

# Francisco Prieto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/410223/publications.pdf>

Version: 2024-02-01

22  
papers

1,011  
citations

687363

13  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Improved Directions of Negative Curvature for the Solution of Bound-Constrained Nonconvex Problems. Journal of Optimization Theory and Applications, 2017, 174, 474-499.	1.5	1
2	On Rank Driven Dynamical Systems. Journal of Statistical Physics, 2014, 156, 455-472.	1.2	3
3	Combining and scaling descent and negative curvature directions. Mathematical Programming, 2011, 128, 285-319.	2.4	4
4	Eigenvectors of a kurtosis matrix as interesting directions to reveal cluster structure. Journal of Multivariate Analysis, 2010, 101, 1995-2007.	1.0	28
5	Comments on: On a mixture of the fix-and-relax coordination and Lagrangean substitution schemes for a multistage stochastic mixed integer programming. Top, 2009, 17, 37-39.	1.6	0
6	Nonconvex optimization using negative curvature within a modified linesearch. European Journal of Operational Research, 2008, 189, 706-722.	5.7	12
7	Combining Random and Specific Directions for Outlier Detection and Robust Estimation in High-Dimensional Multivariate Data. Journal of Computational and Graphical Statistics, 2007, 16, 228-254.	1.7	30
8	A note on the use of vector barrier parameters for interior-point methods. European Journal of Operational Research, 2007, 181, 571-585.	5.7	1
9	A Projection Method for Robust Estimation and Clustering in Large Data Sets. , 2006, , 209-216.		1
10	Reliability Analysis for Systems With Large Hydro Resources in a Deregulated Electric Power Market. IEEE Transactions on Power Systems, 2005, 20, 90-95.	6.5	24
11	Multimarket Optimal Bidding for a Power Producer. IEEE Transactions on Power Systems, 2005, 20, 2041-2050.	6.5	131
12	A Decomposition Methodology Applied to the Multi-Area Optimal Power Flow Problem. Annals of Operations Research, 2003, 120, 99-116.	4.1	164
13	An augmented Lagrangian interior-point method using directions of negative curvature. Mathematical Programming, 2003, 95, 573-616.	2.4	25
14	Combining search directions using gradient flows. Mathematical Programming, 2003, 96, 529-559.	2.4	9
15	A decomposition procedure based on approximate Newton directions. Mathematical Programming, 2002, 93, 495-515.	2.4	148
16	Cluster Identification Using Projections. Journal of the American Statistical Association, 2001, 96, 1433-1445.	3.1	78
17	Multivariate Outlier Detection and Robust Covariance Matrix Estimation. Technometrics, 2001, 43, 286-310.	1.9	194
18	Using Angles to Identify Concentrated Multivariate Outliers. Technometrics, 2001, 43, 311-322.	1.9	22

#	ARTICLE	IF	CITATIONS
19	The kurtosis coefficient and the linear discriminant function. Statistics and Probability Letters, 2000, 49, 257-261.	0.7	18
20	Hydropower generation management under uncertainty via scenario analysis and parallel computation. IEEE Transactions on Power Systems, 1996, 11, 683-689.	6.5	59
21	A Sequential Quadratic Programming Algorithm Using an Incomplete Solution of the Subproblem. SIAM Journal on Optimization, 1995, 5, 590-640.	2.0	50
22	Network planning under uncertainty with an application to hydropower generation. Top, 1994, 2, 25-58.	1.6	9