

Nico Van Cleemput

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hamiltonian cycles and 1-factors in 5-regular graphs. <i>Journal of Combinatorial Theory Series B</i> , 2022, 154, 239-261.	1.0	0
2	Local orientation-preserving symmetry preserving operations on polyhedra. <i>Discrete Mathematics</i> , 2021, 344, 112156.	0.7	0
3	Non-hamiltonian graphs in which every edge-contracted subgraph is hamiltonian. <i>Applied Mathematics and Computation</i> , 2021, 392, 125714.	2.2	2
4	Evaluation of Directed Graph-Mapping in Complex Atrial Tachycardias. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 936-949.	3.2	10
5	4-connected polyhedra have at least a linear number of hamiltonian cycles. <i>European Journal of Combinatorics</i> , 2021, 97, 103395.	0.8	5
6	Generation of local symmetry-preserving operations on polyhedra. <i>Ars Mathematica Contemporanea</i> , 2020, 18, 223-239.	0.6	1
7	On the minimum leaf number of cubic graphs. <i>Discrete Mathematics</i> , 2019, 342, 3000-3005.	0.7	3
8	Directed Networks as a Novel Way to Describe and Analyze Cardiac Excitation: Directed Graph Mapping. <i>Frontiers in Physiology</i> , 2019, 10, 1138.	2.8	33
9	Types of triangle in Hamiltonian triangulations and an application to domination and k-walks. <i>Ars Mathematica Contemporanea</i> , 2019, 17, 51-66.	0.6	2
10	On the number of hamiltonian cycles in triangulations with few separating triangles. <i>Journal of Graph Theory</i> , 2018, 87, 164-175.	0.9	8
11	Regular non-hamiltonian polyhedral graphs. <i>Applied Mathematics and Computation</i> , 2018, 338, 192-206.	2.2	3
12	Hamiltonian properties of polyhedra with few 3-cuts – A survey. <i>Discrete Mathematics</i> , 2018, 341, 2646-2660.	0.7	7
13	Automated conjecturing III. <i>Annals of Mathematics and Artificial Intelligence</i> , 2017, 81, 315-327.	1.3	4
14	Sizes of pentagonal clusters in fullerenes. <i>Journal of Mathematical Chemistry</i> , 2017, 55, 1669-1682.	1.5	3
15	On the Strongest Form of a Theorem of Whitney for Hamiltonian Cycles in Plane Triangulations. <i>Journal of Graph Theory</i> , 2016, 83, 78-91.	0.9	3
16	Automated conjecturing I: Fajtlowicz's Dalmatian heuristic revisited. <i>Artificial Intelligence</i> , 2016, 231, 17-38.	5.8	6
17	10-Gabriel graphs are Hamiltonian. <i>Information Processing Letters</i> , 2015, 115, 877-881.	0.6	7
18	Construction of planar 4-connected triangulations. <i>Ars Mathematica Contemporanea</i> , 2015, 9, 145-149.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Spherical tilings by congruent quadrangles: Forbidden cases and substructures. <i>Ars Mathematica Contemporanea</i> , 2015, 8, 297-318.	0.6	2
20	Alternating plane graphs. <i>Ars Mathematica Contemporanea</i> , 2015, 8, 337-363.	0.6	1
21	Generation of various classes of trivalent graphs. <i>Theoretical Computer Science</i> , 2013, 502, 16-29.	0.9	6
22	Forcing Independence. <i>Croatica Chemica Acta</i> , 2013, 86, 469-475.	0.4	0
23	Classification and generation of nanocones. <i>Discrete Applied Mathematics</i> , 2011, 159, 1528-1539.	0.9	16
24	GrInvIn in a nutshell. <i>Journal of Mathematical Chemistry</i> , 2009, 45, 471-477.	1.5	10
25	Planar hypohamiltonian oriented graphs. <i>Journal of Graph Theory</i> , 0, , .	0.9	0