

# Boris Feigin

## List of Publications by Year in descending order

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28  
papers

1,154  
citations

516215

16  
h-index

500791

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaudin model, Bethe Ansatz and critical level. Communications in Mathematical Physics, 1994, 166, 27-62.	1.0	217
2	Quantization of the Drinfeld-Sokolov reduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 75-81.	1.5	201
3	AFFINE KAC-MOODY ALGEBRAS AT THE CRITICAL LEVEL AND GELFAND-DIKII ALGEBRAS. International Journal of Modern Physics A, 1992, 07, 197-215.	0.5	169
4	Quantum $q$ -algebras and elliptic algebras. Communications in Mathematical Physics, 1996, 178, 653-677.	1.0	127
5	Opers with irregular singularity and spectra of the shift of argument subalgebra. Duke Mathematical Journal, 2010, 155, .	0.8	37
6	Duality in $W$ -algebras. International Mathematics Research Notices, 1991, 1991, 75.	0.5	35
7	Free field resolutions in affine Toda field theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 79-86.	1.5	34
8	Plane partitions with a $q$ -generating functions and representation theory. Selecta Mathematica, New Series, 2018, 24, 21-62.	0.4	34
9	Yangians and cohomology rings of Laumon spaces. Selecta Mathematica, New Series, 2011, 17, 573-607.	0.4	33
10	A Finite Analog of the AGT Relation I: Finite $W$ -Algebras and Quasimaps <sup>TM</sup> Spaces. Communications in Mathematical Physics, 2011, 308, 457-478.	1.0	32
11	Semi-infinite Weil complex and the Virasoro algebra. Communications in Mathematical Physics, 1991, 137, 617-639.	1.0	30
12	On algebraic equations satisfied by hypergeometric correlators in WZW models. II. Communications in Mathematical Physics, 1995, 170, 219-247.	1.0	24
13	Algebra of Screening Operators for the Deformed $W_n$ Algebra. Communications in Mathematical Physics, 1998, 191, 501-541.	1.0	23
14	On algebraic equations satisfied by hypergeometric correlators in WZW models. I. Communications in Mathematical Physics, 1994, 163, 173-184.	1.0	21
15	VOA[ $\mathfrak{sl}(2)$ ]. Journal of Mathematical Physics, 2020, 61, .	0.5	19
16	Bethe subalgebras of $U_q(\widehat{\mathfrak{sl}}_n)$ via shuffle algebras. Selecta Mathematica, New Series, 2016, 22, 979-1011.	0.4	17
17	A family of elliptic algebras. International Mathematics Research Notices, 1997, 1997, 531.	0.5	15
18	Andrews's "Gordon type identities from combinations of Virasoro characters. Ramanujan Journal, 2008, 17, 33-52.	0.4	13

#	ARTICLE	IF	CITATIONS
19	Kac-Moody groups and integrability of soliton equations. <i>Inventiones Mathematicae</i> , 1995, 120, 379-408.	1.3	12
20	Gelfand–Tsetlin algebras and cohomology rings of Laumon spaces. <i>Selecta Mathematica, New Series</i> , 2011, 17, 337-361.	0.4	12
21	Bosonic ghost system and the Virasoro algebra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 246, 71-74.	1.5	11
22	Coupling of Two Conformal Field Theories and Nakajima–Yoshioka Blow-Up Equations. <i>Letters in Mathematical Physics</i> , 2016, 106, 29-56.	0.5	10
23	Urod algebras and Translation of $W$ -algebras. <i>Forum of Mathematics, Sigma</i> , 2022, 10, .	0.3	5
24	Dual description of $\hat{t}$ -deformed OSP sigma models. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	4
25	A combinatorial formula for affine Hall–Littlewood functions via a weighted Brion theorem. <i>Selecta Mathematica, New Series</i> , 2016, 22, 1703-1747.	0.4	1
26	Shuffle algebra realization of quantum affine superalgebra $U_q(\mathfrak{sl}_1 n)$		