

Gabriel Katz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2623706/publications.pdf>

Version: 2024-02-01

16
papers

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citations

1937685

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1872680

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17
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citing authors

#	ARTICLE	IF	CITATIONS
1	How tangents solve algebraic equations, or a remarkable geometry of discriminant varieties. , 2003, 21, 219-261.		16
2	Curves in Cages: An Algebro-Geometric Zoo. American Mathematical Monthly, 2006, 113, 777-791.	0.3	6
3	Using simplicial volume to count multi-tangent trajectories of traversing vector fields. Geometriae Dedicata, 2016, 180, 323-338.	0.3	5
4	Causal holography in application to the inverse scattering problems. Inverse Problems and Imaging, 2019, 13, 597-633.	1.1	5
5	Stratified Convexity & Concavity of Gradient Flows on Manifolds with Boundary. Applied Mathematics, 2014, 05, 2823-2848.	0.4	5
6	Complexity of shadows and traversing flows in terms of the simplicial volume. Journal of Topology and Analysis, 2016, 08, 501-543.	0.5	4
7	THE STRATIFIED SPACES OF REAL POLYNOMIALS AND TRAJECTORY SPACES OF TRAVERSING FLOWS. JP Journal of Geometry and Topology, 2016, 19, 95-160.	0.1	4
8	Traversally generic & versal vector flows: semi-algebraic models of tangency to the boundary. Asian Journal of Mathematics, 2017, 21, 127-168.	0.3	4
9	The Ball-Based Origami Theorem and a Glimpse of Holography for Traversing Flows. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	3
10	Causal Holography of Traversing Flows. Journal of Dynamics and Differential Equations, 2021, 33, 235-274.	1.9	3
11	THE BURNSIDE RING-VALUED MORSE FORMULA FOR VECTOR FIELDS ON MANIFOLDS WITH BOUNDARY. Journal of Topology and Analysis, 2009, 01, 13-27.	0.5	1
12	Flows in Flatland: A Romance of Few Dimensions. Arnold Mathematical Journal, 2017, 3, 281-317.	0.4	1
13	Detecting intrinsic global geometry of an obstacle via layered scattering. Chaos, 2022, 32, .	2.5	1
14	Deconstructing functions on quadratic surfaces into multipoles. Annals of Global Analysis and Geometry, 2007, 32, 167-207.	0.6	0
15	Gromov's Amenable Localization and Geodesic Flows. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	0
16	Varieties in Cages: A Little Zoo of Algebraic Geometry. Arnold Mathematical Journal, 2022, 8, 1-17.	0.4	0