

Ernest K Ryu

List of Publications by Year in descending order

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