O-joung Kwon

List of Publications by Year
in descending order

42 papers	241 citations	1163117 8 h-index	1125743 13 g-index
43 all docs	43 docs citations	43 times ranked	94 citing authors

#	Article	IF	Citations
1	A Polynomial Kernel for Block Graph Deletion. Algorithmica, 2017, 79, 251-270.	1.3	38
2	Mim-Width II. The Feedback Vertex Set Problem. Algorithmica, 2020, 82, 118-145.	1.3	19
3	A width parameter useful for chordal and co-comparability graphs. Theoretical Computer Science, 2017, 704, 1-17.	0.9	17
4	Excluded vertex-minors for graphs of linear rank-width at most k. European Journal of Combinatorics, 2014, 41, 242-257.	0.8	13
5	Linear Rank-Width of Distance-Hereditary Graphs I. A Polynomial-Time Algorithm. Algorithmica, 2017, 78, 342-377.	1.3	11
6	Graphs of small rank-width are pivot-minors of graphs of small tree-width. Discrete Applied Mathematics, 2014, 168, 108-118.	0.9	9
7	Classes of graphs with no long cycle as a vertex-minor are polynomially Ï‡-bounded. Journal of Combinatorial Theory Series B, 2020, 140, 372-386.	1.0	9
8	Unavoidable vertex-minors in large prime graphs. European Journal of Combinatorics, 2014, 41, 100-127.	0.8	8
9	Branch-depth: Generalizing tree-depth of graphs. European Journal of Combinatorics, 2020, 90, 103186.	0.8	8
10	The Grid Theorem for vertex-minors. Journal of Combinatorial Theory Series B, 2020, , .	1.0	8
11	Characterizing width two for variants of treewidth. Discrete Applied Mathematics, 2017, 216, 29-46.	0.9	7
12	ErdÅ's-PÃ³sa property of chordless cycles and its applications. Journal of Combinatorial Theory Series B, 2020, 145, 65-112.	1.0	7
13	Packing and covering immersion-expansions of planar sub-cubic graphs. European Journal of Combinatorics, 2017, 65, 154-167.	0.8	6
14	A single-exponential fixed-parameter algorithm for distance-hereditary vertex deletion. Journal of Computer and System Sciences, 2018, 97, 121-146.	1.2	6
15	Obstructions for bounded shrub-depth and rank-depth. Journal of Combinatorial Theory Series B, 2021, 149, 76-91.	1.0	6
16	Tree-depth and vertex-minors. European Journal of Combinatorics, 2016, 56, 46-56.	0.8	5
17	Coloring graphs without fan vertex-minors and graphs without cycle pivot-minors. Journal of Combinatorial Theory Series B, 2017, 123, 126-147.	1.0	5
18	Linear rank-width of distance-hereditary graphs II. Vertex-minor obstructions. European Journal of Combinatorics, 2018, 74, 110-139.	0.8	5

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19	Chi-boundedness of graph classes excluding wheel vertex-minors. Journal of Combinatorial Theory Series B, 2019, 135, 319-348.	1.0	5
20	An FPT Algorithm and a Polynomial Kernel for Linear Rankwidth-1 Vertex Deletion. Algorithmica, 2017, 79, 66-95.	1.3	4
21	Well-Partitioned Chordal Graphs: Obstruction Set and Disjoint Paths. Lecture Notes in Computer Science, 2020, , 148-160.	1.3	4
22	ErdÅ's-PÃ³sa property of chordless cycles and its applications. , 2018, , 1665-1684.		3
23	Generalized Feedback Vertex Set Problems on Bounded-Treewidth Graphs: Chordality is the Key to Single-Exponential Parameterized Algorithms. Algorithmica, 2019, 81, 3890-3935.	1.3	3
24	On low rank-width colorings. European Journal of Combinatorics, 2020, 83, 103002.	0.8	3
25	Scattered Classes of Graphs. SIAM Journal on Discrete Mathematics, 2020, 34, 972-999.	0.8	3
26	A Polynomial Kernel for Distance-Hereditary Vertex Deletion. Algorithmica, 2021, 83, 2096-2141.	1.3	3
27	Computing Small Pivot-Minors. Lecture Notes in Computer Science, 2018, , 125-138.	1.3	3
28	An Optimal XP Algorithm for Hamiltonian Cycle on Graphs of Bounded Clique-Width. Lecture Notes in Computer Science, 2017, , 121-132.	1.3	3
29	Digraphs of Bounded Width. Springer Monographs in Mathematics, 2018, , 405-466.	0.2	2
30	Packing and Covering Immersion Models of Planar Subcubic Graphs. Lecture Notes in Computer Science, 2016, , 74-84.	1.3	2
31	On Low Rank-Width Colorings. Lecture Notes in Computer Science, 2017, , 372-385.	1.3	2
32	An Optimal XP Algorithm for Hamiltonian Cycle on Graphs of Bounded Clique-Width. Algorithmica, 2020, 82, 1654-1674.	1.3	1
33	Graphs without two vertex-disjoint S-cycles. Discrete Mathematics, 2020, 343, 111997.	0.7	1
34	Graphs of bounded depthâ€2 rankâ€brittleness. Journal of Graph Theory, 2021, 96, 361-378.	0.9	1
35	Three Problems on Well-Partitioned Chordal Graphs. Lecture Notes in Computer Science, 2021, , 23-36.	1.3	1
36	Packing and Covering Induced Subdivisions. SIAM Journal on Discrete Mathematics, 2021, 35, 597-636.	0.8	1

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37	Linear Rank-Width of Distance-Hereditary Graphs. Lecture Notes in Computer Science, 2014, , 42-55.	1.3	1
38	A Polynomial Kernel for Distance-Hereditary Vertex Deletion. Lecture Notes in Computer Science, 2017, , 509-520.	1.3	1
39	Tree Pivot-Minors and Linear Rank-Width. SIAM Journal on Discrete Mathematics, 2021, 35, 2922-2945.	0.8	1
40	Chi-boundedness of graph classes excluding wheel vertex-minors. Electronic Notes in Discrete Mathematics, 2017, 61, 247-253.	0.4	0
41	A system of disjoint representatives of line segments with given k directions. Discrete Mathematics, 2021, 344, 112621.	0.7	0
42	A Width Parameter Useful for Chordal and Co-comparability Graphs. Lecture Notes in Computer Science, 2017, , 93-105.	1.3	0