

Irina A Kogan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

250
citations

1307594

7
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Invariant Euler-Lagrange Equations and the Invariant Variational Bicomplex. <i>Acta Applicandae Mathematicae</i> , 2003, 76, 137-193.	1.0	71
2	Rational invariants of a group action. Construction and rewriting. <i>Journal of Symbolic Computation</i> , 2007, 42, 203-217.	0.8	45
3	Smooth and Algebraic Invariants of a Group Action: Local and Global Constructions. <i>Foundations of Computational Mathematics</i> , 2007, 7, 455-493.	2.5	37
4	Two Algorithms for a Moving Frame Construction. <i>Canadian Journal of Mathematics</i> , 2003, 55, 266-291.	0.6	21
5	Classification of Curves in 2D and 3D via Affine Integral Signatures. <i>Acta Applicandae Mathematicae</i> , 2010, 109, 903-937.	1.0	17
6	Computation of canonical forms for ternary cubics. , 2002, , .		15
7	Algorithm for computing $\hat{1/4}$ -bases of univariate polynomials. <i>Journal of Symbolic Computation</i> , 2017, 80, 844-874.	0.8	9
8	Differential Signatures of Algebraic Curves. <i>SIAM Journal on Applied Algebra and Geometry</i> , 2020, 4, 185-226.	1.4	6
9	SYSTEMS OF HYPERBOLIC CONSERVATION LAWS WITH PRESCRIBED EIGENCURVES. <i>Journal of Hyperbolic Differential Equations</i> , 2010, 07, 211-254.	0.5	3
10	Invariants of objects and their images under surjective maps. <i>Lobachevskii Journal of Mathematics</i> , 2015, 36, 260-285.	0.9	3
11	Non-congruent non-degenerate curves with identical signatures. <i>Journal of Mathematical Imaging and Vision</i> , 2021, 63, 601-625.	1.3	3
12	Extensions for Systems of Conservation Laws. <i>Communications in Partial Differential Equations</i> , 2012, 37, 1096-1140.	2.2	2
13	Integral invariants for 3D curves: an inductive approach. , 2007, , .		1
14	Object-image correspondence for curves under central and parallel projections. , 2012, , .		1
15	A Generalization of an Integrability Theorem of Darboux. <i>Journal of Geometric Analysis</i> , 2019, 29, 3470-3493.	1.0	1
16	Rational and replacement invariants of a group action. <i>SIGSAM Bulletin: A Quarterly Publication of the Special Interest Group on Symbolic & Algebraic Manipulation</i> , 2005, 39, 85-87.	0.3	0
17	Jacobians with prescribed eigenvectors. <i>Differential Geometry and Its Applications</i> , 2019, 65, 108-146.	0.5	0
18	A mixed boundary value problem for $u \in C^1(x,y,u,u)$. <i>Journal of Differential Equations</i> , 2020, 268, 7535-7560.	2.2	0