

Vladimir Rubtsov

List of Publications by Year in descending order

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30
papers

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#	ARTICLE	IF	CITATIONS
1	Quantised Painlevé monodromy manifolds, Sklyanin and Calabi-Yau algebras. <i>Advances in Mathematics</i> , 2021, 376, 107442.	1.1	7
2	On Energy-Information Balance in Automatic Control Systems Revisited. <i>Entropy</i> , 2020, 22, 1300.	2.2	0
3	Quantization and Dynamisation of Trace-Poisson Brackets. <i>Communications in Mathematical Physics</i> , 2016, 341, 263-287.	2.2	4
4	Generalizations of Poisson Structures Related to Rational Gaudin Model. <i>Annales Henri Poincaré</i> , 2015, 16, 1689-1707.	1.7	0
5	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
6	On localization in holomorphic equivariant cohomology. <i>Central European Journal of Mathematics</i> , 2012, 10, 1442-1454.	0.7	5
7	On the Heisenberg Invariance and the Elliptic Poisson Tensors. <i>Letters in Mathematical Physics</i> , 2011, 96, 263-284.	1.1	6
8	Editors' preface for the topical issue on "The interface between integrability and quantization". <i>Journal of Geometry and Physics</i> , 2011, 61, 1632.	1.4	0
9	Compatible Structures on Lie Algebroids and Monge-Ampère Operators. <i>Acta Applicandae Mathematicae</i> , 2010, 109, 101-135.	1.0	23
10	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
11	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
12	On the Higher Poisson Structures of the Camassa-Holm Hierarchy. <i>Acta Applicandae Mathematicae</i> , 2008, 101, 243-254.	1.0	2
13	Integrable systems associated with elliptic algebras. , 2008, , 81-105.		3
14	Hitchin and Beauville-Mukai System: Classical and Quantum Correspondence. <i>Acta Applicandae Mathematicae</i> , 2007, 99, 283-292.	1.0	0
15	Commuting families in skew fields and quantization of Beauville's fibration. <i>Duke Mathematical Journal</i> , 2003, 119, 197.	1.5	14
16	Duality in integrable systems and gauge theories. <i>Journal of High Energy Physics</i> , 2000, 2000, 028-028.	4.7	79
17	Quasi-hopf algebras associated with \mathfrak{sl}_2 and complex curves. <i>Israel Journal of Mathematics</i> , 1999, 112, 61-108.	0.8	42
18	Model differential equations and the Lie superposition principle. , 0, , 76-100.		0

#	ARTICLE	IF	CITATIONS
19	Linear algebra of symplectic vector spaces. , 0, , 103-118.		0
20	Exterior algebra on symplectic vector spaces. , 0, , 119-134.		0
21	A symplectic classification of exterior 2-forms in dimension 4. , 0, , 135-146.		0
22	Symplectic classification of exterior 2-forms. , 0, , 147-161.		0
23	Classification of exterior 3-forms on a six-dimensional symplectic space. , 0, , 162-180.		0
24	Systems of first-order partial differential equations on two-dimensional manifolds. , 0, , 318-336.		0
25	Non-linear thermal conductivity. , 0, , 356-370.		0
26	Meteorology applications. , 0, , 371-382.		0
27	Classification of symplectic MAOs on two-dimensional manifolds. , 0, , 385-421.		0
28	Classification of symplectic MAEs on two-dimensional manifolds. , 0, , 422-446.		0
29	Contact classification of MAEs on two-dimensional manifolds. , 0, , 447-471.		0
30	Symplectic classification of MAEs on three-dimensional manifolds. , 0, , 472-486.		0