

Yuval Roichman

List of Publications by Year in descending order

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papers

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687363

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docs citations

46
times ranked

226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Block number, descents and Schur positivity of fully commutative elements in B_n . European Journal of Combinatorics, 2022, 101, 103464. | 0.8 | 0 |
| 2 | Cyclic quasi-symmetric functions. Israel Journal of Mathematics, 2021, 243, 437-500. | 0.8 | 5 |
| 3 | Combinatorial flip actions and Gelfand pairs for affine Weyl groups. Journal of Algebra, 2021, , . | 0.7 | 0 |
| 4 | On Cyclic Descents for Tableaux. International Mathematics Research Notices, 2020, 2020, 10231-10276. | 1.0 | 5 |
| 5 | Cyclic descents for near-hook and two-row shapes. European Journal of Combinatorics, 2019, 79, 152-178. | 0.8 | 6 |
| 6 | Block decomposition of permutations and Schur-positivity. Journal of Algebraic Combinatorics, 2018, 47, 603-622. | 0.8 | 2 |
| 7 | Character formulas and descents for the hyperoctahedral group. Advances in Applied Mathematics, 2017, 87, 128-169. | 0.7 | 10 |
| 8 | On rotated Schur-positive sets. Journal of Combinatorial Theory - Series A, 2017, 152, 121-137. | 0.8 | 9 |
| 9 | Schur-positive sets of permutations via products and grid classes. Journal of Algebraic Combinatorics, 2017, 45, 363-405. | 0.8 | 12 |
| 10 | Matrices, characters and descents. Linear Algebra and Its Applications, 2015, 469, 381-418. | 0.9 | 15 |
| 11 | Signed arc permutations. Electronic Journal of Combinatorics, 2015, 6, 205-234. | 0.1 | 1 |
| 12 | Arc permutations. Journal of Algebraic Combinatorics, 2014, 39, 301-334. | 0.8 | 11 |
| 13 | The absolute order of a permutation representation of a Coxeter group. Journal of Algebraic Combinatorics, 2014, 39, 75-98. | 0.8 | 2 |
| 14 | On maximal chains in the non-crossing partition lattice. Journal of Combinatorial Theory - Series A, 2014, 125, 18-46. | 0.8 | 4 |
| 15 | Diameter of graphs of reduced words and galleries. Transactions of the American Mathematical Society, 2012, 365, 2779-2802. | 0.9 | 13 |
| 16 | Triangle-Free Triangulations, Hyperplane Arrangements and Shifted Tableaux. Electronic Journal of Combinatorics, 2012, 19, . | 0.4 | 6 |
| 17 | A Gelfand model for wreath products. Israel Journal of Mathematics, 2010, 179, 381-402. | 0.8 | 21 |
| 18 | Triangle-free triangulations. Advances in Applied Mathematics, 2010, 45, 77-95. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Alternating subgroups of Coxeter groups. Journal of Combinatorial Theory - Series A, 2008, 115, 845-877. | 0.8 | 9 |
| 20 | Combinatorial Gelfand models. Journal of Algebra, 2008, 320, 1311-1325. | 0.7 | 27 |
| 21 | The mathematics of Amitai Regev. Advances in Applied Mathematics, 2006, 37, 132-138. | 0.7 | 0 |
| 22 | Equi-distribution over descent classes of the hyperoctahedral group. Journal of Combinatorial Theory - Series A, 2006, 113, 917-933. | 0.8 | 11 |
| 23 | Statistics on wreath products and generalized binomial-stirling numbers. Israel Journal of Mathematics, 2006, 151, 189-221. | 0.8 | 7 |
| 24 | Generalized statistics on S_n and pattern avoidance. European Journal of Combinatorics, 2005, 26, 29-57. | 0.8 | 2 |
| 25 | Signed Mahonians. Journal of Combinatorial Theory - Series A, 2005, 109, 25-43. | 0.8 | 18 |
| 26 | Permutation statistics on the alternating group. Advances in Applied Mathematics, 2004, 33, 676-709. | 0.7 | 13 |
| 27 | Descent representations and multivariate statistics. Transactions of the American Mathematical Society, 2004, 357, 3051-3082. | 0.9 | 30 |
| 28 | On Trees and Characters. Journal of Algebraic Combinatorics, 2003, 17, 323-334. | 0.8 | 6 |
| 29 | Shape Avoiding Permutations. Journal of Combinatorial Theory - Series A, 2002, 97, 162-176. | 0.8 | 2 |
| 30 | Hook interpolations. Journal of Algebra, 2002, 258, 543-562. | 0.7 | 2 |
| 31 | Descent Functions and Random Young Tableaux. Combinatorics Probability and Computing, 2001, 10, 187-201. | 1.3 | 2 |
| 32 | Descent Numbers and Major Indices for the Hyperoctahedral Group. Advances in Applied Mathematics, 2001, 27, 210-224. | 0.7 | 67 |
| 33 | The Flag Major Index and Group Actions on Polynomial Rings. European Journal of Combinatorics, 2001, 22, 431-446. | 0.8 | 64 |
| 34 | On characters of Weyl groups. Discrete Mathematics, 2001, 226, 355-358. | 0.7 | 5 |
| 35 | Hecke Algebra Actions on the Coinvariant Algebra. Journal of Algebra, 2000, 233, 594-613. | 0.7 | 8 |
| 36 | Schubert polynomials, Kazhdan's Lusztig basis and characters. Discrete Mathematics, 2000, 217, 353-365. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Characters of the Symmetric Groups: Formulas, Estimates and Applications. The IMA Volumes in Mathematics and Its Applications, 1999, , 525-545. | 0.5 | 4 |
| 38 | Induction and Restriction of Kazhdanâ€Lusztig Cells. Advances in Mathematics, 1998, 134, 384-398. | 1.1 | 16 |
| 39 | The action of a few permutations on r -tuples is quickly transitive. Random Structures and Algorithms, 1998, 12, 335-350. | 1.1 | 38 |
| 40 | Decomposition of the conjugacy representation of the symmetric groups. Israel Journal of Mathematics, 1997, 97, 305-316. | 0.8 | 3 |
| 41 | A Recursive Rule for Kazhdanâ€Lusztig Characters. Advances in Mathematics, 1997, 129, 25-45. | 1.1 | 20 |
| 42 | Expansion Properties of Cayley Graphs of the Alternating Groups. Journal of Combinatorial Theory - Series A, 1997, 79, 281-297. | 0.8 | 12 |
| 43 | On random random walks. Annals of Probability, 1996, 24, 1001. | 1.8 | 14 |
| 44 | Upper bound on the characters of the symmetric groups. Inventiones Mathematicae, 1996, 125, 451-485. | 2.5 | 53 |
| 45 | Random Cayley graphs and expanders. Random Structures and Algorithms, 1994, 5, 271-284. | 1.1 | 143 |
| 46 | On Permutation Statistics and Hecke Algebra Characters. , 0, , . | | 5 |