

Gregorio Hernández

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

107
citations

1684188

5
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

96
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Total domination in plane triangulations. <i>Discrete Mathematics</i> , 2021, 344, 112179. | 0.7 | 0 |
| 2 | Metric Dimension of Maximal Outerplanar Graphs. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2021, 44, 2603-2630. | 0.9 | 4 |
| 3 | Scientific Programming Tools for Water Management. <i>Scientific Programming</i> , 2021, 2021, 1-3. | 0.7 | 0 |
| 4 | Zero Forcing in triangulations. <i>Journal of Computational and Applied Mathematics</i> , 2019, 354, 123-130. | 2.0 | 5 |
| 5 | Combinatorial bounds on paired and multiple domination in triangulations. <i>Electronic Notes in Discrete Mathematics</i> , 2018, 68, 77-82. | 0.4 | 1 |
| 6 | Combinatorial bounds on connectivity for dominating sets in maximal outerplanar graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2016, 54, 109-114. | 0.4 | 6 |
| 7 | Some Results on Open-Edge and Open Mobile Guarding of Polygons and Triangulations. <i>Computer Journal</i> , 2015, 58, 160-171. | 2.4 | 1 |
| 8 | Distance domination, guarding and covering of maximal outerplanar graphs. <i>Discrete Applied Mathematics</i> , 2015, 181, 41-49. | 0.9 | 8 |
| 9 | Approximated algorithms for the minimum dilation triangulation problem. <i>Journal of Heuristics</i> , 2014, 20, 189-209. | 1.4 | 4 |
| 10 | Monitoring maximal outerplanar graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2014, 46, 145-152. | 0.4 | 3 |
| 11 | IMPROVING SHORTEST PATHS IN THE DELAUNAY TRIANGULATION. <i>International Journal of Computational Geometry and Applications</i> , 2012, 22, 559-576. | 0.5 | 1 |
| 12 | Approximations on Minimum Weight Triangulations and Minimum Weight Pseudo-Triangulations Using Ant Colony Optimization Metaheuristic. <i>Fundamenta Informaticae</i> , 2012, 119, 1-27. | 0.4 | 5 |
| 13 | Connecting Red Cells in a Bicolour Voronoi Diagram. <i>Lecture Notes in Computer Science</i> , 2012, , 210-219. | 1.3 | 0 |
| 14 | The embracing Voronoi diagram and closest embracing number. <i>Journal of Mathematical Sciences</i> , 2009, 161, 909-918. | 0.4 | 1 |
| 15 | An "Art Gallery Theorem" for pyramids. <i>Information Processing Letters</i> , 2009, 109, 719-721. | 0.6 | 2 |
| 16 | Metaheuristic Approaches for the Minimum Vertex Guard Problem. , 2009, , . | | 1 |
| 17 | Computing shortest heterochromatic monotone routes. <i>Operations Research Letters</i> , 2008, 36, 684-687. | 0.7 | 2 |
| 18 | Estimating the Maximum Hidden Vertex Set in Polygons. , 2008, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Bipartite embeddings of trees in the plane. <i>Discrete Applied Mathematics</i> , 1999, 93, 141-148. | 0.9 | 44 |
| 20 | A combinatorial property of convex sets. <i>Discrete and Computational Geometry</i> , 1997, 17, 307-318. | 0.6 | 14 |
| 21 | Onion polygonizations. <i>Information Processing Letters</i> , 1996, 57, 165-173. | 0.6 | 4 |
| 22 | Remote Monitoring by Edges and Faces of Maximal Outerplanar Graphs. <i>Computer Journal</i> , 0, , . | 2.4 | 1 |