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	Partitioning HÃ¼ckelâ€“London Currents into Cycle Contributions. Chemistry, 2021, 3, 1138-1156.	2.2	4
2	Ring-Current Maps for Benzenoids: Comparisons, Contradictions, and a Versatile Combinatorial Model. Journal of Physical Chemistry A, 2020, 124, 4517-4533.	2.5	5
3	A Large Set of Torus Obstructions and How They Were Discovered. Electronic Journal of Combinatorics, 2018, 25, .	0.4	4
4	A linear time algorithm for finding a maximum independent set of a fullerene. Electronic Journal of Combinatorics, 2017, 8, 255-287.	0.1	0
5	Perimeter ring currents in benzenoids from Pauling bond orders. Physical Chemistry Chemical Physics, 2016, 18, 11756-11764.	2.8	5
6	Distributed curvature and stability of fullerenes. Physical Chemistry Chemical Physics, 2015, 17, 23257-23264.	2.8	5
7	Generation of Colourings and Distinguishing Colourings of Graphs. Lecture Notes in Computer Science, 2015, , 79-90.	1.3	0
8	Equiaromatic benzenoids: Arbitrarily large sets of isomers with equal ring currents. Chemical Physics Letters, 2014, 597, 30-35.	2.6	10
9	Maximum independent sets of the 120-cell and other regular polytopes. Ars Mathematica Contemporanea, 2013, 6, 197-210.	0.6	1
10	Counterexamples to a proposed algorithm for Fries structures of benzenoids. Journal of Mathematical Chemistry, 2012, 50, 2408-2426.	1.5	4
11	Generating simple convex Venn diagrams. Journal of Discrete Algorithms, 2012, 16, 270-286.	0.7	7
12	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
13	Recognizing connectedness from vertex-deleted subgraphs. Journal of Graph Theory, 2011, 67, 285-299.	0.9	8
14	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 ETQq0 0 0 rgBT /Over xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mo		

#	Article	IF	Citations
19	Non-IPR fullerenes with properly closed shells. Physical Chemistry Chemical Physics, 2010, 12, 14822.	2.8	3
20	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
21	Conduction in graphenes. Journal of Chemical Physics, 2009, 131, 244110.	3.0	40
22	Vertex Spirals in Fullerenes and Their Implications for Nomenclature of Fullerene Derivatives. Chemistry - A European Journal, 2007, 13, 2208-2217.	3.3	22
23	Small latin squares, quasigroups, and loops. Journal of Combinatorial Designs, 2007, 15, 98-119.	0.6	107
24	Independence number and fullerene stability. Chemical Physics Letters, 2007, 448, 75-82.	2.6	9
25	On the Cutting Edge: Simplified O(n) Planarity by Edge Addition. , 2006, , 241-273.		4
26	Ovals and hyperovals in nets. Discrete Mathematics, 2005, 294, 53-74.	0.7	2
27	Forbidden minors and subdivisions for toroidal graphs with no K3,3's. Electronic Notes in Discrete Mathematics, 2005, 22, 151-156.	0.4	12
28	Nets of Small Degree Without Ovals. Designs, Codes, and Cryptography, 2004, 32, 167-183.	1.6	1
29	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
30	On the Cutting Edge: Simplified O(n) Planarity by Edge Addition. Journal of Graph Algorithms and Applications, 2004, 8, 241-273.	0.4	131
31	Ranking and unranking permutations in linear time. Information Processing Letters, 2001, 79, 281-284.	0.6	75
32	Simpler Projective Plane Embedding. Electronic Notes in Discrete Mathematics, 2000, 5, 243-246.	0.4	2
33	A formula for the number of spanning trees of a multi-star related graph. Information Processing Letters, 1998, 68, 295-298.	0.6	10
34	Maximizing spanning trees in almost complete graphs. Networks, 1997, 30, 23-30.	2.7	15
35	Maximizing spanning trees in almost complete graphs. Networks, 1997, 30, 97-104.	2.7	8
36	Two Algorithms for Unranking Arborescences. Journal of Algorithms, 1996, 20, 268-281.	0.9	38

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37	Finding the most vital edges with respect to the number of spanning trees. IEEE Transactions on Reliability, 1994, 43, 600-603.	4.6	23
38	Reliability polynomials can cross twice. Journal of the Franklin Institute, 1993, 330, 629-633.	3.4	5
39	The degree sequence is reconstructible from n â^' 1 cards. Discrete Mathematics, 1992, 102, 187-196.	0.7	12
40	Countingk-component forests of a graph. Networks, 1992, 22, 647-652.	2.7	11
41	Uniformly-most reliable networks do not always exist. Networks, 1991, 21, 417-419.	2.7	69
42	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
43	Bidegreed graphs are edge reconstructible. Journal of Graph Theory, 1987, 11, 281-302.	0.9	13