

# Edward R Scheinerman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9156174/publications.pdf>

Version: 2024-02-01

58  
papers

1,278  
citations

430874

18  
h-index

395702

33  
g-index

59  
all docs

59  
docs citations

59  
times ranked

541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Local Representations of Graphs. Problem Books in Mathematics, 2016, , 83-94.	0.1	1
2	On Vertex, Edge, and Vertex-Edge Random Graphs. Electronic Journal of Combinatorics, 2011, 18, .	0.4	2
3	Modeling graphs using dot product representations. Computational Statistics, 2010, 25, 1-16.	1.5	39
4	Directed Random Dot Product Graphs. Internet Mathematics, 2008, 5, 91-111.	0.7	13
5	Random Dot Product Graph Models for Social Networks. , 2007, , 138-149.		123
6	Mathematical models of binary spherical-motion encoders. IEEE/ASME Transactions on Mechatronics, 2003, 8, 234-244.	5.8	71
7	Random intersection graphs when $m = \beta(n)$ : An equivalence theorem relating the evolution of the $G(n, m, p)$ and $G(n, p)$ models. Random Structures and Algorithms, 2000, 16, 156-176.	1.1	75
8	Clique covering the edges of a locally cobipartite graph. Discrete Mathematics, 2000, 219, 17-26.	0.7	6
9	Random intersection graphs when $m = \beta(n)$ : An equivalence theorem relating the evolution of the $G(n, \beta(n), p)$ and $G(n, p)$ models. Random Structures and Algorithms, 2000, 16, 156.	1.1	2
10	When Close Enough is Close Enough. American Mathematical Monthly, 2000, 107, 489.	0.3	8
11	On Random Intersection Graphs: The Subgraph Problem. Combinatorics Probability and Computing, 1999, 8, 131-159.	1.3	154
12	Local representations using very short labels. Discrete Mathematics, 1999, 203, 287-290.	0.7	6
13	On the Fractional Intersection Number of a Graph. Graphs and Combinatorics, 1999, 15, 341-351.	0.4	14
14	Dot product representations of graphs. Discrete Mathematics, 1998, 181, 113-138.	0.7	18
15	Affine Isomorphism for Partially Ordered Sets. Order, 1998, 15, 183-193.	0.5	1
16	On fractional Ramsey numbers. Discrete Mathematics, 1997, 176, 159-175.	0.7	3
17	Shrinkability of Minimal Elements in Sphere Representations of Posets. Order, 1997, 14, 59-66.	0.5	1
18	On point-halfspace graphs. Journal of Graph Theory, 1995, 20, 19-35.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Characterization and recognition of point-halfspace and related orders. Lecture Notes in Computer Science, 1995, , 234-245.	1.3	4
20	A Combinatorial Proof of the Pythagorean Theorem. Mathematics Magazine, 1995, 68, 48.	0.1	0
21	The Rectilinear Crossing Number of a Complete Graph and Sylvester's "Four Point Problem" of Geometric Probability. American Mathematical Monthly, 1994, 101, 939.	0.3	15
22	Irrepresentability of short semilattices by euclidean subspaces. Algebra Universalis, 1994, 31, 599-607.	0.3	0
23	Fractional isomorphism of graphs. Discrete Mathematics, 1994, 132, 247-265.	0.7	39
24	On the Size of Hereditary Classes of Graphs. Journal of Combinatorial Theory Series B, 1994, 61, 16-39.	1.0	69
25	On the chordality of a graph. Journal of Graph Theory, 1993, 17, 221-232.	0.9	7
26	A note on graphs and sphere orders. Journal of Graph Theory, 1993, 17, 283-289.	0.9	7
27	Undirected edge geography. Theoretical Computer Science, 1993, 112, 371-381.	0.9	45
28	On generalized perfect graphs: bounded degree and bounded edge perfection. Discrete Applied Mathematics, 1993, 44, 233-245.	0.9	3
29	Representations of Planar Graphs. SIAM Journal on Discrete Mathematics, 1993, 6, 214-229.	0.8	82
30	Generalized Chromatic Numbers of Random Graphs. SIAM Journal on Discrete Mathematics, 1992, 5, 74-80.	0.8	10
31	The many faces of circle orders. Order, 1992, 9, 343-348.	0.5	7
32	Fractional dimension of partial orders. Order, 1992, 9, 139-158.	0.5	22
33	Generalized sum graphs. Graphs and Combinatorics, 1992, 8, 23-29.	0.4	3
34	A Note on Planar Graphs and Circle Orders. SIAM Journal on Discrete Mathematics, 1991, 4, 448-451.	0.8	13
35	A deletion game on hypergraphs. Discrete Applied Mathematics, 1991, 30, 155-162.	0.9	9
36	On the thickness and arboricity of a graph. Journal of Combinatorial Theory Series B, 1991, 52, 147-151.	1.0	25

#	ARTICLE	IF	CITATIONS
37	Connectivity threshold for random chordal graphs. <i>Graphs and Combinatorics</i> , 1991, 7, 177-181.	0.4	17
38	On the interval number of random graphs. <i>Discrete Mathematics</i> , 1990, 82, 105-109.	0.7	8
39	An evolution of interval graphs. <i>Discrete Mathematics</i> , 1990, 82, 287-302.	0.7	23
40	Random Intervals. <i>American Mathematical Monthly</i> , 1990, 97, 881.	0.3	15
41	Not All Graphs are Segment T-graphs. <i>European Journal of Combinatorics</i> , 1990, 11, 7-13.	0.8	3
42	On the Expected Capacity of Binomial and Random Concentrators. <i>SIAM Journal on Computing</i> , 1990, 19, 156-163.	1.0	1
43	Optimal and near-optimal broadcast in random graphs. <i>Discrete Applied Mathematics</i> , 1989, 25, 289-297.	0.9	18
44	Containment Graphs, Posets, and Related Classes of Graphs. <i>Annals of the New York Academy of Sciences</i> , 1989, 555, 192-204.	3.8	26
45	Interval Representations of Cliques and of Subset Intersection Graphs. <i>Annals of the New York Academy of Sciences</i> , 1989, 555, 363-367.	3.8	2
46	On the interval number of a chordal graph. <i>Journal of Graph Theory</i> , 1988, 12, 311-316.	0.9	6
47	Random interval graphs. <i>Combinatorica</i> , 1988, 8, 357-371.	1.2	35
48	On circle containment orders. <i>Order</i> , 1988, 4, 315-318.	0.5	21
49	Degrees of freedom versus dimension for containment orders. <i>Order</i> , 1988, 5, 11.	0.5	40
50	Hamiltonian Closure in Random Graphs. <i>North-Holland Mathematics Studies</i> , 1987, , 59-67.	0.2	2
51	Almost Sure Fault Tolerance in Random Graphs. <i>SIAM Journal on Computing</i> , 1987, 16, 1124-1134.	1.0	46
52	The maximum interval number of graphs with given genus. <i>Journal of Graph Theory</i> , 1987, 11, 441-446.	0.9	14
53	Irredundancy in multiple interval representations. <i>Discrete Mathematics</i> , 1987, 63, 101-108.	0.7	6
54	On the structure of hereditary classes of graphs. <i>Journal of Graph Theory</i> , 1986, 10, 545-551.	0.9	14

#	ARTICLE	IF	CITATIONS
55	Characterizing intersection classes of graphs. Discrete Mathematics, 1985, 55, 185-193.	0.7	25
56	Irrepresentability by multiple intersection, or why the interval number is unbounded. Discrete Mathematics, 1985, 55, 195-211.	0.7	7
57	The interval number of a planar graph: Three intervals suffice. Journal of Combinatorial Theory Series B, 1983, 35, 224-239.	1.0	50
58	C++ for Mathematicians. , 0, , .		1