Irina A Kogan

List of Publications by Year
in descending order

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	Non-congruent non-degenerate curves with identical signatures. Journal of Mathematical Imaging and Vision, 2021, 63, 601-625.	1.3	3
2	A mixed boundary value problem for u$â€¯$=$â€¯$f(x,y,u,u,u). Journal of Differential Equations, 2020, 268, 7535-7560.	2.2	0
3	Differential Signatures of Algebraic Curves. SIAM Journal on Applied Algebra and Geometry, 2020, 4, 185-226.	1.4	6
4	A Generalization of an Integrability Theorem of Darboux. Journal of Geometric Analysis, 2019, 29, 3470-3493.	1.0	1
5	Jacobians with prescribed eigenvectors. Differential Geometry and Its Applications, 2019, 65, 108-146.	0.5	0
6	Algorithm for computing Î¼-bases of univariate polynomials. Journal of Symbolic Computation, 2017, 80, 844-874.	0.8	9
7	Invariants of objects and their images under surjective maps. Lobachevskii Journal of Mathematics, 2015, 36, 260-285.	0.9	3
8	Object-image correspondence for curves under central and parallel projections. , 2012, , .		1
9	Extensions for Systems of Conservation Laws. Communications in Partial Differential Equations, 2012, 37, 1096-1140.	2.2	2
10	Classification of Curves in 2D and 3D via Affine Integral Signatures. Acta Applicandae Mathematicae, 2010, 109, 903-937.	1.0	17
11	SYSTEMS OF HYPERBOLIC CONSERVATION LAWS WITH PRESCRIBED EIGENCURVES. Journal of Hyperbolic Differential Equations, 2010, 07, 211-254.	0.5	3
12	Integral invariants for 3D curves: an inductive approach. , 2007, , .		1
13	Rational invariants of a group action. Construction and rewriting. Journal of Symbolic Computation, 2007, 42, 203-217.	0.8	45
14	Smooth and Algebraic Invariants of a Group Action: Local and Global Constructions. Foundations of Computational Mathematics, 2007, 7, 455-493.	2.5	37
15	Rational and replacement invariants of a group action. SIGSAM Bulletin: A Quarterly Publication of the Special Interest Group on Symbolic & Algebraic Manipulation, 2005, 39, 85-87.	0.3	0
16	Invariant Eulerâ€"Lagrange Equations and the Invariant Variational Bicomplex. Acta Applicandae Mathematicae, 2003, 76, 137-193.	1.0	71
17	Two Algorithms for a Moving Frame Construction. Canadian Journal of Mathematics, 2003, 55, 266-291.	0.6	21
18	Computation of canonical forms for ternary cubics. , 2002, , .		15