Wendy J Myrvold

List of Publications by Year
in descending order

43	791	759233 12	526287 27
papers	citations	h-index	g-index

43	43	43	551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Cutting Edge: Simplified O(n) Planarity by Edge Addition. Journal of Graph Algorithms and Applications, 2004, 8, 241-273.	0.4	131
2	Small latin squares, quasigroups, and loops. Journal of Combinatorial Designs, 2007, 15, 98-119.	0.6	107
3	Ranking and unranking permutations in linear time. Information Processing Letters, 2001, 79, 281-284.	0.6	75
4	Uniformly-most reliable networks do not always exist. Networks, 1991, 21, 417-419.	2.7	69
5	The â€œAnthracene Problemâ€• Closed-Form Conjugated-Circuit Models of Ring Currents in Linear Polyacenes. Journal of Physical Chemistry A, 2011, 115, 13191-13200.	2.5	42
6	Conduction in graphenes. Journal of Chemical Physics, 2009, 131, 244110.	3.0	40
7	Two Algorithms for Unranking Arborescences. Journal of Algorithms, 1996, 20, 268-281.	0.9	38
8	Finding the most vital edges with respect to the number of spanning trees. IEEE Transactions on Reliability, 1994, 43, 600-603.	4.6	23
9	Vertex Spirals in Fullerenes and Their Implications for Nomenclature of Fullerene Derivatives. Chemistry - A European Journal, 2007, 13, 2208-2217.	3.3	22
10	Unsupervised nonparametric classification of polarimetric SAR data using the K-nearest neighbor graph. , 2010, , .		18
11	The ally-reconstruction number of a tree with five or more vertices is three. Journal of Graph Theory, 1990, 14, 149-166.	0.9	16
12	Maximizing spanning trees in almost complete graphs. Networks, 1997, 30, 23-30.	2.7	15
13	Bidegreed graphs are edge reconstructible. Journal of Graph Theory, 1987, 11, 281-302.	0.9	13
14	The degree sequence is reconstructible from n â^' 1 cards. Discrete Mathematics, 1992, 102, 187-196.	0.7	12
15	Forbidden minors and subdivisions for toroidal graphs with no K3,3's. Electronic Notes in Discrete Mathematics, 2005, 22, 151-156.	0.4	12
16	A complete resolution of the Keller maximum clique problem. , 2011, , .		12
17	Countingk-component forests of a graph. Networks, 1992, 22, 647-652.	2.7	11
18	The obstructions for toroidal graphs with no <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>,</mml Discrete Mathematics, 2009, 309, 3625-3631.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Errors in graph embedding algorithms. Journal of Computer and System Sciences, 2011, 77, 430-438.	1.2	11
20	A formula for the number of spanning trees of a multi-star related graph. Information Processing Letters, 1998, 68, 295-298.	0.6	10
21	Equiaromatic benzenoids: Arbitrarily large sets of isomers with equal ring currents. Chemical Physics Letters, 2014, 597, 30-35.	2.6	10
22	Independence number and fullerene stability. Chemical Physics Letters, 2007, 448, 75-82.	2.6	9
23	Maximizing spanning trees in almost complete graphs. Networks, 1997, 30, 97-104.	2.7	8
24	Recognizing connectedness from vertex-deleted subgraphs. Journal of Graph Theory, 2011, 67, 285-299.	0.9	8
25	Generating simple convex Venn diagrams. Journal of Discrete Algorithms, 2012, 16, 270-286.	0.7	7
26	The Non-Existence of Maximal Sets of Four Mutually Orthogonal Latin Squares of Order 8. Designs, Codes, and Cryptography, 2004, 33, 63-69.	1.6	6
27	Computational determination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mo stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:mo>,</mml:mo><mml:mn>11</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rg xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mo		

#	Article	IF	Citations
37	Non-IPR fullerenes with properly closed shells. Physical Chemistry Chemical Physics, 2010, 12, 14822.	2.8	3
38	Simpler Projective Plane Embedding. Electronic Notes in Discrete Mathematics, 2000, 5, 243-246.	0.4	2
39	Ovals and hyperovals in nets. Discrete Mathematics, 2005, 294, 53-74.	0.7	2
40	Nets of Small Degree Without Ovals. Designs, Codes, and Cryptography, 2004, 32, 167-183.	1.6	1
41	Maximum independent sets of the 120-cell and other regular polytopes. Ars Mathematica Contemporanea, 2013, 6, 197-210.	0.6	1
42	Generation of Colourings and Distinguishing Colourings of Graphs. Lecture Notes in Computer Science, 2015, , 79-90.	1.3	0
43	A linear time algorithm for finding a maximum independent set of a fullerene. Electronic Journal of Combinatorics, 2017, 8, 255-287.	0.1	0