

# Mihai Ciucu

## List of Publications by Year in descending order

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times ranked

68  
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#	ARTICLE	IF	CITATIONS
1	The Effect of Microscopic Gap Displacement on the Correlation of Gaps in Dimer Systems. Journal of Statistical Physics, 2022, 186, 1.	1.2	2
2	Tilings of hexagons with a removed triad of bowties. Journal of Combinatorial Theory - Series A, 2021, 178, 105359.	0.8	2
3	Lozenge tilings of doubly-intruded hexagons. Journal of Combinatorial Theory - Series A, 2019, 167, 294-339.	0.8	4
4	Symmetries of shamrocks, Part I. Journal of Combinatorial Theory - Series A, 2018, 155, 376-397.	0.8	7
5	The other dual of MacMahon's theorem on plane partitions. Advances in Mathematics, 2017, 306, 427-450.	1.1	10
6	Gaps in dimer systems on doubly periodic planar bipartite graphs. Proceedings of the American Mathematical Society, 2017, 145, 4931-4944.	0.8	2
7	Four factorization formulas for plane partitions. Proceedings of the American Mathematical Society, 2016, 144, 1841-1856.	0.8	1
8	Macroscopically Separated Gaps in Dimer Coverings of Aztec Rectangles. Communications in Mathematical Physics, 2016, 344, 223-274.	2.2	4
9	Lozenge tilings of hexagons with arbitrary dents. Advances in Applied Mathematics, 2016, 73, 1-22.	0.7	12
10	Lozenge Tilings with Gaps in a $90^\circ$ Wedge Domain with Mixed Boundary Conditions. Communications in Mathematical Physics, 2015, 334, 507-532.	2.2	4
11	Proof of two conjectures of Ciucu and Krattenthaler on the enumeration of lozenge tilings of hexagons with cut off corners. Journal of Combinatorial Theory - Series A, 2015, 133, 228-250.	0.8	13
12	A generalization of Kuo condensation. Journal of Combinatorial Theory - Series A, 2015, 134, 221-241.	0.8	13
13	Proof of Blum's conjecture on hexagonal dungeons. Journal of Combinatorial Theory - Series A, 2014, 125, 273-305.	0.8	13
14	The Interaction of Collinear Gaps of Arbitrary Charge in a Two Dimensional Dimer System. Communications in Mathematical Physics, 2014, 330, 1115-1153.	2.2	5
15	A triangular gap of side 2 in a sea of dimers in a $60^\circ$ angle. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 494011.	2.1	8
16	The Interaction of a Gap with a Free Boundary in a Two Dimensional Dimer System. Communications in Mathematical Physics, 2011, 302, 253-289.	2.2	12
17	The emergence of the electrostatic field as a Feynman sum in random tilings with holes. Transactions of the American Mathematical Society, 2010, 362, 4921-4954.	0.9	12
18	Symmetry classes of spanning trees of Aztec diamonds and perfect matchings of odd squares with a unit hole. Journal of Algebraic Combinatorics, 2008, 27, 493-538.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Rotational invariance of quadromer correlations on the hexagonal lattice. <i>Advances in Mathematics</i> , 2005, 191, 46-77.	1.1	9
20	Perfect Matchings and Perfect Powers. <i>Journal of Algebraic Combinatorics</i> , 2003, 17, 335-375.	0.8	15
21	Enumeration of Lozenge Tilings of Hexagons with Cut-Off Corners. <i>Journal of Combinatorial Theory - Series A</i> , 2002, 100, 201-231.	0.8	22
22	Higher Dimensional Aztec Diamonds and a $(2d + 2)$ -Vertex Model. <i>Journal of Algebraic Combinatorics</i> , 1999, 9, 281-293.	0.8	0
23	A Complementation Theorem for Perfect Matchings of Graphs Having a Cellular Completion. <i>Journal of Combinatorial Theory - Series A</i> , 1998, 81, 34-68.	0.8	28
24	An improved upper bound for the 3 -dimensional dimer problem. <i>Duke Mathematical Journal</i> , 1998, 94, 1.	1.5	23
25	No-feedback card guessing for dovetail shuffles. <i>Annals of Applied Probability</i> , 1998, 8, 1251.	1.3	13
26	Enumeration of Perfect Matchings in Graphs with Reflective Symmetry. <i>Journal of Combinatorial Theory - Series A</i> , 1997, 77, 67-97.	0.8	85
27	Perfect Matchings of Cellular Graphs. <i>Journal of Algebraic Combinatorics</i> , 1996, 5, 87-103.	0.8	23
28	Cruciform regions and a conjecture of Di Francesco. , 0, , .		0