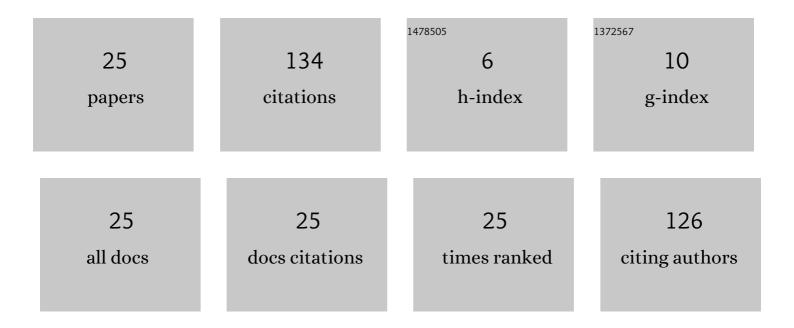
Nico Van Cleemput

List of Publications by Year in descending order

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| # | 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-cuts—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 |

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| # | 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 |