

Peter Rowlinson

List of Publications by Year in descending order

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62
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1,523
citations

623188

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docs citations

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times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Signed graphs with three eigenvalues: Biregularity and beyond. <i>Linear Algebra and Its Applications</i> , 2021, 621, 272-295.	0.4	3
2	A problem concerning graphs with just three distinct eigenvalues. <i>Linear Algebra and Its Applications</i> , 2020, 592, 260-269.	0.4	1
3	Eigenvalue multiplicity in regular graphs. <i>Discrete Applied Mathematics</i> , 2019, 269, 11-17.	0.5	6
4	An extension of the star complement technique for regular graphs. <i>Linear Algebra and Its Applications</i> , 2018, 557, 496-507.	0.4	3
5	Eigenvalue multiplicity in quartic graphs. <i>Linear Algebra and Its Applications</i> , 2017, 535, 160-170.	0.4	5
6	More on graphs with just three distinct eigenvalues. <i>Applicable Analysis and Discrete Mathematics</i> , 2017, 11, 74-80.	0.3	6
7	On graphs with just three distinct eigenvalues. <i>Linear Algebra and Its Applications</i> , 2016, 507, 462-473.	0.4	18
8	Eigenvalue multiplicity in triangle-free graphs. <i>Linear Algebra and Its Applications</i> , 2016, 493, 484-493.	0.4	2
9	Star complements and edge-connectivity in finite graphs. <i>Linear Algebra and Its Applications</i> , 2015, 476, 124-132.	0.4	1
10	Graphs with least eigenvalue $\hat{\geq} 2$: Ten years on. <i>Linear Algebra and Its Applications</i> , 2015, 484, 504-539.	0.4	11
11	Controllability of Multi-Agent Dynamical Systems with a Broadcasting Control Signal. <i>Asian Journal of Control</i> , 2014, 16, 1066-1072.	1.9	12
12	Star complements and connectivity in finite graphs. <i>Linear Algebra and Its Applications</i> , 2014, 442, 92-98.	0.4	3
13	Eigenvalue multiplicity in cubic graphs. <i>Linear Algebra and Its Applications</i> , 2014, 444, 211-218.	0.4	8
14	On bipartite graphs with complete bipartite star complements. <i>Linear Algebra and Its Applications</i> , 2014, 458, 149-160.	0.4	6
15	On independent star sets in finite graphs. <i>Linear Algebra and Its Applications</i> , 2014, 442, 82-91.	0.4	3
16	On graphs with an eigenvalue of maximal multiplicity. <i>Discrete Mathematics</i> , 2013, 313, 1162-1166.	0.4	8
17	Regular star complements in strongly regular graphs. <i>Linear Algebra and Its Applications</i> , 2012, 436, 1482-1488.	0.4	6
18	Controllable graphs with least eigenvalue at least -2 . <i>Applicable Analysis and Discrete Mathematics</i> , 2011, 5, 165-175.	0.3	20

#	ARTICLE	IF	CITATIONS
19	Star complements in regular graphs: Old and new results. <i>Linear Algebra and Its Applications</i> , 2010, 432, 2230-2242.	0.4	21
20	Spectral upper bounds for the order of a k-regular induced subgraph. <i>Linear Algebra and Its Applications</i> , 2010, 433, 1031-1037.	0.4	5
21	Graphs for which the least eigenvalue is minimal, I. <i>Linear Algebra and Its Applications</i> , 2008, 429, 234-241.	0.4	56
22	A sharp lower bound for the least eigenvalue of the signless Laplacian of a non-bipartite graph. <i>Linear Algebra and Its Applications</i> , 2008, 429, 2770-2780.	0.4	81
23	Graphs for which the least eigenvalue is minimal, II. <i>Linear Algebra and Its Applications</i> , 2008, 429, 2168-2179.	0.4	71
24	Signless Laplacians of finite graphs. <i>Linear Algebra and Its Applications</i> , 2007, 423, 155-171.	0.4	380
25	Some properties of the Hoffman-Singleton graph. <i>Applicable Analysis and Discrete Mathematics</i> , 2007, 1, 438-445.	0.3	11
26	The main eigenvalues of a graph: A survey. <i>Applicable Analysis and Discrete Mathematics</i> , 2007, 1, 455-471.	0.3	66
27	Eigenvalue bounds for the signless laplacian. <i>Publications De L'Institut Mathematique</i> , 2007, , 11-27.	0.3	136
28	Graphs With Least Eigenvalue ≥ 2 : A New Proof of the 31 Forbidden Subgraphs Theorem. <i>Designs, Codes, and Cryptography</i> , 2005, 34, 229-240.	1.0	4
29	Constructing fullerene graphs from their eigenvalues and angles. <i>Linear Algebra and Its Applications</i> , 2002, 356, 37-56.	0.4	13
30	Star sets and star complements in finite graphs: A spectral construction technique. <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , 2000, , 323-332.	0.0	8
31	Some characterizations of graphs by star complements. <i>Linear Algebra and Its Applications</i> , 1999, 301, 81-97.	0.4	16
32	Some additions to the theory of star partitions of graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 1999, 19, 119.	0.2	4
33	On graphs with multiple eigenvalues. <i>Linear Algebra and Its Applications</i> , 1998, 283, 75-85.	0.4	15
34	The characteristic polynomials of modified graphs. <i>Discrete Applied Mathematics</i> , 1996, 67, 209-219.	0.5	9
35	Star partitions and regularity in graphs. <i>Linear Algebra and Its Applications</i> , 1995, 226-228, 247-265.	0.4	9
36	On some algorithmic investigations of star partitions of graphs. <i>Discrete Applied Mathematics</i> , 1995, 62, 119-130.	0.5	3

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37	Dominating Sets and Eigenvalues of Graphs. Bulletin of the London Mathematical Society, 1994, 26, 248-254.	0.4	6
38	The third Ramsey numbers for graphs with at most four edges. Discrete Mathematics, 1994, 125, 399-406.	0.4	3
39	A study of eigenspaces of graphs. Linear Algebra and Its Applications, 1993, 182, 45-66.	0.4	17
40	Eutactic Stars and Graph Spectra. The IMA Volumes in Mathematics and Its Applications, 1993, , 153-164.	0.5	5
41	Tricyclic hamiltonian graphs with minimal index. Linear and Multilinear Algebra, 1993, 34, 187-196.	0.5	2
42	On the characteristic polynomials of spirographs and related graphs. Journal of Mathematical Chemistry, 1991, 8, 345-354.	0.7	1
43	More on Graph Perturbations. Bulletin of the London Mathematical Society, 1990, 22, 209-216.	0.4	12
44	On Hamiltonian Graphs with Maximal Index. European Journal of Combinatorics, 1989, 10, 489-497.	0.5	1
45	On the maximal index of graphs with a prescribed number of edges. Linear Algebra and Its Applications, 1988, 110, 43-53.	0.4	71
46	On Angles and Perturbations of Graphs. Bulletin of the London Mathematical Society, 1988, 20, 193-197.	0.4	6
47	A deletion-contraction algorithm for the characteristic polynomial of a multigraph. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1987, 105, 153-160.	0.8	13
48	Spectra of unicyclic graphs. Graphs and Combinatorics, 1987, 3, 7-23.	0.2	51
49	On 4-Cycles and 5-Cycles in Regular Tournaments. Bulletin of the London Mathematical Society, 1986, 18, 135-139.	0.4	9
50	Certain 3-decompositions of complete graphs, with an application to finite fields. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1985, 99, 277-281.	0.8	7
51	Simple Eigenvalues of Intransitive Graphs. Bulletin of the London Mathematical Society, 1984, 16, 122-126.	0.4	1
52	On the number of simple eigenvalues of a graph. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1983, 94, 247-250.	0.8	0
53	Certain multiply transitive setwise stabilizers. Journal of Algebra, 1977, 46, 481-496.	0.4	0
54	On (1, 6)-Groups. Journal of the London Mathematical Society, 1976, s2-14, 481-486.	0.5	2

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55	On (1, 4)-Groups III. Journal of the London Mathematical Society, 1976, s2-14, 487-495.	0.5	5
56	Primitive Permutation Groups Containing a $2\bar{1}$ -CYCLE. Journal of the London Mathematical Society, 1975, s2-10, 225-227.	0.5	2
57	On Primitive Permutation Groups Containing a Cycle, II. Bulletin of the London Mathematical Society, 1974, 6, 149-151.	0.4	2
58	On (1,4)-Groups I. Journal of the London Mathematical Society, 1974, s2-8, 493-498.	0.5	1
59	On (1, 4)-Groups II. Journal of the London Mathematical Society, 1974, s2-8, 507-513.	0.5	2
60	Simple Permutation Groups in Which an Involution Fixes a Small Number of Points, II. Proceedings of the London Mathematical Society, 1973, s3-26, 463-484.	0.6	5
61	Simple Permutation Groups in Which an Involution Fixes a Small Number of Points. Journal of the London Mathematical Society, 1972, s2-4, 655-661.	0.5	5
62	Certain Permutation Groups of Degree $4p$. Proceedings of the London Mathematical Society, 1971, s3-22, 585-610.	0.6	0