

# Alexandr N Zubkov

## List of Publications by Year in descending order

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45  
papers

340  
citations

933447

10  
h-index

888059

17  
g-index

45  
all docs

45  
docs citations

45  
times ranked

48  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-invariants of quivers as determinants. Transformation Groups, 2001, 6, 9-24.	0.7	57
2	Rings of matrix invariants in positive characteristic. Journal of Pure and Applied Algebra, 2002, 176, 61-80.	0.6	28
3	Affine Quotients of Supergroups. Transformation Groups, 2009, 14, 713-745.	0.7	24
4	Some properties of general linear supergroups and of Schur superalgebras. Algebra and Logic, 2006, 45, 147-171.	0.3	23
5	Quotient sheaves of algebraic supergroups are superschemes. Journal of Algebra, 2011, 348, 135-170.	0.7	21
6	ON QUOTIENTS OF AFFINE SUPERSCHEMES OVER FINITE SUPERGROUPS. Journal of Algebra and Its Applications, 2011, 10, 391-408.	0.4	14
7	COSTANDARD MODULES OVER SCHUR SUPERALGEBRAS IN CHARACTERISTIC $p$ . Journal of Algebra and Its Applications, 2008, 07, 147-166.	0.4	12
8	Non-abelian free pro- $p$ -groups cannot be represented by 2-by-2 matrices. Siberian Mathematical Journal, 1988, 28, 742-747.	0.6	11
9	Solvability and nilpotency for algebraic supergroups. Journal of Pure and Applied Algebra, 2017, 221, 339-365.	0.6	11
10	Endomorphisms of tensor products of exterior powers and proci hypothesis. Communications in Algebra, 1994, 22, 6385-6399.	0.6	10
11	Donkin's Koppinen Filtration for General Linear Supergroups. Algebras and Representation Theory, 2012, 15, 883-899.	0.7	10
12	Pseudocompact Algebras and Highest Weight Categories. Algebras and Representation Theory, 2013, 16, 689-728.	0.7	10
13	Semisimple Representations of Quivers in Characteristic $p$ . Algebras and Representation Theory, 2002, 5, 305-317.	0.7	9
14	SCHUR SUPERALGEBRAS IN CHARACTERISTIC $p$ , II. Bulletin of the London Mathematical Society, 2006, 38, 99-112.	0.8	9
15	Schur Superalgebras in Characteristic $p$ . Algebras and Representation Theory, 2006, 9, 1-12.	0.7	8
16	Semi-invariants of mixed representations of quivers. Transformation Groups, 2007, 12, 341-369.	0.7	8
17	Some homological properties of $GL(m n)$ in arbitrary characteristic. Journal of Algebra and Its Applications, 2016, 15, 1650119.	0.4	8
18	Matrix invariants over an infinite field of finite characteristic. Siberian Mathematical Journal, 1993, 34, 1059-1065.	0.6	7

#	ARTICLE	IF	CITATIONS
19	Solvable, reductive and quasireductive supergroups. <i>Journal of Algebra</i> , 2016, 452, 448-473.	0.7	7
20	The Center of $\text{Dist}(\text{GL}(m n))$ in Positive Characteristic. <i>Algebras and Representation Theory</i> , 2016, 19, 613-639.	0.7	7
21	BLOCKS FOR THE GENERAL LINEAR SUPERGROUP $\text{GL}(m n)$ . <i>Transformation Groups</i> , 2018, 23, 185-215.	0.7	6
22	On the procedure of calculation of the invariants of an adjoint action of classical groups. <i>Communications in Algebra</i> , 1994, 22, 4457-4474.	0.6	5
23	Description of costandard modules for Schur superalgebra $S(2 1)$ in positive characteristic. <i>Linear and Multilinear Algebra</i> , 2011, 59, 57-64.	1.0	5
24	INVARIANTS OF $G_2$ AND $\text{Spin}(7)$ IN POSITIVE CHARACTERISTIC. <i>Transformation Groups</i> , 2018, 23, 555-588.	0.7	5
25	On the notion of Krull super-dimension. <i>Journal of Pure and Applied Algebra</i> , 2020, 224, 106245.	0.6	5
26	Generators of supersymmetric polynomials in positive characteristic. <i>Journal of Algebra</i> , 2012, 349, 38-49.	0.7	3
27	Coinvariants for a coadjoint action of quantum matrices. <i>Algebra and Logic</i> , 2009, 48, 239-249.	0.3	2
28	A note on bideterminants for Schur superalgebras. <i>Journal of Pure and Applied Algebra</i> , 2011, 215, 2223-2230.	0.6	2
29	Solvable and Unipotent Supergroups. <i>Algebra and Logic</i> , 2014, 53, 206-216.	0.3	2
30	$\text{GL}(m n)$ -supermodules with good and Weyl filtrations. <i>Journal of Pure and Applied Algebra</i> , 2015, 219, 5259-5279.	0.6	2
31	Some Properties of Noetherian Superschemes. <i>Algebra and Logic</i> , 2018, 57, 130-140.	0.3	2
32	Super-representations of quivers and related polynomial semi-invariants. <i>International Journal of Algebra and Computation</i> , 2020, 30, 883-902.	0.5	2
33	Rings of invariants of $2\tilde{A}-2$ matrices in positive characteristic. <i>Linear Algebra and Its Applications</i> , 2003, 365, 271-278.	0.9	1
34	Borel Subalgebras of Schur Superalgebras. <i>Algebra and Logic</i> , 2005, 44, 168-184.	0.3	1
35	Exactness of Complexes of Modules over Schur Superalgebras. <i>Algebra Colloquium</i> , 2006, 13, 99-110.	0.2	1
36	Linkage principle for ortho-symplectic supergroups. <i>Journal of Algebra</i> , 2018, 493, 444-482.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Central elements in the distribution algebra of a general linear supergroup and supersymmetric elements. <i>Journal of Algebra</i> , 2020, 553, 89-118.	0.7	1
38	Lattice of subvarieties of pro-p-groups has the power of the continuum. <i>Siberian Mathematical Journal</i> , 1989, 29, 491-494.	0.6	0
39	Varieties of pro-p-groups of second order matrices. <i>Algebra and Logic</i> , 1990, 29, 287-301.	0.3	0
40	Varieties of metabelian pro-p-groups. <i>Siberian Mathematical Journal</i> , 1992, 33, 816-825.	0.6	0
41	On one conjecture of O.I. Tavgenâ€™. <i>Siberian Mathematical Journal</i> , 1997, 38, 78-83.	0.6	0
42	Minimal degrees of invariants of (super)groups â€™ a connection to cryptology. <i>Linear and Multilinear Algebra</i> , 2017, 65, 2340-2355.	1.0	0
43	Public-key cryptosystem based on invariants of diagonalizable groups. <i>Groups, Complexity, Cryptology</i> , 2017, 9, .	0.3	0
44	Exterior powers of the standard E6-module: An elementary approach. <i>International Journal of Algebra and Computation</i> , 2020, 30, 1097-1128.	0.5	0
45	On dimension theory of supermodules, super-rings, and superschemes. <i>Communications in Algebra</i> , 2022, 50, 5387-5409.	0.6	0