

# Vladimir Rubtsov

## List of Publications by Year in descending order

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30  
papers

239  
citations

1307594

7  
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1125743

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g-index

33  
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33  
docs citations

33  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Duality in integrable systems and gauge theories. <i>Journal of High Energy Physics</i> , 2000, 2000, 028-028.	4.7	79
2	Quasi-hopf algebras associated with $sl_2$ and complex curves. <i>Israel Journal of Mathematics</i> , 1999, 112, 61-108.	0.8	42
3	Noncommutative Toda chains, Hankel quasideterminants and the Painlevé II equation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 505204.	2.1	27
4	Compatible Structures on Lie Algebroids and Monge-Ampère Operators. <i>Acta Applicandae Mathematicae</i> , 2010, 109, 101-135.	1.0	23
5	Commuting families in skew fields and quantization of Beauville's fibration. <i>Duke Mathematical Journal</i> , 2003, 119, 197.	1.5	14
6	Parameter-dependent associative Yang-Baxter equations and Poisson brackets. <i>International Journal of Geometric Methods in Modern Physics</i> , 2014, 11, 1460036.	2.0	7
7	Quantised Painlevé monodromy manifolds, Sklyanin and Calabi-Yau algebras. <i>Advances in Mathematics</i> , 2021, 376, 107442.	1.1	7
8	On the Heisenberg Invariance and the Elliptic Poisson Tensors. <i>Letters in Mathematical Physics</i> , 2011, 96, 263-284.	1.1	6
9	On localization in holomorphic equivariant cohomology. <i>Central European Journal of Mathematics</i> , 2012, 10, 1442-1454.	0.7	5
10	Manin Matrices, Quantum Elliptic Commutative Families and Characteristic Polynomial of Elliptic Gaudin Model. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 2009, , .	0.5	5
11	Quantization and Dynamisation of Trace-Poisson Brackets. <i>Communications in Mathematical Physics</i> , 2016, 341, 263-287.	2.2	4
12	Integrable systems associated with elliptic algebras. , 2008, , 81-105.		3
13	On the Higher Poisson Structures of the Camassa-Holm Hierarchy. <i>Acta Applicandae Mathematicae</i> , 2008, 101, 243-254.	1.0	2
14	Model differential equations and the Lie superposition principle. , 0, , 76-100.		0
15	Linear algebra of symplectic vector spaces. , 0, , 103-118.		0
16	Exterior algebra on symplectic vector spaces. , 0, , 119-134.		0
17	A symplectic classification of exterior 2-forms in dimension 4. , 0, , 135-146.		0
18	Symplectic classification of exterior 2-forms. , 0, , 147-161.		0

#	ARTICLE	IF	CITATIONS
19	Classification of exterior 3-forms on a six-dimensional symplectic space. , 0, , 162-180.		0
20	Systems of first-order partial differential equations on two-dimensional manifolds. , 0, , 318-336.		0
21	Non-linear thermal conductivity. , 0, , 356-370.		0
22	Meteorology applications. , 0, , 371-382.		0
23	Classification of symplectic MAOs on two-dimensional manifolds. , 0, , 385-421.		0
24	Classification of symplectic MAEs on two-dimensional manifolds. , 0, , 422-446.		0
25	Contact classification of MAEs on two-dimensional manifolds. , 0, , 447-471.		0
26	Symplectic classification of MAEs on three-dimensional manifolds. , 0, , 472-486.		0
27	Hitchin and Beauville-Mukai System: Classical and Quantum Correspondence. Acta Applicandae Mathematicae, 2007, 99, 283-292.	1.0	0
28	Editors'™ preface for the topical issue on "The interface between integrability and quantization". Journal of Geometry and Physics, 2011, 61, 1632.	1.4	0
29	Generalizations of Poisson Structures Related to Rational Gaudin Model. Annales Henri Poincare, 2015, 16, 1689-1707.	1.7	0
30	On Energy "Information Balance in Automatic Control Systems Revisited. Entropy, 2020, 22, 1300.	2.2	0