Ernest K Ryu

List of Publications by Year
in descending order

14 papers	**214** citations	1163117 **8** h-index	1125743 **13** g-index
14 all docs	**14** docs citations	**14** times ranked	**167** citing authors

#	Article	IF	Citations
1	A Parallel Method for Earth Mover's Distance. Journal of Scientific Computing, 2018, 75, 182-197.	2.3	42
2	Decentralized Proximal Gradient Algorithms With Linear Convergence Rates. IEEE Transactions on Automatic Control, 2021, 66, 2787-2794.	5.7	41
3	Finding the Forward-Douglas–Rachford-Forward Method. Journal of Optimization Theory and Applications, 2020, 184, 858-876.	1.5	30
4	Uniqueness of DRS as the 2 operator resolvent-splitting and impossibility of 3 operator resolvent-splitting. Mathematical Programming, 2020, 182, 233-273.	2.4	22
5	Operator Splitting Performance Estimation: Tight Contraction Factors and Optimal Parameter Selection. SIAM Journal on Optimization, 2020, 30, 2251-2271.	2.0	17
6	Vector and Matrix Optimal Mass Transport: Theory, Algorithm, and Applications. SIAM Journal of Scientific Computing, 2018, 40, A3675-A3698.	2.8	14
7	A new use of Douglas–Rachford splitting for identifying infeasible, unbounded, and pathological conic programs. Mathematical Programming, 2019, 177, 225-253.	2.4	13
8	Douglas–Rachford splitting and ADMM for pathological convex optimization. Computational Optimization and Applications, 2019, 74, 747-778.	1.6	11
9	Tight coefficients of averaged operators via scaled relative graph. Journal of Mathematical Analysis and Applications, 2020, 490, 124211.	1.0	8
10	Unbalanced and Partial L_1 L 1 Monge–Kantorovich Problem: A Scalable Parallel First-Order Method. Journal of Scientific Computing, 2018, 75, 1596-1613.	2.3	7
11	Scaled relative graphs: nonexpansive operators via 2D Euclidean geometry. Mathematical Programming, 2022, 194, 569-619.	2.4	4
12	Cosmic divergence, weak cosmic convergence, and fixed points at infinity. Journal of Fixed Point Theory and Applications, 2018, 20, 1.	1.1	2
13	Linear convergence of cyclic SAGA. Optimization Letters, 2020, 14, 1583-1598.	1.6	2
14	Splitting with Near-Circulant Linear Systems: Applications to Total Variation CT and PET. SIAM Journal of Scientific Computing, 2020, 42, B185-B206.	2.8	1