

# Vyacheslav M Boyko

## List of Publications by Year in descending order

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17  
papers

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citations

1163117

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996975

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g-index

17  
all docs

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docs citations

17  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter-dependent linear ordinary differential equations and topology of domains. Journal of Differential Equations, 2021, 284, 546-575.	2.2	0
2	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
3	Enhanced group classification of nonlinear diffusion-reaction equations with gradient-dependent diffusivity. Journal of Mathematical Analysis and Applications, 2020, 484, 123739.	1.0	17
4	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
5	Singular reduction modules of differential equations. Journal of Mathematical Physics, 2016, 57, .	1.1	13
6	Equivalence groupoids of classes of linear ordinary differential equations and their group classification. Journal of Physics: Conference Series, 2015, 621, 012002.	0.4	6
7	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
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 with one nil-independent diagonal element. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 9783-9792.	2.1	5
10	Invariants of triangular Lie algebras. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 7557-7572.	2.1	8
11	Invariants of Lie algebras with fixed structure of nilradicals. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 113-130.	2.1	21
12	Computation of invariants of Lie algebras by means of moving frames. Journal of Physics A, 2006, 39, 5749-5762.	1.6	35
13	Realizations of real low-dimensional Lie algebras. Journal of Physics A, 2003, 36, 7337-7360.	1.6	126
14	Lowering of order and general solutions of some classes of partial differential equations. Reports on Mathematical Physics, 1998, 41, 311-318.	0.8	0
15	Continuity Equation in Nonlinear Quantum Mechanics and the Galilei Relativity Principle. Journal of Nonlinear Mathematical Physics, 1997, 4, 124.	1.3	3
16	Symmetry Classification of the One-Dimensional Second Order Equation of a Hydrodynamic Type. Journal of Nonlinear Mathematical Physics, 1995, 2, 418.	1.3	2
17	Nonlinear Representations for Poincaré and Galilei algebras and nonlinear equations for electromagnetic fields. Journal of Nonlinear Mathematical Physics, 1994, 1, 210.	1.3	12