

# Timur M Sadykov

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

141  
citations

1307594

7  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Singularities of hypergeometric functions in several variables. <i>Compositio Mathematica</i> , 2005, 141, 787-810.	0.8	27
2	Bivariate hypergeometric D-modules. <i>Advances in Mathematics</i> , 2005, 196, 78-123.	1.1	18
3	On the Horn system of partial differential equations and series of hypergeometric type. <i>Mathematica Scandinavica</i> , 2002, 91, 127.	0.2	17
4	The Hadamard product of hypergeometric series. <i>Bulletin Des Sciences Mathematiques</i> , 2002, 126, 31-43.	1.0	10
5	On a multidimensional system of hypergeometric differential equations. <i>Siberian Mathematical Journal</i> , 1998, 39, 986-997.	0.6	9
6	Bases in the solution space of the Mellin system. <i>Sbornik Mathematics</i> , 2007, 198, 1277-1298.	0.6	8
7	On the analytic complexity of discriminants. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2012, 279, 78-92.	0.3	8
8	Maximally reducible monodromy of bivariate hypergeometric systems. <i>Izvestiya Mathematics</i> , 2016, 80, 221-262.	0.6	8
9	Algebraicity of solutions to the Mellin system and its monodromy. <i>Doklady Mathematics</i> , 2007, 75, 80-82.	0.6	7
10	Algorithmic Computation of $\hat{A}$ Polynomial Amoebas. <i>Lecture Notes in Computer Science</i> , 2016, , 87-100.	1.3	6
11	Evaluating the rational generating function for the solution of the Cauchy problem for a two-dimensional difference equation with constant coefficients. <i>Programming and Computer Software</i> , 2017, 43, 105-111.	0.9	5
12	Amoeba-Shaped Polyhedral Complex of an Algebraic Hypersurface. <i>Journal of Geometric Analysis</i> , 2019, 29, 1356-1368.	1.0	4
13	Hypergeometric systems of equations with maximally reducible monodromy. <i>Doklady Mathematics</i> , 2008, 78, 880-882.	0.6	3
14	On the analytic complexity of hypergeometric functions. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2017, 298, 248-255.	0.3	3
15	Computational Problems of Multivariate Hypergeometric Theory. <i>Programming and Computer Software</i> , 2018, 44, 131-137.	0.9	3
16	Hypergeometric polynomials are optimal. <i>Mathematische Zeitschrift</i> , 2020, 296, 373-390.	0.9	3
17	Polynomial dynamics of human blood genotypes frequencies. <i>Journal of Symbolic Computation</i> , 2017, 79, 342-355.	0.8	2
18	A discrete version of the Riemann-Hilbert problem. <i>Russian Mathematical Surveys</i> , 2008, 63, 973-975.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Foreword, with a Dedication to Andreas Weber. Mathematics in Computer Science, 2021, 15, 173-175.	0.4	0
20	Foreword, with a Dedication to Vladimir Gerdt. Mathematics in Computer Science, 2021, 15, 369-371.	0.4	0
21	Beyond the First Class of Analytic Complexity. Lecture Notes in Computer Science, 2018, , 335-344.	1.3	0