

# Edgardo Roldán-Pensado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3431611/publications.pdf>

Version: 2024-02-01

29  
papers

69  
citations

1937685

4  
h-index

1720034

7  
g-index

29  
all docs

29  
docs citations

29  
times ranked

38  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Measure partitions using hyperplanes with fixed directions. <i>Israel Journal of Mathematics</i> , 2016, 212, 705-728.                                       | 0.8 | 12        |
| 2  | A Note on the Tolerant Tverberg Theorem. <i>Discrete and Computational Geometry</i> , 2017, 58, 746-754.   | 0.6 | 9         |
| 3  | A survey of mass partitions. <i>Bulletin of the American Mathematical Society</i> , 2022, 59, 227-267.   | 1.5 | 9         |
| 4  | Helly numbers of algebraic subsets of $\mathbb{R}^d$ and an extension of Doignon's Theorem. <i>Advances in Geometry</i> , 2017, 17, 473-482.                 | 0.4 | 7         |
| 5  | A characteristic property of the Euclidean disc. <i>Periodica Mathematica Hungarica</i> , 2009, 59, 213-222.   | 0.9 | 5         |
| 6  | Lower Bounds on Geometric Ramsey Functions. <i>SIAM Journal on Discrete Mathematics</i> , 2014, 28, 1960-1970.   | 0.8 | 4         |
| 7  | Infinite numerical range is convex. <i>Linear and Multilinear Algebra</i> , 2008, 56, 731-733.   | 1.0 | 3         |
| 8  | Lower bounds on geometric Ramsey functions. , 2014, , .  |     | 3         |
| 9  | An Extension of a Theorem of Yao and Yao. <i>Discrete and Computational Geometry</i> , 2014, 51, 285-299.  | 0.6 | 3         |
| 10 | On a conjecture of Grünbaum concerning partitions of convex sets. <i>Periodica Mathematica Hungarica</i> , 2010, 60, 41-47.                                  | 0.9 | 2         |
| 11 | Erdős-Székere's Theorem for Lines. <i>Discrete and Computational Geometry</i> , 2015, 54, 669-685.   | 0.6 | 2         |
| 12 | The colored Hadwiger transversal theorem in $\mathbb{R}^d$ . <i>Combinatorica</i> , 2016, 36, 417-429.   | 1.2 | 2         |
| 13 | Meissner polyhedra. <i>Acta Mathematica Hungarica</i> , 2017, 151, 482-494.  | 0.5 | 2         |
| 14 | Further Consequences of the Colorful Helly Hypothesis. <i>Discrete and Computational Geometry</i> , 2020, 63, 848-866.                                       | 0.6 | 2         |
| 15 | The Probability that a Convex Body Intersects the Integer Lattice in a $k$ -dimensional Set. <i>Discrete and Computational Geometry</i> , 2012, 47, 288-300. | 0.6 | 1         |
| 16 | Points defining triangles with distinct circumradii. <i>Acta Mathematica Hungarica</i> , 2015, 145, 136-141.   | 0.5 | 1         |
| 17 | Cutting convex curves. <i>European Journal of Combinatorics</i> , 2016, 58, 34-37.   | 0.8 | 1         |
| 18 | Dissecting the square into seven or nine congruent parts. <i>Discrete Mathematics</i> , 2022, 345, 112800.   | 0.7 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Line transversals to blown up closed balls. <i>Journal of Geometry</i> , 2011, 100, 79-84.   | 0.4 | 0         |
| 20 | A Question from a Famous Paper of Erdős's. <i>Discrete and Computational Geometry</i> , 2013, 50, 253-261.   | 0.6 | 0         |
| 21 | On a forgotten conjecture from a famous paper of Erdős's. , 2013, , .  |     | 0         |
| 22 | Paths on the doubly covered region of a covering of the plane by unit discs. <i>Studia Scientiarum Mathematicarum Hungarica</i> , 2013, 50, 465-469. | 0.1 | 0         |
| 23 | Longest convex lattice chains. <i>Computational Geometry: Theory and Applications</i> , 2014, 47, 367-376.   | 0.5 | 0         |
| 24 | About an Erdős's Grötzsch Conjecture Concerning Piercing of Non-bounded Convex Sets. <i>Discrete and Computational Geometry</i> , 2015, 53, 941-950. | 0.6 | 0         |
| 25 | A rainbow Ramsey analogue of Rado's theorem. <i>Discrete Mathematics</i> , 2016, 339, 2812-2818.   | 0.7 | 0         |
| 26 | On a Helly-type question for central symmetry. <i>Periodica Mathematica Hungarica</i> , 2019, 79, 78-85.   | 0.9 | 0         |
| 27 | Shadows of a Closed Curve. <i>International Mathematics Research Notices</i> , 2020, 2020, 1992-2006.  | 1.0 | 0         |
| 28 | Embeddability of Arrangements of Pseudocircles and Graphs on Surfaces. <i>Discrete and Computational Geometry</i> , 2020, 64, 386-395.               | 0.6 | 0         |
| 29 | The Graphs Behind Reuleaux Polyhedra. <i>Discrete and Computational Geometry</i> , 2020, 64, 1013-1022.  | 0.6 | 0         |