Vyacheslav M Boyko

List of Publications by Year
in descending order

17	286	1163117	996975
papers	citations	8	15
		h-index	g-index

17	17	17	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Realizations of real low-dimensional Lie algebras. Journal of Physics A, 2003, 36, 7337-7360.	1.6	126
2	Computation of invariants of Lie algebras by means of moving frames. Journal of Physics A, 2006, 39, 5749-5762.	1.6	35
3	Invariants of Lie algebras with fixed structure of nilradicals. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 113-130.	2.1	21
4	Enhanced group classification of nonlinear diffusion–reaction equations with gradient-dependent diffusivity. Journal of Mathematical Analysis and Applications, 2020, 484, 123739.	1.0	17
5	Lie symmetries of systems of second-order linear ordinary differential equations with constant coefficients. Journal of Mathematical Analysis and Applications, 2013, 397, 434-440.	1.0	16
6	Singular reduction modules of differential equations. Journal of Mathematical Physics, 2016, 57, .	1.1	13
7	Nonlinear Representations for Poincaré and Galilei algebras and nonlinear equations for electromagnetic fields. Journal of Nonlinear Mathematical Physics, 1994, 1, 210.	1.3	12
8	Invariants of solvable lie algebras with triangular nilradicals and diagonal nilindependent elements. Linear Algebra and Its Applications, 2008, 428, 834-854.	0.9	12
9	Invariants of triangular Lie algebras. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 7557-7572.	2.1	8
10	Equivalence groupoids of classes of linear ordinary differential equations and their group classification. Journal of Physics: Conference Series, 2015, 621, 012002.	0.4	6
11	Classification of reduction operators and exact solutions of variable coefficient Newell–Whitehead–Segel equations. Journal of Mathematical Analysis and Applications, 2019, 474, 264-275.	1.0	6
12	Invariants of triangular Lie algebras with one nil-independent diagonal element. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 9783-9792.	2.1	5
13	Realizations of Lie algebras on the line and the new group classification of (1+1)-dimensional generalized nonlinear Klein–Gordon equations. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	4
14	Continuity Equation in Nonlinear Quantum Mechanics and the Galilei Relativity Principle. Journal of Nonlinear Mathematical Physics, 1997, 4, 124.	1.3	3
15	Symmetry Classification of the One‐Dimensional Second Order Equation of a Hydrodynamic Type. Journal of Nonlinear Mathematical Physics, 1995, 2, 418.	1.3	2
16	Lowering of order and general solutions of some classes of partial differential equations. Reports on Mathematical Physics, 1998, 41, 311-318.	0.8	0
17	Parameter-dependent linear ordinary differential equations and topology of domains. Journal of Differential Equations, 2021, 284, 546-575.	2.2	0