optimization. Journal of Optimization Theory and Applications, 2022, 193, 462-490.	0.8	2
35	Alternating minimization methods for strongly convex optimization. Journal of Inverse and Ill-Posed Problems, 2021, 29, 721-739.	0.5	1
36	Strongly Convex Optimization for the Dual Formulation of Optimal Transport. Communications in Computer and Information Science, 2020, , 192-204.	0.4	1

#	Article	IF	Citations
37	Stochastic Optimization forÂDynamic Pricing. Communications in Computer and Information Science, 2021, , 82-94.	0.4	1