

# Nicholas Young

## List of Publications by Year in descending order

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42  
papers

829  
citations

394286  
19  
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docs citations

44  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive treatment and robust control. <i>Biometrics</i> , 2021, 77, 223-236.	0.8	0
2	Exterior Powers and Pointwise Creation Operators. <i>Complex Analysis and Operator Theory</i> , 2021, 15, 1.	0.3	1
3	Intrinsic Directions, Orthogonality, and Distinguished Geodesics in the Symmetrized Bidisc. <i>Journal of Geometric Analysis</i> , 2021, 31, 8202-8237.	0.5	1
4	Exterior products of operators and superoptimal analytic approximation. <i>Transactions of the London Mathematical Society</i> , 2021, 8, 299-412.	0.3	0
5	Characterizations of Some Domains via Carathéodory Extremals. <i>Journal of Geometric Analysis</i> , 2019, 29, 3039-3054.	0.5	2
6	A geometric characterization of the symmetrized bidisc. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 473, 1377-1413.	0.5	5
7	Noncommutative manifolds, the free square root and symmetric functions in two noncommuting variables. <i>Transactions of the London Mathematical Society</i> , 2018, 5, 132-183.	0.3	4
8	Algebraic and geometric aspects of rational $\hat{I}^c$ -inner functions. <i>Advances in Mathematics</i> , 2018, 328, 133-159.	0.5	13
9	A rich structure related to the construction of analytic matrix functions. <i>Journal of Functional Analysis</i> , 2017, 272, 1704-1754.	0.7	2
10	Realization of functions on the symmetrized bidisc. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 453, 227-240.	0.5	26
11	Finite Blaschke products and the construction of rational $\hat{I}^c$ -inner functions. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 447, 1163-1196.	0.5	5
12	Nevanlinna representations in several variables. <i>Journal of Functional Analysis</i> , 2016, 270, 3000-3046.	0.7	37
13	3-Extremal Holomorphic Maps and the Symmetrized Bidisc. <i>Journal of Geometric Analysis</i> , 2015, 25, 2060-2102.	0.5	2
14	The complex geometry of a domain related to $\hat{I}^c$ -synthesis. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 422, 508-543.	0.5	9
15	Symmetric functions of two noncommuting variables. <i>Journal of Functional Analysis</i> , 2014, 266, 5709-5732.	0.7	26
16	On the representation of holomorphic functions on polyhedra. <i>Michigan Mathematical Journal</i> , 2013, 62, .	0.2	22
17	Extremal holomorphic maps and the symmetrized bidisc. <i>Proceedings of the London Mathematical Society</i> , 2013, 106, 781-818.	0.6	26
18	A Case of $\mu$ -Synthesis as a Quadratic Semidefinite Program. <i>SIAM Journal on Control and Optimization</i> , 2013, 51, 2472-2508.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Boundary behavior of analytic functions of two variables via generalized models. <i>Indagationes Mathematicae</i> , 2012, 23, 995-1027.	0.2	28
20	Operator monotone functions and Löwner functions of several variables. <i>Annals of Mathematics</i> , 2012, 176, 1783-1826.	2.1	63
21	Pseudo-Taylor expansions and the Carathéodory-Fejér problem. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 386, 308-318.	0.5	2
22	A Carathéodory theorem for the bidisk via Hilbert space methods. <i>Mathematische Annalen</i> , 2012, 352, 581-624.	0.7	44
23	Some Analysable Instances of $\hat{H}^1$ -synthesis. , 2012, , 351-368.		2
24	Boundary Nevanlinna-Pick interpolation via reduction and augmentation. <i>Mathematische Zeitschrift</i> , 2011, 268, 791-817.	0.4	4
25	Facial behaviour of analytic functions on the bidisc. <i>Bulletin of the London Mathematical Society</i> , 2011, 43, 478-494.	0.4	26
26	The automorphism group of the tetrablock. <i>Journal of the London Mathematical Society</i> , 2008, 77, 757-770.	0.5	18
27	A Schwarz lemma for a domain related to $\hat{H}^1$ -synthesis. <i>Journal of Geometric Analysis</i> , 2007, 17, 717-750.	0.5	42
28	Chain rules for higher derivatives. <i>Mathematical Intelligencer</i> , 2006, 28, 61-69.	0.1	22
29	THE COMPLEX GEODESICS OF THE SYMMETRIZED BIDISC. <i>International Journal of Mathematics</i> , 2006, 17, 375-391.	0.2	16
30	The hyperbolic geometry of the symmetrized bidisc. <i>Journal of Geometric Analysis</i> , 2004, 14, 375.	0.5	100
31	The two-by-two spectral Nevanlinna-Pick problem. <i>Transactions of the American Mathematical Society</i> , 2003, 356, 573-585.	0.5	25
32	A Schwarz Lemma for the Symmetrized Bidisc. <i>Bulletin of the London Mathematical Society</i> , 2001, 33, 175-186.	0.4	29
33	The two-point spectral Nevanlinna-Pick problem. <i>Integral Equations and Operator Theory</i> , 2000, 37, 375-385.	0.4	28
34	Operators having the symmetrized bidisc as a spectral set. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2000, 43, 195-210.	0.2	24
35	A Commutant Lifting Theorem for a Domain in $C^2$ and Spectral Interpolation. <i>Journal of Functional Analysis</i> , 1999, 161, 452-477.	0.7	78
36	Functions Which are Almost Multipliers of Hilbert Function Spaces. <i>Proceedings of the London Mathematical Society</i> , 1998, 76, 453-475.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Superoptimal approximation by meromorphic functions. Mathematical Proceedings of the Cambridge Philosophical Society, 1996, 119, 497-511.	0.3	4
38	Construction of superoptimal approximants. Mathematics of Control, Signals, and Systems, 1995, 8, 118-137.	1.4	4
39	Superoptimal Analytic Approximations of Matrix Functions. Journal of Functional Analysis, 1994, 120, 300-343.	0.7	38
40	Best analytic approximation of rational functions of degree 2. International Journal of Robust and Nonlinear Control, 1991, 1, 3-5.	2.1	2
41	Tracking poles and representing Hankel operators directly from data. Numerische Mathematik, 1990, 58, 641-660.	0.9	3
42	The singular-value decomposition of an infinite Hankel matrix. Linear Algebra and Its Applications, 1983, 50, 639-656.	0.4	34