Milena Radnovic

List of Publications by Year
in descending order

29	424	759233 12	752698 20
papers	citations	h-index	g-index

29	29	29	77
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combinatorics of periodic ellipsoidal billiards. Ramanujan Journal, 2023, 61, 135-147.	0.7	2
2	Billiard Ordered Games and Books. Regular and Chaotic Dynamics, 2022, 27, 132-150.	0.8	2
3	Pseudo-Euclidean billiards within confocal curves on the hyperboloid of one sheet. Journal of Geometry and Physics, 2021, 161, 104032.	1.4	3
4	Pencils of Quadrics, Billiard Double-Reflection and Confocal Incircular Nets. , 2020, , 133-166.		0
5	Periodic Trajectories of Ellipsoidal Billiards in the 3-Dimensional Minkowski Space. Springer Proceedings in Mathematics and Statistics, 2020, , 159-174.	0.2	2
6	Periodic Billiards Within Conics in the Minkowski Plane and Akhiezer Polynomials. Regular and Chaotic Dynamics, 2019, 24, 464-501.	0.8	8
7	Periodic Ellipsoidal Billiard Trajectories and Extremal Polynomials. Communications in Mathematical Physics, 2019, 372, 183-211.	2.2	13
8	Caustics of Poncelet Polygons and Classical Extremal Polynomials. Regular and Chaotic Dynamics, 2019, 24, 1-35.	0.8	13
9	Asymptotic behaviour of the third PainlevÃ© transcendents in the space of initial values. Transactions of the American Mathematical Society, 2019, 372, 6507-6546.	0.9	1
10	Asymptotic behaviour of the fifth PainlevÃ© transcendents in the space of initial values. Proceedings of the London Mathematical Society, 2018, 116, 1329-1364.	1.3	5
11	Asymptotic Behavior of the Fourth PainlevÃ© Transcendents in the Space of Initial Values. Constructive Approximation, 2016, 44, 195-231.	3.0	8
12	Periods of Pseudo-Integrable Billiards. Arnold Mathematical Journal, 2015, 1, 69-73.	0.4	9
13	Topology of the elliptical billiard with the Hooke's potential. Theoretical and Applied Mechanics, 2015, 42, 1-9.	0.3	14
14	Integrable lattices of hyperplanes related to billiards within confocal quadrics. Publications De L'Institut Mathematique, 2015, 98, 25-30.	0.2	0
15	Bicentennial of the Great Poncelet Theorem (1813â€“2013): Current advances. Bulletin of the American Mathematical Society, 2014, 51, 373-445.	1.5	21
16	Pseudo-integrable billiards and arithmetic dynamics. Journal of Modern Dynamics, 2014, 8, 109-132.	0.5	16
17	Minkowski plane, confocal conics, and billiards. Publications De L'Institut Mathematique, 2013, 94, 17-30.	0.2	10
18	Billiard Algebra, Integrable Line Congruences, and Double Reflection Nets. Journal of Nonlinear Mathematical Physics, 2012, 19, 300.	1.3	8

#	Article	IF	Citations
19	Ellipsoidal billiards in pseudo-Euclidean spaces and relativistic quadrics. Advances in Mathematics, 2012, 231, 1173-1201.	1.1	29
20	Poncelet Porisms and Beyond. Frontiers in Mathematics, 2011, , .	0.3	111
21	Integrable billiards and quadrics. Russian Mathematical Surveys, 2010, 65, 319-379.	0.6	14
22	Hyperelliptic Jacobians as billiard algebra of pencils of quadrics: Beyond Poncelet porisms. Advances in Mathematics, 2008, 219, 1577-1607.	1.1	24
23	Foliations of isonergy surfaces and singularities of curves. Regular and Chaotic Dynamics, 2008, 13, 645-668.	0.8	13
24	Geometry of integrable billiards and pencils of quadrics. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 758-790.	1.6	32
25	A survey of the analytical description of periodic elliptical billiard trajectories. Journal of Mathematical Sciences, 2006, 135, 3244-3255.	0.4	7
26	On elliptical billiards in the Lobachevsky space and associated geodesic hierarchies. Journal of Geometry and Physics, 2003, 47, 221-234.	1.4	17
27	A note on billiard systems in Finsler plane with elliptic indicatrices. Publications De L'Institut Mathematique, 2003, 74, 97-102.	0.2	3
28	On periodical trajectories of the billiard systems within an ellipsoid in Rd and generalized Cayleyâ€™s condition. Journal of Mathematical Physics, 1998, 39, 5866-5869.	1.1	20
29	Conditions of Cayleyâ€™s type for ellipsoidal billiard. Journal of Mathematical Physics, 1998, 39, 355-362.	1.1	19