

# Francisco Pedroche

## List of Publications by Year in descending order

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24  
papers

336  
citations

840776

11  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	A biplex approach to PageRank centrality: From classic to multiplex networks. Chaos, 2016, 26, 065301.	2.5	44
2	Additive Schwarz Iterations for Markov Chains. SIAM Journal on Matrix Analysis and Applications, 2005, 27, 445-458.	1.4	32
3	Subdirect sums of nonsingular M-matrices and of their inverses. Electronic Journal of Linear Algebra, 0, 13, .	0.6	32
4	A new method for comparing rankings through complex networks: Model and analysis of competitiveness of major European soccer leagues. Chaos, 2013, 23, 043114.	2.5	29
5	A simple generalization of Geršgorin's theorem. Advances in Computational Mathematics, 2011, 35, 271-280.	1.6	26
6	Subdirect sums of S-strictly diagonally dominant matrices. Electronic Journal of Linear Algebra, 0, 15, .	0.6	20
7	On the localization of the personalized PageRank of complex networks. Linear Algebra and Its Applications, 2013, 439, 640-652.	0.9	18
8	Extending the Adapted PageRank Algorithm Centrality to Multiplex Networks with Data Using the PageRank Two-Layer Approach. Symmetry, 2019, 11, 284.	2.2	17
9	Competitivity groups on social network sites. Mathematical and Computer Modelling, 2010, 52, 1052-1057.	2.0	16
10	Leadership groups on Social Network Sites based on Personalized PageRank. Mathematical and Computer Modelling, 2013, 57, 1891-1896.	2.0	16
11	Sums of $\hat{L}$ -strictly diagonally dominant matrices. Linear and Multilinear Algebra, 2010, 58, 75-78.	1.0	15
12	Overlapping additive and multiplicative Schwarz iterations for H-matrices. Linear Algebra and Its Applications, 2004, 393, 91-105.	0.9	14
13	Characterization of $\hat{L}_{\pm 1}$ and $\hat{L}_{\pm 2}$ -matrices. Central European Journal of Mathematics, 2010, 8, 32-40.	0.7	12
14	Sharp estimates for the personalized Multiplex PageRank. Journal of Computational and Applied Mathematics, 2018, 330, 1030-1040.	2.0	12
15	On graphs associated to sets of rankings. Journal of Computational and Applied Mathematics, 2016, 291, 497-508.	2.0	5
16	An Eigenvector Centrality for Multiplex Networks with Data. Symmetry, 2019, 11, 763.	2.2	5
17	A MODEL TO CLASSIFY USERS OF SOCIAL NETWORKS BASED ON PAGERANK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250162.	1.7	4
18	On PageRank versatility for multiplex networks: properties and some useful bounds. Mathematical Methods in the Applied Sciences, 2020, 43, 8158-8176.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Combining the Two-Layers PageRank Approach with the APA Centrality in Networks with Data. ISPRS International Journal of Geo-Information, 2018, 7, 480.	2.9	3
20	Corrected Evolutive Kendall's $\tau_b$ , Coefficients for Incomplete Rankings with Ties: Application to Case of Spotify Lists. Mathematics, 2020, 8, 1828.	2.2	3
21	Parametric controllability of the personalized PageRank: Classic model vs biplex approach. Chaos, 2020, 30, 023115.	2.5	3
22	Comparing series of rankings with ties by using complex networks: An analysis of the Spanish stock market (IBEX-35 index). Networks and Heterogeneous Media, 2015, 10, 101-125.	1.1	3
23	On some properties of the Laplacian matrix revealed by the RCM algorithm. Czechoslovak Mathematical Journal, 2016, 66, 603-620.	0.3	2
24	On the spectrum of two-layer approach and Multiplex PageRank. Journal of Computational and Applied Mathematics, 2018, 344, 161-172.	2.0	1