Nico Van Cleemput

List of Publications by Year
in descending order

25	134	1478505 6	1372567 10
papers	citations	h-index	g-index

25	25	25	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Directed Networks as a Novel Way to Describe and Analyze Cardiac Excitation: Directed Graph Mapping. Frontiers in Physiology, 2019, 10, 1138.	2.8	33
2	Classification and generation of nanocones. Discrete Applied Mathematics, 2011, 159, 1528-1539.	0.9	16
3	GrInvIn in a nutshell. Journal of Mathematical Chemistry, 2009, 45, 471-477.	1.5	10
4	Evaluation of Directed Graph-Mapping in Complex Atrial Tachycardias. JACC: Clinical Electrophysiology, 2021, 7, 936-949.	3.2	10
5	On the number of hamiltonian cycles in triangulations with few separating triangles. Journal of Graph Theory, 2018, 87, 164-175.	0.9	8
6	10-Gabriel graphs are Hamiltonian. Information Processing Letters, 2015, 115, 877-881.	0.6	7
7	Hamiltonian properties of polyhedra with few 3-cutsâ€"A survey. Discrete Mathematics, 2018, 341, 2646-2660.	0.7	7
8	Generation of various classes of trivalent graphs. Theoretical Computer Science, 2013, 502, 16-29.	0.9	6
9	Automated conjecturing I: Fajtlowicz's Dalmatian heuristic revisited. Artificial Intelligence, 2016, 231, 17-38.	5.8	6
10	4-connected polyhedra have at least a linear number of hamiltonian cycles. European Journal of Combinatorics, 2021, 97, 103395.	0.8	5
11	Automated conjecturing III. Annals of Mathematics and Artificial Intelligence, 2017, 81, 315-327.	1.3	4
12	On the Strongest Form of a Theorem of Whitney for Hamiltonian Cycles in Plane Triangulations. Journal of Graph Theory, 2016, 83, 78-91.	0.9	3
13	Sizes of pentagonal clusters in fullerenes. Journal of Mathematical Chemistry, 2017, 55, 1669-1682.	1.5	3
14	Regular non-hamiltonian polyhedral graphs. Applied Mathematics and Computation, 2018, 338, 192-206.	2.2	3
15	On the minimum leaf number of cubic graphs. Discrete Mathematics, 2019, 342, 3000-3005.	0.7	3
16	Non-hamiltonian graphs in which every edge-contracted subgraph is hamiltonian. Applied Mathematics and Computation, 2021, 392, 125714.	2.2	2
17	Types of triangle in Hamiltonian triangulations and an application to domination and k-walks. Ars Mathematica Contemporanea, 2019, 17, 51-66.	0.6	2
18	Construction of planar 4-connected triangulations. Ars Mathematica Contemporanea, 2015, 9, 145-149.	0.6	2

#	Article	IF	Citations
19	Spherical tilings by congruent quadrangles: Forbidden cases and substructures. Ars Mathematica Contemporanea, 2015, 8, 297-318.	0.6	2
20	Generation of local symmetry-preserving operations on polyhedra. Ars Mathematica Contemporanea, 2020, 18, 223-239.	0.6	1
21	Alternating plane graphs. Ars Mathematica Contemporanea, 2015, 8, 337-363.	0.6	1
22	Forcing Independence. Croatica Chemica Acta, 2013, 86, 469-475.	0.4	0
23	Local orientation-preserving symmetry preserving operations on polyhedra. Discrete Mathematics, 2021, 344, 112156.	0.7	0
24	Planar hypohamiltonian oriented graphs. Journal of Graph Theory, 0, , .	0.9	0
25	Hamiltonian cycles and 1-factors in 5-regular graphs. Journal of Combinatorial Theory Series B, 2022, 154, 239-261.	1.0	0