

# Jingwei Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

322  
citations

1039406

9  
h-index

1125271

13  
g-index

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all docs

15  
docs citations

15  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic data restoration via data-driven tight frame. <i>Geophysics</i> , 2014, 79, V65-V74.	1.4	91
2	Convergence rates with inexact non-expansive operators. <i>Mathematical Programming</i> , 2016, 159, 403-434.	1.6	50
3	Activity Identification and Local Linear Convergence of Forward-Backward-type Methods. <i>SIAM Journal on Optimization</i> , 2017, 27, 408-437.	1.2	49
4	Retinex by Higher Order Total Variation $L^1$ Decomposition. <i>Journal of Mathematical Imaging and Vision</i> , 2015, 52, 345-355.	0.8	44
5	Improving "Fast Iterative Shrinkage-Thresholding Algorithm": Faster, Smarter, and Greedier. <i>SIAM Journal of Scientific Computing</i> , 2022, 44, A1069-A1091.	1.3	18
6	Local Convergence Properties of Douglas-Rachford and Alternating Direction Method of Multipliers. <i>Journal of Optimization Theory and Applications</i> , 2017, 172, 874-913.	0.8	15
7	Local linear convergence analysis of Primal-Dual splitting methods. <i>Optimization</i> , 2018, 67, 821-853.	1.0	11
8	Activity Identification and Local Linear Convergence of Douglas-Rachford/ADMM under Partial Smoothness. <i>Lecture Notes in Computer Science</i> , 2015, , 642-653.	1.0	10
9	Wavelet frame based color image demosaicing. <i>Inverse Problems and Imaging</i> , 2013, 7, 777-794.	0.6	9
10	A Stochastic Proximal Alternating Minimization for Nonsmooth and Nonconvex Optimization. <i>SIAM Journal on Imaging Sciences</i> , 2021, 14, 1932-1970.	1.3	8
11	Convergence Rates of Forward-Douglas-Rachford Splitting Method. <i>Journal of Optimization Theory and Applications</i> , 2019, 182, 606-639.	0.8	7
12	Faster FISTA. , 2018, , .		6
13	Best Pair Formulation & Accelerated Scheme for Non-Convex Principal Component Pursuit. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 6128-6141.	3.2	3
14	Partial Smoothness and Constant Rank. <i>SIAM Journal on Optimization</i> , 2022, 32, 276-291.	1.2	1
15	On the convergence rates of proximal splitting algorithms. , 2014, , .		0