

# Vladimir DragoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

185  
citations

1163117

8  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

37  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry of integrable billiards and pencils of quadrics. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 758-790.	1.6	32
2	On periodical trajectories of the billiard systems within an ellipsoid in $R^d$ and generalized Cayley's condition. Journal of Mathematical Physics, 1998, 39, 5866-5869.	1.1	20
3	Conditions of Cayley's type for ellipsoidal billiard. Journal of Mathematical Physics, 1998, 39, 355-362.	1.1	19
4	On elliptical billiards in the Lobachevsky space and associated geodesic hierarchies. Journal of Geometry and Physics, 2003, 47, 221-234.	1.4	17
5	Periodic Ellipsoidal Billiard Trajectories and Extremal Polynomials. Communications in Mathematical Physics, 2019, 372, 183-211.	2.2	13
6	Caustics of Poncelet Polygons and Classical Extremal Polynomials. Regular and Chaotic Dynamics, 2019, 24, 1-35.	0.8	13
7	Systems of Kowalevski type and discriminantly separable polynomials. Regular and Chaotic Dynamics, 2014, 19, 162-184.	0.8	10
8	Minkowski plane, confocal conics, and billiards. Publications De L'Institut Mathematique, 2013, 94, 17-30.	0.2	10
9	Periods of Pseudo-Integrable Billiards. Arnold Mathematical Journal, 2015, 1, 69-73.	0.4	9
10	Topological Invariants for Elliptical Billiards and Geodesics on Ellipsoids in the Minkowski Space. Journal of Mathematical Sciences, 2017, 223, 686-694.	0.4	8
11	Periodic Billiards Within Conics in the Minkowski Plane and Akhiezer Polynomials. Regular and Chaotic Dynamics, 2019, 24, 464-501.	0.8	8
12	A survey of the analytical description of periodic elliptical billiard trajectories. Journal of Mathematical Sciences, 2006, 135, 3244-3255.	0.4	7
13	Two-Valued Groups, Kummer Varieties, and Integrable Billiards. Arnold Mathematical Journal, 2018, 4, 27-57.	0.4	6
14	The Sokolov case, integrable Kirchhoff elasticae, and genus 2 theta functions via discriminantly separable polynomials. Proceedings of the Steklov Institute of Mathematics, 2014, 286, 224-239.	0.3	5
15	Algebro-Geometric Approach to an Okamoto Transformation, the Painlevé VI and Schlesinger Equations. Annales Henri Poincare, 2019, 20, 1121-1148.	1.7	2
16	Combinatorics of periodic ellipsoidal billiards. Ramanujan Journal, 2023, 61, 135-147.	0.7	2
17	Deformations of the Zolotarev polynomials and Painlevé VI equations. Letters in Mathematical Physics, 2021, 111, 1.	1.1	2
18	Four-dimensional generalization of the Grioli precession. Regular and Chaotic Dynamics, 2014, 19, 656-662.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Polygons of Petrovič and Fine, algebraic ODEs, and contemporary mathematics. Archive for History of Exact Sciences, 2020, 74, 523-564.	0.5	1
20	Note on free symmetric rigid body motion. Regular and Chaotic Dynamics, 2015, 20, 293-308.	0.8	0
21	Division of $n$ -Dimensional Euclidean Space into Circumscribed $n$ -Cuboids. Proceedings of the Steklov Institute of Mathematics, 2020, 310, 137-147.	0.3	0