

# Vivek Sahai

## List of Publications by Year in descending order

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30  
papers

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citations

1307543

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h-index

996954

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docs citations

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times ranked

90  
citing authors

#	ARTICLE	IF	CITATIONS
1	Certain Integral Representations, Transformation Formulas and Summation Formulas Related to Humbert Matrix Functions. <i>Bulletin of the Brazilian Mathematical Society</i> , 2021, 52, 213-239.	0.8	3
2	Lie algebras of matrix difference differential operators and special matrix functions. <i>Advances in Applied Mathematics</i> , 2021, 122, 102109.	0.7	8
3	On certain properties and expansions of zeta matrix function, digamma matrix function and polygamma matrix function. <i>Quaestiones Mathematicae</i> , 2020, 43, 97-105.	0.6	6
4	A note on the Appell matrix functions. <i>Quaestiones Mathematicae</i> , 2020, 43, 321-334.	0.6	12
5	On the matrix versions of q-zeta function, q-digamma function and q-polygamma function. <i>Asian-European Journal of Mathematics</i> , 2020, 13, 2050142.	0.5	1
6	Some recursion formulas for q-Lauricella series. <i>Afrika Matematika</i> , 2020, 31, 643-686.	0.8	3
7	On q-Special Matrix Functions Using Quantum Algebraic Techniques. <i>Reports on Mathematical Physics</i> , 2020, 85, 253-265.	0.8	3
8	Finite summation formulas of Srivastava's general triple hypergeometric function. <i>Asian-European Journal of Mathematics</i> , 2019, 12, 1950020.	0.5	2
9	On certain $q$ -hypergeometric matrix functions of several variables and their $q$ -difference equations. <i>Journal of Difference Equations and Applications</i> , 2019, 25, 1531-1548.	1.1	1
10	Models of Lie algebra $sl(2, \mathbb{C})$ and special matrix functions by means of a matrix integral transformation. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 473, 786-802.	1.0	4
11	On the basic hypergeometric matrix functions of two variables. <i>Linear and Multilinear Algebra</i> , 2019, 67, 1-19.	1.0	7
12	On the hypergeometric matrix functions of several variables. <i>Journal of Mathematical Physics</i> , 2018, 59, .	1.1	10
13	On the hypergeometric matrix functions of two variables. <i>Linear and Multilinear Algebra</i> , 2018, 66, 1819-1837.	1.0	25
14	Recursion formulas for Srivastava's general triple hypergeometric function. <i>Asian-European Journal of Mathematics</i> , 2016, 09, 1650063.	0.5	6
15	Recursion formulas for the Srivastava's Daoust and related multivariable hypergeometric functions. <i>Asian-European Journal of Mathematics</i> , 2016, 09, 1650081.	0.5	6
16	On an extension of the generalized Pochhammer symbol and its applications to hypergeometric functions. <i>Asian-European Journal of Mathematics</i> , 2016, 09, 1650064.	0.5	3
17	Recursion Formulas for Exton's triple Hypergeometric Functions. <i>Kyungpook Mathematical Journal</i> , 2016, 56, 473-506.	0.3	5
18	$n$ th-order $q$ -derivatives of Srivastava's General Triple $q$ -hypergeometric Series with Respect to Parameters. <i>Kyungpook Mathematical Journal</i> , 2016, 56, 911-925.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Recursion formulas for multivariable hypergeometric functions. Asian-European Journal of Mathematics, 2015, 08, 1550082.	0.5	11
20	nth-Order q-derivatives of multivariable q-hypergeometric series with respect to parameters. Asian-European Journal of Mathematics, 2014, 07, 1450019.	0.5	5
21	On irreducible $(p, q)$ -representations of Lie algebras $\mathfrak{sl}(2)$ and $\mathfrak{su}(2)$ . <i>Mathematische Nachrichten</i> , 2013, 286, 392-401.	0.8	0
22	On models of irreducible $(p, q)$ -representations of $\mathfrak{sl}(2)$ and $\mathfrak{su}(2)$ Mellin integral transformation. <i>Mathematische Nachrichten</i> , 2011, 284, 1955-1966.	0.8	0
23	On models of certain $(p, q)$ -representations of the Lie algebra $\mathfrak{sl}(2)$ . <i>Journal of Mathematical Physics</i> , 2008, 49, 053504.	1.0	2
24	On models of certain $(p, q)$ -algebra representations: The $(p, q)$ -oscillator algebra. <i>Journal of Mathematical Physics</i> , 2008, 49, 053504.	1.1	2
25	On models of irreducible $(p, q)$ -representations of the Lie algebra $\mathfrak{sl}(2)$ . <i>Journal of Mathematical Physics</i> , 2008, 49, 053504.	1.0	94
26	On models of irreducible $(p, q)$ -representations of the Lie algebra $\mathfrak{sl}(2)$ . <i>Journal of Mathematical Physics</i> , 2008, 49, 053504.	1.0	1
27	On irreducible $(p, q)$ -representations of $\mathfrak{sl}(2)$ . <i>Journal of Computational and Applied Mathematics</i> , 2003, 160, 271-281.	2.0	9
28	On models of $U_q(\mathfrak{sl}(2))$ and $q$ -Appell functions using a $q$ -integral transformation. <i>Proceedings of the American Mathematical Society</i> , 1999, 127, 3201-3213.	0.8	3
29	SQUEEZED STATES AND TWO-PARAMETER QUANTUM GROUPS. <i>Modern Physics Letters A</i> , 1998, 13, 887-891.	1.2	0
30	ON THE CLASSICAL LIMIT OF THE GENERALIZED $q$ -DEFORMED $SU_q(2)$ AND $SU_q(1,1)$ ALGEBRAS. <i>Modern Physics Letters A</i> , 1998, 13, 91-98.	1.2	0