

# Milena Radnovic

## List of Publications by Year in descending order

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29  
papers

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citations

759233

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Poncelet Porisms and Beyond. <i>Frontiers in Mathematics</i> , 2011, , .	0.3	111
2	Geometry of integrable billiards and pencils of quadrics. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2006, 85, 758-790.	1.6	32
3	Ellipsoidal billiards in pseudo-Euclidean spaces and relativistic quadrics. <i>Advances in Mathematics</i> , 2012, 231, 1173-1201.	1.1	29
4	Hyperelliptic Jacobians as billiard algebra of pencils of quadrics: Beyond Poncelet porisms. <i>Advances in Mathematics</i> , 2008, 219, 1577-1607.	1.1	24
5	Bicentennial of the Great Poncelet Theorem (1813â€“2013): Current advances. <i>Bulletin of the American Mathematical Society</i> , 2014, 51, 373-445.	1.5	21
6	On periodical trajectories of the billiard systems within an ellipsoid in $R^d$ and generalized Cayleyâ€™s condition. <i>Journal of Mathematical Physics</i> , 1998, 39, 5866-5869.	1.1	20
7	Conditions of Cayleyâ€™s type for ellipsoidal billiard. <i>Journal of Mathematical Physics</i> , 1998, 39, 355-362.	1.1	19
8	On elliptical billiards in the Lobachevsky space and associated geodesic hierarchies. <i>Journal of Geometry and Physics</i> , 2003, 47, 221-234.	1.4	17
9	Pseudo-integrable billiards and arithmetic dynamics. <i>Journal of Modern Dynamics</i> , 2014, 8, 109-132.	0.5	16
10	Integrable billiards and quadrics. <i>Russian Mathematical Surveys</i> , 2010, 65, 319-379.	0.6	14
11	Topology of the elliptical billiard with the Hooke's potential. <i>Theoretical and Applied Mechanics</i> , 2015, 42, 1-9.	0.3	14
12	Foliations of isonergy surfaces and singularities of curves. <i>Regular and Chaotic Dynamics</i> , 2008, 13, 645-668.	0.8	13
13	Periodic Ellipsoidal Billiard Trajectories and Extremal Polynomials. <i>Communications in Mathematical Physics</i> , 2019, 372, 183-211.	2.2	13
14	Caustics of Poncelet Polygons and Classical Extremal Polynomials. <i>Regular and Chaotic Dynamics</i> , 2019, 24, 1-35.	0.8	13
15	Minkowski plane, confocal conics, and billiards. <i>Publications De L'Institut Mathematique</i> , 2013, 94, 17-30.	0.2	10
16	Periods of Pseudo-Integrable Billiards. <i>Arnold Mathematical Journal</i> , 2015, 1, 69-73.	0.4	9
17	Billiard Algebra, Integrable Line Congruences, and Double Reflection Nets. <i>Journal of Nonlinear Mathematical Physics</i> , 2012, 19, 300.	1.3	8
18	Asymptotic Behavior of the Fourth PainlevÃ© Transcendents in the Space of Initial Values. <i>Constructive Approximation</i> , 2016, 44, 195-231.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Periodic Billiards Within Conics in the Minkowski Plane and Akhiezer Polynomials. Regular and Chaotic Dynamics, 2019, 24, 464-501.	0.8	8
20	A survey of the analytical description of periodic elliptical billiard trajectories. Journal of Mathematical Sciences, 2006, 135, 3244-3255.	0.4	7
21	Asymptotic behaviour of the fifth Painlevé transcendents in the space of initial values. Proceedings of the London Mathematical Society, 2018, 116, 1329-1364.	1.3	5
22	Pseudo-Euclidean billiards within confocal curves on the hyperboloid of one sheet. Journal of Geometry and Physics, 2021, 161, 104032.	1.4	3
23	A note on billiard systems in Finsler plane with elliptic indicatrices. Publications De L'Institut Mathematique, 2003, 74, 97-102.	0.2	3
24	Combinatorics of periodic ellipsoidal billiards. Ramanujan Journal, 2023, 61, 135-147.	0.7	2
25	Periodic Trajectories of Ellipsoidal Billiards in the 3-Dimensional Minkowski Space. Springer Proceedings in Mathematics and Statistics, 2020, , 159-174.	0.2	2
26	Billiard Ordered Games and Books. Regular and Chaotic Dynamics, 2022, 27, 132-150.	0.8	2
27	Asymptotic behaviour of the third Painlevé transcendents in the space of initial values. Transactions of the American Mathematical Society, 2019, 372, 6507-6546.	0.9	1
28	Pencils of Quadrics, Billiard Double-Reflection and Confocal Incircular Nets. , 2020, , 133-166.		0
29	Integrable lattices of hyperplanes related to billiards within confocal quadrics. Publications De L'Institut Mathematique, 2015, 98, 25-30.	0.2	0